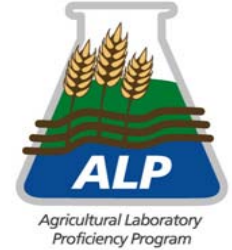


# ALP Program

## Participant Web Summary Report



*The Agriculture Laboratory Proficiency (ALP) Program is operated by Collaborative Testing Services, Inc. in cooperation with Robert O. Miller, PhD, Program Technical Director*

### ALP Program - Fall 2022 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2022 (Cycle 49) was completed in August 2022, with participation by 113 labs from the United States, Canada, Guatemala, Honduras, Colombia, South Africa, Italy, Pakistan, South Africa and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council and Forestry



Standard Reference Soils (SRS), materials for the soils program were: SRS2211 a loamy sand collected near Osoyoos, BC, CANADA; SRS2212 a Cecil sandy clay loam collected from Rowan Cty, NC; SRS2213 a Delco loam collected from Power Cty, ID; SRS2214 a Capac-Marlette loam collected from Clinton Cty, MI; and SRS2215 a Goldridge fine sandy loam collected from Sonoma Cty, CA. Standard Reference Botanical (SRB) materials were: SRB2209 millet flour from CANADA; SRB2210 mango leaf composite from Sri Lanka; SRB2211 blueberry leaf composite from WA; and SRB2212 basil leaf composite from CO. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW2207 an irrigation well source in CO, SRW2208 a well source in NE, and SRW2209 an irrigation well source in NE.

Laboratory Results were compiled and analyzed for each interlaboratory material and property. All analyses in the ALP Program are based on consensus and comparative statistics. Although the analysis techniques chosen to provide a robust evaluation, small group statistics are less reliable than large group statistics. No comparative results are provided for analyses with fewer than 5 reported results.

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### Discussion of Statistics in ALP Reports

Reports in the ALP Program contain a variety of statistical terms and measures, such as: mean, median, median absolute deviation (M.A.D.), average standard deviation, z-score, etc. that must be understood to accurately interpret your laboratory's results. The following sections describe the statistics used in the Participant Web Summary Report and the Individual Performance Analysis Report.

#### **Laboratory Statistics:**

For each property three replicate determinations were collected for each sample. From these determinations, we calculated your laboratory results as the arithmetic mean and standard deviation of the three determinations. These results form the basis for all other statistics used in the reports.

$$\text{Arithmetic Mean} \quad \bar{x} = \frac{1}{n} \cdot \sum_{i=1}^n x_i \quad \text{Standard Deviation} \quad \sigma = \sqrt{\frac{1}{N} \sum_{i=1}^N (x_i - \bar{x})^2}$$

#### **Consensus Statistics:**

From the laboratory means a Grand Median is determined. The dispersion around this consensus value is calculated by the Median Absolute Deviation (M.A.D.). The M.A.D. is the median of the absolute values of the differences between the Laboratory Means and the Grand Median. Finally, the standard deviations between the triplicate determinations for each sample-property within each lab are averaged (by the sum of squares method) to determine the Within Lab Average Standard Deviation. These three consensus values, Grand Median, M.A.D. and Within Lab Avg STD form the basic estimates of value, dispersion, and within laboratory consistency.

$$MAD = \text{med}_i (|x_i - \text{med}_j (x_j)|)$$

Please note that the calculation of the M.A.D. as detailed above differs from conventional usage.

continued on the following page



Discussion of Statistics in ALP Reports

**Performance Statistics:**

Performance Statistics are generated by combinations of the two Laboratory Statistics (arithmetic mean and standard deviation) and the Consensus Statistics (Grand Median, M.A.D. and Within Lab Avg STD).

The Individual Performance Analysis Report, contains two Performance Statistics and an associated range. The WithinLab Performance is the laboratory standard deviation divided by the Within Lab Average Standard Deviation. A value greater than 1 for this ratio would indicate that the variation of the three replicate determinations for this sample-property from your laboratory was greater than the other participants; a ratio less than 1 indicates less variation than other participants. The Laboratory-Sample Bias results on the Laboratory Summary Performance page are z-scores calculated by dividing the difference between your laboratory mean and the Grand Median by the M.A.D. A value closer to zero for this performance statistic indicates that your laboratory mean agreed with the other participants. Positive values indicate that your laboratory mean was greater than the Grand Median; negative values indicate that your laboratory mean was less than the Grand Median. The larger this value is, whether positive or negative, the less agreement between your laboratory mean and the Grand Median. The confidence interval is calculated from the Grand Median and the M.A.D.

$$\text{WithinLab Performance} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}} \qquad \text{Laboratory-Sample Bias} = \frac{(\text{laboratory mean} - \text{Grand Median})}{\text{M.A.D.}}$$

In the Participant Web Summary Report the k Score is the same as the WithinLab Performance; it is simply a common technical term. The Z Score does differ from the Laboratory-Sample Bias, however these two performance measures share the same purpose - to judge the bias between your laboratory mean and the consensus results. The Z Score is calculated by dividing the difference between your laboratory mean and the Grand Median by the product of the M.A.D. and a factor of 1.48 (rounded). This denominator is used to give a rough estimate of the between laboratory standard deviation, if a normal distribution is assumed. The Z Score then gives us something that approximates a traditional z-score, so that on average 68% of values fall in the range of +1.00 to -1.00.

$$\text{k Score} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}} \qquad \text{Z Score} = \frac{(\text{laboratory mean} - \text{Grand Median})}{1.48(\text{M.A.D.})}$$



Key to Data Tables

**Laboratory Results**

Sample Mean	arithmetic mean of the three determinations for the sample-property
Z Score	difference divided by the product of the M.A.D. and 1.48 (rounded)
k Score	laboratory standard deviation divided by the Within Lab Average STD

**Consensus Results**

<b>Grand Median</b>	median of all included sample means
<b>Median Abs Dev</b>	median of all included absolute differences between the sample means and the grand median
<b>Avg Within Lab SD</b>	average of all included laboratory standard deviations
<b>Labs Included</b>	number of laboratories included in calculation of consensus statistics for this sample-property
<b>Labs Reporting</b>	number of laboratories submitting data for this sample-property

Consensus results were reported only for analyses with five or more included laboratories. Analyses with fewer than five included laboratories are missing both consensus and performance statistics.



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3K4CBL</b>	<b>24.7</b>	-0.23	2.10	<b>48.3</b>	-0.38	0.92	<b>26.3</b>	-1.06	1.06	<b>30.0</b>	-0.66	0.95	<b>25.3</b>	-0.84	1.75	
<b>3RENYR</b>	<b>25.0</b>	-0.11		<b>56.0</b>	0.78		<b>30.3</b>	0.20		<b>31.8</b>	-0.05		<b>28.1</b>	-0.17		
<b>9KBWU3</b>	<b>25.3</b>	0.01	1.27	<b>45.0</b>	-0.88	0.60	<b>27.7</b>	-0.64	0.40	<b>31.7</b>	-0.09	0.55	<b>26.7</b>	-0.52	1.32	
<b>BRLZRF</b>	<b>23.1</b>	-0.79		<b>40.0</b>	-1.63		<b>25.1</b>	-1.45		<b>29.1</b>	-0.97		<b>26.1</b>	-0.66		
<b>FR9W8B</b>	<b>27.3</b>	0.72	0.48	<b>46.7</b>	-0.63	0.35	<b>29.7</b>	0.00	0.40	<b>33.3</b>	0.48	0.55	<b>30.7</b>	0.45	0.66	
<b>GGKFWF</b>	<b>41.6</b>	5.80X	3.73	<b>54.5</b>	0.54	1.19	<b>33.8</b>	1.31	0.75	<b>41.9</b>	3.40X	6.58	<b>33.5</b>	1.14	0.32	
<b>J6YXET</b>	<b>25.3</b>	-0.02	0.31	<b>53.7</b>	0.42	1.03	<b>30.7</b>	0.34	0.40	<b>33.9</b>	0.67	0.44	<b>27.5</b>	-0.31	0.37	
<b>JKVCC2</b>	<b>26.3</b>	0.36	0.48	<b>56.3</b>	0.83	0.35	<b>32.0</b>	0.74		<b>36.7</b>	1.62	0.55	<b>31.3</b>	0.61	0.66	
<b>K6YBGF</b>	<b>24.6</b>	-0.26	0.11	<b>45.0</b>	-0.88	0.66	<b>29.1</b>	-0.17	0.62	<b>30.9</b>	-0.37	0.07	<b>28.8</b>	0.00	0.70	
<b>L7RLR9</b>	<b>25.2</b>	-0.04	0.44	<b>50.8</b>	0.00	0.84	<b>27.0</b>	-0.84	0.37	<b>29.4</b>	-0.86	0.51	<b>24.6</b>	-1.01	0.33	
<b>NUNAAC</b>	<b>33.5</b>	2.92	1.01	<b>44.7</b>	-0.92	0.19	<b>34.3</b>	1.48	1.19	<b>33.0</b>	0.37	1.29	<b>32.7</b>	0.95	1.16	
<b>P7CJPP</b>	<b>32.1</b>	2.41	2.05	<b>54.4</b>	0.54	1.34	<b>31.4</b>	0.54	2.24	<b>34.9</b>	1.02	1.91	<b>35.6</b>	1.63	1.37	
<b>REKR93</b>	<b>30.8</b>	1.97	0.29	<b>61.7</b>	1.63	0.23	<b>33.5</b>	1.21	0.69	<b>37.1</b>	1.78	0.40	<b>31.1</b>	0.54	0.26	
<b>XNRFMW</b>	<b>27.4</b>	0.73	0.10	<b>54.8</b>	0.59	0.12	<b>28.5</b>	-0.38	0.08	<b>31.2</b>	-0.25	0.16	<b>27.0</b>	-0.44	0.11	
<b>Y8Y834</b>	<b>25.3</b>	-0.01	1.08	<b>48.8</b>	-0.30	2.02	<b>30.2</b>	0.18	1.74	<b>34.4</b>	0.85	1.80	<b>30.7</b>	0.45	0.99	
<b>YCQELC</b>	<b>25.4</b>	0.04	0.34	<b>51.0</b>	0.02	0.64	<b>26.8</b>	-0.91	0.32	<b>29.9</b>	-0.70	0.28	<b>24.1</b>	-1.14	0.47	
<b>YECBT3</b>	<b>24.9</b>	-0.15	0.78	<b>47.6</b>	-0.49	1.88	<b>29.6</b>	-0.02	1.14	<b>32.1</b>	0.05	1.71	<b>31.4</b>	0.61	2.00	

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>	25.3			50.8			29.7			31.9			28.8			
<b>Median Abs Dev</b>	0.7			4.0			2.0			2.0			2.5			
<b>Avg Within Lab SD</b>	1.2			1.7			1.4			1.1			0.9			
<b>Labs Included</b>	16			17			17			16			17			
<b>Labs Reporting</b>	17			17			17			17			17			



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

pH - sp (SubTestCode 102) in the Salinity Property Groups															Data units: Unit		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3K4CBL</b>	<b>6.75</b>	-0.15	1.14	<b>5.47</b>	0.22	1.27	<b>7.41</b>	0.83	1.37	<b>7.06</b>	-0.26	2.41	<b>5.21</b>	0.17	0.89		
<b>3RENYR</b>	<b>6.89</b>	1.06		<b>5.51</b>	0.52		<b>7.33</b>	0.35		<b>7.13</b>	0.26		<b>5.16</b>	0.00			
<b>3RQMRF</b>	<b>7.44</b>	5.90X		<b>6.98</b>	11.38X		<b>7.57</b>	1.77		<b>7.84</b>	5.69X		<b>6.66</b>	5.43X			
<b>48ZQUM</b>	<b>7.00</b>	2.05	1.42	<b>5.69</b>	1.85	1.46	<b>7.23</b>	-0.24	2.42	<b>7.12</b>	0.20	0.36	<b>5.95</b>	2.85	1.20		
<b>9KBWU3</b>	<b>6.75</b>	-0.18	0.56	<b>6.10</b>	4.90X	1.02	<b>6.97</b>	-1.77	0.65	<b>7.10</b>	0.00	2.05	<b>5.71</b>	1.99	0.98		
<b>BRLZRF</b>	<b>6.50</b>	-2.38		<b>5.30</b>	-1.03		<b>7.20</b>	-0.41		<b>6.90</b>	-1.51		<b>5.10</b>	-0.22			
<b>DEA7ET</b>	<b>6.86</b>	0.82	0.47	<b>5.42</b>	-0.12	0.12	<b>7.41</b>	0.81	0.28	<b>7.17</b>	0.59	0.14	<b>5.19</b>	0.11	0.93		
<b>FR9W8B</b>	<b>6.76</b>	-0.12	0.28	<b>5.27</b>	-1.26	0.20	<b>7.25</b>	-0.12		<b>7.03</b>	-0.54	0.14	<b>5.09</b>	-0.24	1.06		
<b>GGKFWF</b>	<b>7.02</b>	2.17	0.47	<b>5.56</b>	0.89	0.20	<b>7.36</b>	0.51	0.28	<b>7.21</b>	0.87	0.62	<b>5.50</b>	1.23	1.68		
<b>J6YXET</b>	<b>6.75</b>	-0.21	0.65	<b>5.30</b>	-1.03	0.93	<b>7.16</b>	-0.65	1.07	<b>6.97</b>	-0.94	0.49	<b>5.14</b>	-0.08	0.62		
<b>JKVCC2</b>	<b>6.72</b>	-0.41	0.94	<b>5.53</b>	0.64	1.64	<b>6.82</b>	-2.67X	0.75	<b>6.89</b>	-1.61	0.75	<b>5.01</b>	-0.55	0.90		
<b>K6YBGF</b>	<b>6.33</b>	-3.85X	0.92	<b>5.04</b>	-2.98	0.42	<b>7.04</b>	-1.36	0.65	<b>6.92</b>	-1.38	0.68	<b>5.05</b>	-0.39	0.73		
<b>LWYD8H</b>	<b>6.76</b>	-0.12	2.18	<b>5.52</b>	0.62	1.64	<b>7.26</b>	-0.08	0.93	<b>7.07</b>	-0.18	0.82	<b>4.97</b>	-0.68	0.57		
<b>NUNAAC</b>	<b>6.88</b>	0.97	0.49	<b>5.49</b>	0.34	0.31	<b>7.43</b>	0.92	0.14	<b>7.16</b>	0.46	0.14	<b>5.32</b>	0.57	0.27		
<b>P7CJPP</b>	<b>6.87</b>	0.85	2.15	<b>5.47</b>	0.20	1.17	<b>7.47</b>	1.16	1.42	<b>7.27</b>	1.30	1.36	<b>5.30</b>	0.51	0.00		
<b>REKR93</b>	<b>6.76</b>	-0.09	1.13	<b>5.36</b>	-0.62	0.31	<b>7.27</b>	0.00	0.65	<b>7.15</b>	0.43	1.29	<b>4.96</b>	-0.71	2.50		
<b>V3XUTA</b>	<b>6.78</b>	0.09	0.32	<b>5.43</b>	-0.07	1.13	<b>7.26</b>	-0.06	0.25	<b>7.04</b>	-0.46	0.36	<b>5.06</b>	-0.37	0.73		
<b>W3PC7U</b>	<b>6.79</b>	0.14	0.20	<b>5.41</b>	-0.21	0.12	<b>7.31</b>	0.24	0.19	<b>7.16</b>	0.52	0.10	<b>5.25</b>	0.31	0.13		
<b>XNRFMW</b>	<b>6.73</b>	-0.32	0.43	<b>5.45</b>	0.07	0.41	<b>7.19</b>	-0.49	0.28	<b>7.04</b>	-0.43	0.23	<b>4.87</b>	-1.05	0.18		
<b>Y8Y834</b>	<b>6.87</b>	0.88	0.49	<b>5.47</b>	0.22	2.00	<b>7.42</b>	0.88	1.72	<b>7.27</b>	1.30	0.82	<b>5.45</b>	1.06	0.79		
<b>YCQELC</b>	<b>6.76</b>	-0.12	0.94	<b>5.40</b>	-0.27	0.42	<b>7.18</b>	-0.53	0.65	<b>7.03</b>	-0.48	0.95	<b>4.92</b>	-0.88	0.37		
<b>YECBT3</b>	<b>6.81</b>	0.38	0.47	<b>5.40</b>	-0.32	0.71	<b>7.44</b>	0.98	0.51	<b>7.16</b>	0.46	1.08	<b>5.22</b>	0.20	1.13		



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	6.77	5.44	7.27	7.10	5.16	
<b>Median Abs Dev</b>	0.04	0.06	0.09	0.06	0.14	
<b>Avg Within Lab SD</b>	0.05	0.05	0.04	0.04	0.06	
<b>Labs Included</b>	20	20	21	21	21	
<b>Labs Reporting</b>	22	22	22	22	22	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3RENYR</b>	<b>2.21</b>	0.56		<b>1.76</b>	0.70		<b>8.01</b>	0.67		<b>2.20</b>	1.18		<b>1.63</b>	0.97			
<b>3RQMRP</b>	<b>1.10</b>	-2.39		<b>1.03</b>	-2.31		<b>3.46</b>	-2.96		<b>0.96</b>	-3.47X		<b>0.61</b>	-1.29			
<b>48ZQUM</b>	<b>2.30</b>	0.80	0.00	<b>1.80</b>	0.87	0.00	<b>8.47</b>	1.04	0.22	<b>2.30</b>	1.56	0.00	<b>1.10</b>	-0.21	0.00		
<b>9KBWU3</b>	<b>2.03</b>	0.08	0.94	<b>1.72</b>	0.55	0.17	<b>7.57</b>	0.32	0.28	<b>1.88</b>	0.00	0.53	<b>1.20</b>	0.02	0.41		
<b>BRLZRF</b>	<b>2.10</b>	0.27		<b>1.80</b>	0.87		<b>7.00</b>	-0.13		<b>2.20</b>	1.18		<b>1.40</b>	0.46			
<b>DEA7ET</b>	<b>1.69</b>	-0.81	0.37	<b>1.40</b>	-0.78	0.28	<b>6.32</b>	-0.68	0.51	<b>1.64</b>	-0.92	0.42	<b>1.19</b>	-0.02	0.53		
<b>FR9W8B</b>	<b>1.88</b>	-0.32	0.44	<b>1.61</b>	0.09	0.08	<b>7.17</b>	0.00	0.46	<b>1.92</b>	0.13	0.39	<b>0.93</b>	-0.59	0.02		
<b>GGKFWF</b>	<b>1.37</b>	-1.66	0.73	<b>1.57</b>	-0.11	0.14	<b>7.06</b>	-0.09	0.13	<b>1.80</b>	-0.32	0.65	<b>0.81</b>	-0.86	0.02		
<b>J6YXET</b>	<b>1.49</b>	-1.35	0.50	<b>1.27</b>	-1.31	0.66	<b>3.53</b>	-2.90	1.27	<b>1.38</b>	-1.90	0.83	<b>0.98</b>	-0.48	0.23		
<b>JKVCC2</b>	<b>2.12</b>	0.33	0.56	<b>1.54</b>	-0.19	0.24	<b>6.94</b>	-0.18	0.27	<b>1.81</b>	-0.26	0.38	<b>1.52</b>	0.73	0.57		
<b>K6YBGF</b>	<b>2.22</b>	0.58	0.26	<b>1.74</b>	0.62	0.20	<b>7.54</b>	0.30	0.13	<b>2.14</b>	0.95	0.09	<b>1.01</b>	-0.42	0.08		
<b>L7RLR9</b>	<b>2.27</b>	0.70	0.06	<b>1.78</b>	0.78	0.49	<b>8.03</b>	0.69	0.97	<b>2.11</b>	0.83	0.82	<b>1.79</b>	1.32	0.05		
<b>LWYD8H</b>	<b>2.05</b>	0.14	0.81	<b>1.49</b>	-0.40	1.02	<b>7.47</b>	0.24	0.21	<b>2.03</b>	0.56	0.57	<b>1.83</b>	1.42	2.27		
<b>NUNAAC</b>	<b>1.64</b>	-0.96	1.13	<b>1.64</b>	0.21	0.49	<b>6.39</b>	-0.62	0.79	<b>1.76</b>	-0.47	0.88	<b>1.24</b>	0.09	1.16		
<b>P7CJPP</b>	<b>1.63</b>	-0.98	3.19	<b>1.37</b>	-0.93	2.85	<b>6.50</b>	-0.53	1.72	<b>1.69</b>	-0.71	2.77	<b>1.26</b>	0.14	2.68		
<b>REKR93</b>	<b>1.90</b>	-0.25	0.95	<b>1.63</b>	0.18	0.13	<b>7.67</b>	0.40	0.60	<b>1.94</b>	0.22	0.35	<b>1.03</b>	-0.37	1.85		
<b>V3XUTA</b>	<b>1.98</b>	-0.05	0.41	<b>1.58</b>	-0.05	0.60	<b>7.19</b>	0.02	0.69	<b>1.81</b>	-0.26	0.79	<b>1.58</b>	0.87	0.61		
<b>W3PC7U</b>	<b>2.02</b>	0.05	0.06	<b>1.44</b>	-0.62	0.14	<b>6.42</b>	-0.59	0.20	<b>1.82</b>	-0.24	0.17	<b>1.15</b>	-0.09	0.03		
<b>XNRFMW</b>	<b>2.10</b>	0.27	0.25	<b>1.60</b>	0.05	0.07	<b>8.01</b>	0.67	0.13	<b>2.07</b>	0.70	0.26	<b>2.30</b>	2.46	0.16		
<b>Y8Y834</b>	<b>1.77</b>	-0.61	1.58	<b>1.28</b>	-1.29	2.85	<b>5.83</b>	-1.07	3.15	<b>1.51</b>	-1.40	2.57	<b>0.66</b>	-1.19	0.37		
<b>YCQELC</b>	<b>1.47</b>	-1.39	0.44	<b>1.17</b>	-1.73	0.26	<b>7.23</b>	0.05	0.53	<b>1.82</b>	-0.24	0.30	<b>1.55</b>	0.79	0.71		
<b>YECBT3</b>	<b>2.11</b>	0.29	0.81	<b>1.64</b>	0.19	0.36	<b>0.63</b>	-5.22X	0.26	<b>1.92</b>	0.13	0.37	<b>1.17</b>	-0.06	0.14		





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ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	2.00	1.59	7.17	1.88	1.19	
<b>Median Abs Dev</b>	0.21	0.15	0.67	0.15	0.24	
<b>Avg Within Lab SD</b>	0.08	0.09	0.26	0.07	0.07	
<b>Labs Included</b>	22	22	21	21	22	
<b>Labs Reporting</b>	22	22	22	22	22	



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HCO <sub>3</sub> -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>	<b>2.92</b>	2.04		<b>0.56</b>	1.45		<b>2.44</b>	2.47		<b>5.50</b>	1.41		<b>0.65</b>	0.00	
<b>48ZQUM</b>	<b>1.50</b>	0.13	0.11				<b>1.09</b>	-0.10	0.92	<b>4.22</b>	0.67	1.95	<b>1.24</b>	1.48	1.07
<b>9KBWU3</b>	<b>2.13</b>	0.98	1.27	<b>0.27</b>	0.11	0.92	<b>1.73</b>	1.12	0.84	<b>5.40</b>	1.35	1.14	<b>0.40</b>	-0.63	0.00
<b>GGKFWF</b>	<b>1.07</b>	-0.45	0.09	<b>0.11</b>	-0.62	0.08	<b>0.93</b>	-0.41	0.10	<b>2.89</b>	-0.10	0.09	<b>0.99</b>	0.85	0.53
<b>K6YBGF</b>	<b>0.68</b>	-0.97	0.21	<b>0.10</b>	-0.65	0.00	<b>0.78</b>	-0.69	0.21	<b>1.68</b>	-0.79	0.09	<b>0.78</b>	0.33	0.31
<b>L7RLR9</b>	<b>1.40</b>	0.00	0.57	<b>0.22</b>	-0.12	0.24	<b>1.19</b>	0.08	1.65	<b>3.23</b>	0.10	0.09	<b>0.32</b>	-0.84	1.16
<b>NUNAAC</b>	<b>1.39</b>	-0.02	1.59	<b>0.22</b>	-0.11	0.28	<b>0.96</b>	-0.35	0.17	<b>2.55</b>	-0.30	0.45	<b>0.34</b>	-0.79	0.29
<b>P7CJPP</b>	<b>0.81</b>	-0.80	0.29	<b>0.38</b>	0.63	0.56	<b>1.15</b>	0.00	0.63	<b>1.50</b>	-0.90	0.35	<b>0.46</b>	-0.48	0.28
<b>V3XUTA</b>										<b>1.78</b>	-0.74	0.67			
<b>Y8Y834</b>	<b>1.91</b>	0.68	1.83	<b>0.62</b>	1.72	2.39	<b>1.59</b>	0.84	1.81	<b>3.73</b>	0.39	1.76	<b>0.92</b>	0.67	2.23

HCO <sub>3</sub> -sp (SubTestCode 104) in the Salinity Property Groups						Data units: mmolc/L				
	SRS2211		SRS2212		SRS2213		SRS2214		SRS2215	
<b>Grand Median</b>	1.40		0.24		1.15		3.06		0.65	
<b>Median Abs Dev</b>	0.51		0.14		0.22		1.22		0.27	
<b>Avg Within Lab SD</b>	0.18		0.13		0.14		0.30		0.09	
<b>Labs Included</b>	9		8		9		10		9	
<b>Labs Reporting</b>	9		8		9		10		9	



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K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RENYR</b>	<b>2.29</b>	0.69		<b>1.72</b>	0.45		<b>6.96</b>	0.25		<b>1.60</b>	0.87		<b>0.61</b>	0.56	
<b>3RQMRP</b>	<b>1.31</b>	-2.99X		<b>1.13</b>	-2.01		<b>4.85</b>	-1.33		<b>1.12</b>	-1.54		<b>0.46</b>	-0.51	
<b>48ZQUM</b>	<b>2.53</b>	1.60	0.10	<b>1.84</b>	0.96	0.13	<b>8.45</b>	1.36	1.21	<b>1.72</b>	1.45	0.45	<b>0.50</b>	-0.24	
<b>9KBWU3</b>	<b>2.33</b>	0.84	0.29	<b>1.69</b>	0.34	0.20	<b>7.77</b>	0.86	0.51	<b>1.61</b>	0.92	0.52	<b>0.59</b>	0.39	0.19
<b>FR9W8B</b>	<b>2.11</b>	0.00	0.15	<b>1.71</b>	0.42	0.20	<b>6.37</b>	-0.20	0.74	<b>1.47</b>	0.20	0.22	<b>0.45</b>	-0.63	0.11
<b>GGKFWF</b>	<b>1.96</b>	-0.57	0.80	<b>1.71</b>	0.42	0.25	<b>6.89</b>	0.20	0.86	<b>1.56</b>	0.66	0.21	<b>0.47</b>	-0.45	0.33
<b>J6YXET</b>	<b>1.81</b>	-1.11	0.40	<b>1.33</b>	-1.20	1.47	<b>4.56</b>	-1.55	2.37	<b>1.16</b>	-1.34	1.72	<b>0.45</b>	-0.60	0.29
<b>JKVCC2</b>	<b>2.13</b>	0.10	2.00	<b>1.53</b>	-0.33	0.77	<b>6.30</b>	-0.25	0.44	<b>1.40</b>	-0.14	1.96	<b>0.57</b>	0.24	1.93
<b>K6YBGF</b>	<b>2.20</b>	0.35	0.28	<b>1.60</b>	-0.03	0.13	<b>7.00</b>	0.28	0.36	<b>1.43</b>	0.02	0.40	<b>0.43</b>	-0.74	0.19
<b>L7RLR9</b>	<b>2.42</b>	1.18	0.96	<b>1.74</b>	0.55	0.17	<b>7.08</b>	0.34	0.60	<b>1.59</b>	0.82	0.87	<b>0.71</b>	1.31	0.10
<b>LWYD8H</b>	<b>2.07</b>	-0.13	0.24	<b>1.48</b>	-0.57	1.34	<b>6.26</b>	-0.28	0.16	<b>1.40</b>	-0.16	0.30	<b>0.62</b>	0.66	0.84
<b>P7CJPP</b>	<b>1.71</b>	-1.50	1.07	<b>1.36</b>	-1.05	1.91	<b>5.58</b>	-0.79	0.74	<b>1.34</b>	-0.44	1.23	<b>0.62</b>	0.66	2.46
<b>REKR93</b>	<b>2.00</b>	-0.40	0.19	<b>1.62</b>	0.03	0.40	<b>7.14</b>	0.38	0.62	<b>1.42</b>	-0.02	1.08	<b>0.48</b>	-0.42	0.19
<b>W3PC7U</b>	<b>2.10</b>	-0.02	0.86	<b>1.37</b>	-1.00	1.08	<b>4.66</b>	-1.48	0.50	<b>1.31</b>	-0.57	1.09	<b>0.59</b>	0.42	0.33
<b>XNRFMW</b>	<b>2.24</b>	0.51	0.34	<b>1.67</b>	0.23	0.47	<b>7.61</b>	0.74	0.40	<b>1.51</b>	0.43	0.89	<b>0.78</b>	1.79	0.39
<b>Y8Y834</b>	<b>1.81</b>	-1.11	2.45	<b>1.33</b>	-1.19	2.01	<b>5.94</b>	-0.52	1.82	<b>1.19</b>	-1.21	0.99	<b>0.38</b>	-1.15	1.39

K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	<b>Grand Median</b>	2.11			1.61			6.63			1.43			0.53	
<b>Median Abs Dev</b>	0.15			0.12			0.60			0.12			0.08		
<b>Avg Within Lab SD</b>	0.10			0.07			0.23			0.05			0.03		
<b>Labs Included</b>	15			16			16			16			16		
<b>Labs Reporting</b>	16			16			16			16			16		



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Ca - sp (SubTestCode 106) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>13.40</b>	0.57		<b>7.73</b>	0.87		<b>68.90</b>	1.12		<b>18.10</b>	0.75		<b>9.33</b>	0.93		
<b>3RQMRP</b>	<b>3.59</b>	-3.49X		<b>2.10</b>	-4.77X		<b>22.12</b>	-3.60X		<b>5.88</b>	-4.00X		<b>2.27</b>	-1.27		
<b>48ZQUM</b>	<b>14.63</b>	1.08	0.10	<b>7.72</b>	0.86	0.16	<b>73.10</b>	1.54	1.02	<b>19.67</b>	1.36	0.15	<b>6.14</b>	-0.06	0.05	
<b>9KBWU3</b>	<b>12.93</b>	0.37	0.21	<b>7.47</b>	0.61	0.29	<b>61.67</b>	0.39	1.03	<b>15.87</b>	-0.12	0.53	<b>6.63</b>	0.09	0.31	
<b>DEA7ET</b>	<b>9.00</b>	-1.26	0.04	<b>5.28</b>	-1.59	0.25	<b>47.25</b>	-1.07	0.31	<b>11.67</b>	-1.75	0.29	<b>5.17</b>	-0.36	0.60	
<b>F4YL8G</b>	<b>70.31</b>	24.11X	1.24	<b>123.60</b>	117.11X	1.64	<b>630.20</b>	57.66X	7.27	<b>103.10</b>	33.85X	1.11	<b>84.20</b>	24.25X	2.60	
<b>FR9W8B</b>	<b>11.58</b>	-0.19	0.18	<b>7.17</b>	0.31	0.20	<b>57.82</b>	0.00	0.62	<b>16.34</b>	0.07	0.28	<b>5.51</b>	-0.25	0.10	
<b>GGKFWF</b>	<b>9.28</b>	-1.14	0.25	<b>7.86</b>	1.00	0.04	<b>58.77</b>	0.10	0.99	<b>17.00</b>	0.32	0.35	<b>5.55</b>	-0.24	0.39	
<b>J6YXET</b>	<b>9.53</b>	-1.04	0.84	<b>5.71</b>	-1.15	0.71	<b>39.76</b>	-1.82	1.69	<b>11.61</b>	-1.78	1.04	<b>4.59</b>	-0.54	0.47	
<b>JKVCC2</b>	<b>12.03</b>	0.00	1.16	<b>6.39</b>	-0.47	0.28	<b>56.73</b>	-0.11	0.38	<b>14.93</b>	-0.48	0.59	<b>8.32</b>	0.62	2.38	
<b>K6YBGF</b>	<b>13.24</b>	0.50	0.30	<b>7.14</b>	0.28	0.12	<b>63.19</b>	0.54	0.95	<b>16.55</b>	0.15	0.16	<b>5.22</b>	-0.35	0.02	
<b>L7RLR9</b>	<b>14.44</b>	1.00	1.33	<b>7.38</b>	0.52	0.23	<b>66.16</b>	0.84	0.60	<b>18.39</b>	0.87	1.11	<b>10.54</b>	1.31	0.07	
<b>LWYD8H</b>	<b>12.73</b>	0.29	0.55	<b>6.39</b>	-0.47	0.84	<b>58.13</b>	0.03	0.64	<b>16.67</b>	0.19	0.41	<b>10.93</b>	1.43	2.53	
<b>MZDCVW</b>	<b>12.88</b>	0.35		<b>6.86</b>	0.00		<b>55.86</b>	-0.20		<b>16.90</b>	0.29		<b>9.84</b>	1.09		
<b>NUNAAC</b>	<b>7.81</b>	-1.75	0.83	<b>6.87</b>	0.01	0.99	<b>35.08</b>	-2.29	0.28	<b>13.58</b>	-1.01	0.53	<b>4.82</b>	-0.47	0.29	
<b>P7CJPP</b>	<b>8.89</b>	-1.30	1.81	<b>5.62</b>	-1.25	2.57	<b>52.37</b>	-0.55	0.99	<b>12.40</b>	-1.47	1.92	<b>6.63</b>	0.09	1.04	
<b>REKR93</b>	<b>10.48</b>	-0.64	0.26	<b>6.31</b>	-0.56	0.36	<b>61.57</b>	0.38	0.71	<b>14.70</b>	-0.57	0.87	<b>5.78</b>	-0.17	0.41	
<b>W3PC7U</b>	<b>13.13</b>	0.45	0.89	<b>5.78</b>	-1.09	0.37	<b>53.15</b>	-0.47	0.45	<b>15.88</b>	-0.11	0.94	<b>6.52</b>	0.06	0.93	
<b>XNRFMW</b>	<b>11.05</b>	-0.41	0.09	<b>6.45</b>	-0.41	0.09	<b>64.33</b>	0.66	0.28	<b>16.17</b>	0.00	0.07	<b>11.85</b>	1.72	0.76	
<b>Y8Y834</b>	<b>11.33</b>	-0.29	2.77	<b>5.52</b>	-1.35	2.75	<b>50.93</b>	-0.69	2.63	<b>13.10</b>	-1.19	2.82	<b>3.89</b>	-0.76	0.98	
<b>YCQELC</b>	<b>12.53</b>	0.21	0.41	<b>6.88</b>	0.02	0.08	<b>57.47</b>	-0.04	0.19	<b>17.03</b>	0.34	0.19	<b>11.67</b>	1.66	0.57	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	12.0	6.86	57.8	16.2	6.33	
<b>Median Abs Dev</b>	1.2	0.55	5.4	1.2	1.63	
<b>Avg Within Lab SD</b>	0.6	0.53	2.8	0.8	0.37	
<b>Labs Included</b>	19	19	19	19	20	
<b>Labs Reporting</b>	21	21	21	21	21	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3RENYR</b>	<b>6.10</b>	0.90		<b>5.58</b>	0.81		<b>18.10</b>	0.75		<b>3.08</b>	0.57		<b>3.86</b>	0.79			
<b>3RQMRP</b>	<b>1.44</b>	-2.38		<b>1.36</b>	-3.06		<b>5.42</b>	-3.30X		<b>0.95</b>	-2.78		<b>0.92</b>	-1.13			
<b>48ZQUM</b>	<b>6.14</b>	0.93	0.08	<b>5.45</b>	0.69	0.14	<b>19.73</b>	1.27	1.61	<b>3.16</b>	0.70	0.28	<b>2.60</b>	-0.03	0.08		
<b>9KBWU3</b>	<b>5.63</b>	0.57	0.47	<b>4.97</b>	0.25	0.43	<b>17.83</b>	0.67	0.89	<b>2.93</b>	0.34	1.08	<b>2.70</b>	0.03	0.48		
<b>DEA7ET</b>	<b>3.88</b>	-0.66	0.12	<b>3.61</b>	-1.00	0.24	<b>12.62</b>	-1.00	0.32	<b>2.00</b>	-1.13	0.15	<b>2.35</b>	-0.20	0.32		
<b>F4YL8G</b>	<b>11.93</b>	5.01X	1.03	<b>12.16</b>	6.84X	1.47	<b>12.70</b>	-0.97	0.19	<b>11.91</b>	14.44X	0.87	<b>11.74</b>	5.95X	2.76		
<b>FR9W8B</b>	<b>4.64</b>	-0.12	0.04	<b>4.70</b>	0.00	0.01	<b>15.79</b>	0.01	0.62	<b>2.56</b>	-0.25	0.42	<b>2.21</b>	-0.29	0.08		
<b>GGKFWF</b>	<b>3.80</b>	-0.72	0.36	<b>4.89</b>	0.18	0.26	<b>15.46</b>	-0.09	0.45	<b>2.74</b>	0.04	0.61	<b>2.38</b>	-0.17	0.22		
<b>J6YXET</b>	<b>4.01</b>	-0.57	0.75	<b>3.74</b>	-0.88	0.94	<b>10.78</b>	-1.59	1.91	<b>2.06</b>	-1.04	1.04	<b>1.86</b>	-0.51	0.48		
<b>JKVCC2</b>	<b>5.33</b>	0.36	1.54	<b>4.53</b>	-0.15	0.43	<b>16.53</b>	0.25	0.74	<b>2.70</b>	-0.03	0.70	<b>3.53</b>	0.58	1.00		
<b>K6YBGF</b>	<b>4.99</b>	0.12	0.23	<b>4.49</b>	-0.18	0.30	<b>15.66</b>	-0.03	1.10	<b>2.72</b>	0.00	0.19	<b>2.24</b>	-0.27	0.13		
<b>L7RLR9</b>	<b>6.18</b>	0.96	1.34	<b>5.33</b>	0.58	0.23	<b>17.43</b>	0.54	0.82	<b>3.02</b>	0.47	1.20	<b>4.57</b>	1.25	0.21		
<b>LWYD8H</b>	<b>5.20</b>	0.27	0.56	<b>4.20</b>	-0.45	0.81	<b>15.70</b>	-0.01	0.72	<b>2.72</b>	0.00	0.29	<b>4.16</b>	0.99	1.70		
<b>MZDCVW</b>	<b>8.47</b>	2.57		<b>7.43</b>	2.51		<b>20.32</b>	1.46		<b>4.53</b>	2.84		<b>6.36</b>	2.43			
<b>NUNAAC</b>	<b>3.52</b>	-0.92	0.83	<b>4.92</b>	0.21	0.70	<b>11.23</b>	-1.44	0.56	<b>2.46</b>	-0.40	0.26	<b>2.18</b>	-0.31	0.53		
<b>P7CJPP</b>	<b>4.35</b>	-0.33	1.99	<b>4.82</b>	0.11	2.95	<b>18.51</b>	0.88	1.25	<b>3.02</b>	0.48	2.86	<b>3.46</b>	0.53	3.30		
<b>REKR93</b>	<b>4.47</b>	-0.25	0.13	<b>4.52</b>	-0.16	0.28	<b>17.26</b>	0.48	0.67	<b>2.51</b>	-0.32	0.76	<b>2.51</b>	-0.09	0.32		
<b>W3PC7U</b>	<b>4.64</b>	-0.13	0.29	<b>3.38</b>	-1.21	0.12	<b>15.57</b>	-0.06	0.91	<b>2.58</b>	-0.22	1.64	<b>2.92</b>	0.18	0.22		
<b>XNRFMW</b>	<b>5.02</b>	0.14	0.16	<b>4.69</b>	0.00	0.16	<b>18.39</b>	0.84	0.27	<b>3.00</b>	0.44	0.22	<b>5.14</b>	1.63	0.58		
<b>Y8Y834</b>	<b>4.65</b>	-0.12	2.56	<b>3.76</b>	-0.86	2.34	<b>12.47</b>	-1.05	2.00	<b>2.11</b>	-0.95	0.67	<b>1.69</b>	-0.63	0.76		
<b>YCQELC</b>	<b>5.47</b>	0.46	0.39	<b>4.92</b>	0.20	0.23	<b>15.47</b>	-0.09	0.24	<b>3.04</b>	0.50	0.16	<b>4.88</b>	1.46	0.43		



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

<b>Mg - sp (SubTestCode 107) in the Salinity Property Groups</b>						<b>Data units: mmolc/L</b>
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	4.82	4.69	15.7	2.72	2.65	
<b>Median Abs Dev</b>	0.73	0.38	2.2	0.29	0.80	
<b>Avg Within Lab SD</b>	0.25	0.36	0.6	0.14	0.21	
<b>Labs Included</b>	20	20	20	20	20	
<b>Labs Reporting</b>	21	21	21	21	21	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Na - sp (SubTestCode 108) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3RENYR</b>	<b>1.05</b>	0.80					<b>2.77</b>	0.51		<b>0.82</b>	0.70		<b>0.67</b>	0.92			
<b>3RQMRF</b>	<b>0.70</b>	-1.18		<b>0.30</b>	0.75		<b>1.81</b>	-1.61		<b>0.61</b>	-0.82		<b>0.43</b>	-0.48			
<b>48ZQUM</b>	<b>0.99</b>	0.47	0.66	<b>0.15</b>	-0.43	0.11	<b>3.06</b>	1.15	0.91	<b>0.77</b>	0.32	0.55	<b>0.42</b>	-0.57	0.20		
<b>9KBWU3</b>	<b>1.00</b>	0.51		<b>0.27</b>	0.50	1.10	<b>2.60</b>	0.13	1.46	<b>0.70</b>	-0.16	0.00	<b>0.53</b>	0.11	1.17		
<b>DEA7ET</b>	<b>0.77</b>	-0.78	0.28				<b>2.02</b>	-1.15	0.35	<b>0.62</b>	-0.73	0.41	<b>0.52</b>	0.05	0.19		
<b>F4YL8G</b>	<b>15.24</b>	81.38X	9.80	<b>5.84</b>	43.88X	4.11	<b>45.74</b>	95.88X	5.38	<b>14.30</b>	96.38X	1.13	<b>9.59</b>	53.99X	12.53		
<b>FR9W8B</b>	<b>0.99</b>	0.45	1.27	<b>0.21</b>	0.04	0.16	<b>2.41</b>	-0.30	0.46	<b>0.73</b>	0.04	0.53	<b>0.43</b>	-0.51	0.08		
<b>GGKFWF</b>	<b>0.88</b>	-0.18	1.97	<b>0.30</b>	0.75	3.23	<b>2.62</b>	0.17	1.54	<b>1.26</b>	3.78X	3.27	<b>0.55</b>	0.18	2.97		
<b>J6YXET</b>	<b>1.16</b>	1.43	1.29	<b>0.53</b>	2.55	0.14	<b>2.27</b>	-0.60	1.50	<b>0.96</b>	1.66	0.78	<b>0.77</b>	1.53	0.59		
<b>JKVCC2</b>	<b>1.45</b>	3.07X	7.83	<b>0.54</b>	2.60	0.95	<b>2.81</b>	0.60	1.46	<b>1.04</b>	2.28	1.80	<b>0.78</b>	1.59	1.53		
<b>K6YBGF</b>	<b>0.91</b>	0.00	0.28	<b>0.15</b>	-0.44	0.08	<b>2.55</b>	0.02	0.64	<b>0.74</b>	0.10	0.32	<b>0.41</b>	-0.64	0.11		
<b>L7RLR9</b>	<b>1.07</b>	0.92	0.84	<b>0.20</b>	-0.03	0.20	<b>2.84</b>	0.66	1.11	<b>0.89</b>	1.16	1.19	<b>0.66</b>	0.85	0.35		
<b>LWYD8H</b>	<b>0.90</b>	-0.06	0.23	<b>0.18</b>	-0.20	0.58	<b>2.35</b>	-0.43	0.72	<b>0.70</b>	-0.13	0.50	<b>0.51</b>	-0.05	0.58		
<b>MZDCVW</b>	<b>1.08</b>	0.97		<b>0.39</b>	1.46		<b>2.58</b>	0.09		<b>0.91</b>	1.33		<b>0.73</b>	1.28			
<b>NUNAAC</b>	<b>0.63</b>	-1.58	0.69	<b>0.18</b>	-0.14	0.64	<b>1.87</b>	-1.48	0.66	<b>0.65</b>	-0.51	0.68	<b>0.37</b>	-0.88	0.73		
<b>P7CJPP</b>	<b>0.77</b>	-0.81	1.32	<b>0.23</b>	0.24	1.10	<b>2.07</b>	-1.05	0.97	<b>0.63</b>	-0.63	1.38	<b>0.43</b>	-0.49	1.17		
<b>REKR93</b>	<b>0.78</b>	-0.74	0.23	<b>0.14</b>	-0.51	0.22	<b>2.53</b>	-0.02	0.88	<b>0.64</b>	-0.61	0.60	<b>0.41</b>	-0.63	0.20		
<b>W3PC7U</b>	<b>1.00</b>	0.54	0.33	<b>0.20</b>	0.00	0.27	<b>1.96</b>	-1.28	0.87	<b>0.69</b>	-0.23	0.07	<b>0.50</b>	-0.09	0.25		
<b>XNRFMW</b>	<b>0.89</b>	-0.09	0.26				<b>2.95</b>	0.92	0.27	<b>0.76</b>	0.27	0.48	<b>0.71</b>	1.14	0.23		
<b>Y8Y834</b>	<b>0.72</b>	-1.06	2.00	<b>0.15</b>	-0.41	0.38	<b>1.96</b>	-1.29	1.30	<b>0.56</b>	-1.15	2.28	<b>0.34</b>	-1.06	1.11		
<b>YCQELC</b>	<b>0.95</b>	0.25	0.13	<b>0.15</b>	-0.41	0.38	<b>2.56</b>	0.05	0.35	<b>0.72</b>	0.00	1.21	<b>0.59</b>	0.44	0.53		





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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	0.91	0.20	2.54	0.72	0.52	
<b>Median Abs Dev</b>	0.13	0.06	0.27	0.09	0.10	
<b>Avg Within Lab SD</b>	0.04	0.05	0.12	0.04	0.05	
<b>Labs Included</b>	19	17	20	19	20	
<b>Labs Reporting</b>	21	18	21	21	21	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>0.34</b>	0.32					<b>0.42</b>	0.00		<b>0.25</b>	0.24		<b>0.26</b>	0.82		
<b>3RQMRF</b>	<b>0.44</b>	1.71		<b>0.23</b>	1.60		<b>0.49</b>	1.21		<b>0.33</b>	1.71		<b>0.34</b>	2.54		
<b>48ZQUM</b>	<b>0.31</b>	-0.14	0.15				<b>0.45</b>	0.52	1.88	<b>0.23</b>	-0.13	0.00				
<b>9KBWU3</b>	<b>0.30</b>	-0.23	0.00	<b>0.10</b>	0.00	0.00	<b>0.30</b>	-2.10	0.00	<b>0.20</b>	-0.70	0.00	<b>0.20</b>	-0.41	0.00	
<b>FR9W8B</b>	<b>0.35</b>	0.41	0.61	<b>0.09</b>	-0.17	0.44	<b>0.40</b>	-0.41	0.41	<b>0.24</b>	-0.01	0.31	<b>0.22</b>	0.00	0.00	
<b>J6YXET</b>	<b>0.45</b>	1.77	0.31	<b>0.24</b>	1.82	0.96	<b>0.45</b>	0.56	0.65	<b>0.37</b>	2.42	0.53	<b>0.43</b>	4.30X	0.40	
<b>JKVCC2</b>	<b>0.50</b>	2.45	3.36	<b>0.23</b>	1.59	1.75	<b>0.46</b>	0.76	2.05	<b>0.35</b>	2.12	1.41	<b>0.32</b>	2.04	1.54	
<b>K6YBGF</b>	<b>0.30</b>	-0.21	0.09	<b>0.06</b>	-0.50	0.11	<b>0.41</b>	-0.25	0.27	<b>0.24</b>	0.00	0.22	<b>0.21</b>	-0.18	0.12	
<b>L7RLR9</b>	<b>0.33</b>	0.23	0.07	<b>0.08</b>	-0.27	0.37	<b>0.44</b>	0.33	1.04	<b>0.27</b>	0.64	1.16	<b>0.24</b>	0.39	0.31	
<b>MZDCVW</b>	<b>0.33</b>	0.18		<b>0.15</b>	0.63		<b>0.42</b>	0.00		<b>0.28</b>	0.81		<b>0.26</b>	0.82		
<b>NUNAAC</b>	<b>0.27</b>	-0.70	0.16	<b>0.08</b>	-0.30	1.26	<b>0.39</b>	-0.54	0.84	<b>0.23</b>	-0.13	0.71	<b>0.20</b>	-0.48	0.92	
<b>P7CJPP</b>	<b>0.28</b>	-0.50	0.26	<b>0.11</b>	0.17	1.16	<b>0.35</b>	-1.28	0.82	<b>0.23</b>	-0.07	0.81	<b>0.22</b>	0.00	1.03	
<b>REKR93</b>	<b>0.28</b>	-0.45	0.15				<b>0.41</b>	-0.23	0.82	<b>0.22</b>	-0.38	0.31	<b>0.20</b>	-0.41	0.00	
<b>XNRFMW</b>	<b>0.32</b>	0.00	0.15				<b>0.46</b>	0.70	0.00	<b>0.24</b>	0.12	0.31	<b>0.24</b>	0.41	0.00	
<b>Y8Y834</b>	<b>0.26</b>	-0.82	0.31	<b>0.07</b>	-0.38	1.31	<b>0.35</b>	-1.22	0.71	<b>0.20</b>	-0.63	2.63	<b>0.21</b>	-0.27	2.37	

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	0.32			0.10			0.42			0.24			0.22			
<b>Median Abs Dev</b>	0.03			0.03			0.03			0.02			0.02			
<b>Avg Within Lab SD</b>	0.04			0.01			0.01			0.02			0.02			
<b>Labs Included</b>	15			11			15			15			13			
<b>Labs Reporting</b>	15			11			15			15			14			



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CI - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RENYR</b>				<b>0.73</b>	1.79					<b>1.02</b>	2.29		<b>0.85</b>	2.37	
<b>3RQMRP</b>	<b>0.31</b>	0.74		<b>0.51</b>	0.00		<b>0.69</b>	0.13		<b>0.61</b>	-0.27		<b>0.47</b>	-0.17	
<b>48ZQUM</b>				<b>0.42</b>	-0.72	0.22	<b>0.64</b>	-0.12	0.32	<b>0.61</b>	-0.28	0.26	<b>0.40</b>	-0.68	0.66
<b>7HRYN9</b>	<b>0.33</b>	0.92	0.67	<b>0.61</b>	0.84	0.06	<b>0.82</b>	0.84	0.63	<b>0.94</b>	1.79	0.74	<b>0.69</b>	1.26	1.07
<b>9KBWU3</b>	<b>0.17</b>	-0.73	2.34	<b>0.58</b>	0.59	1.96	<b>0.73</b>	0.34	1.03	<b>0.71</b>	0.31	1.66	<b>0.64</b>	0.92	2.06
<b>BRLZRF</b>	<b>1.75</b>	15.68X		<b>3.67</b>	25.40X		<b>0.90</b>	1.30		<b>1.35</b>	4.37X		<b>1.50</b>	6.76X	
<b>FR9W8B</b>	<b>0.20</b>	-0.41	0.60	<b>0.55</b>	0.35	0.50	<b>0.72</b>	0.31	0.98	<b>0.66</b>	0.00	0.33	<b>0.50</b>	0.02	0.50
<b>GGKFWF</b>	<b>0.14</b>	-1.03	0.08	<b>0.68</b>	1.40	1.91	<b>0.70</b>	0.20	0.64	<b>0.56</b>	-0.59	0.29	<b>0.65</b>	1.02	1.86
<b>J6YXET</b>	<b>0.14</b>	-1.07	0.15	<b>0.47</b>	-0.31	0.69	<b>0.47</b>	-1.10	0.21	<b>0.56</b>	-0.59	0.61	<b>0.42</b>	-0.56	0.33
<b>JKVCC2</b>	<b>0.37</b>	1.31	2.38	<b>0.47</b>	-0.32	1.09	<b>0.60</b>	-0.36	0.00	<b>0.70</b>	0.27	0.00	<b>0.50</b>	0.00	
<b>K6YBGF</b>	<b>0.17</b>	-0.74	0.17	<b>0.54</b>	0.26	0.37	<b>0.62</b>	-0.22	0.11	<b>0.69</b>	0.18	0.16	<b>0.56</b>	0.39	0.39
<b>L7RLR9</b>	<b>0.24</b>	0.00	0.59	<b>0.52</b>	0.08	0.03	<b>0.81</b>	0.78	1.28	<b>0.91</b>	1.60	2.23	<b>0.57</b>	0.46	0.69
<b>LWYD8H</b>	<b>0.33</b>	0.93	0.41	<b>0.53</b>	0.19	1.00	<b>0.82</b>	0.86	0.67	<b>0.77</b>	0.69	0.70	<b>0.57</b>	0.50	1.01
<b>NUNAAC</b>	<b>0.14</b>	-1.00	0.45	<b>0.38</b>	-1.01	0.58	<b>0.44</b>	-1.26	0.66	<b>0.50</b>	-0.97	0.62	<b>0.37</b>	-0.90	0.36
<b>P7CJPP</b>	<b>0.25</b>	0.10	0.71	<b>0.41</b>	-0.80	1.04	<b>0.61</b>	-0.29	0.92	<b>0.79</b>	0.84	2.29	<b>0.48</b>	-0.11	1.22
<b>REKR93</b>							<b>0.69</b>	0.12	0.15	<b>0.64</b>	-0.11	0.30			
<b>W3PC7U</b>	<b>0.27</b>	0.30	0.59	<b>0.39</b>	-0.95	0.46	<b>0.43</b>	-1.27	0.39	<b>0.62</b>	-0.22	0.70	<b>0.45</b>	-0.35	0.13
<b>Y8Y834</b>	<b>0.24</b>	0.03	0.63	<b>0.47</b>	-0.27	1.34	<b>0.40</b>	-1.45	3.06	<b>0.66</b>	0.00	0.44	<b>0.42</b>	-0.56	1.04
<b>YCQELC</b>	<b>0.16</b>	-0.80	0.12	<b>0.31</b>	-1.58	1.00	<b>0.45</b>	-1.19	0.26	<b>0.48</b>	-1.14	0.44	<b>0.32</b>	-1.20	0.11

CI - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	0.24			0.51			0.67			0.66			0.50		
<b>Median Abs Dev</b>	0.07			0.07			0.10			0.07			0.08		
<b>Avg Within Lab SD</b>	0.05			0.05			0.08			0.06			0.05		
<b>Labs Included</b>	15			17			18			18			17		
<b>Labs Reporting</b>	16			18			18			19			18		



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>3.48</b>	0.66		<b>0.25</b>	1.21		<b>25.20</b>	0.62		<b>3.27</b>	0.99		<b>0.90</b>	0.25		
<b>3RQMRP</b>	<b>1.02</b>	-2.09		<b>0.12</b>	-0.36		<b>7.69</b>	-3.42X		<b>1.20</b>	-1.64		<b>0.56</b>	-0.61		
<b>48ZQUM</b>	<b>3.64</b>	0.84	0.32				<b>27.50</b>	1.15	0.41	<b>3.34</b>	1.08	0.11	<b>0.70</b>	-0.26	0.64	
<b>7HRYN9</b>	<b>2.89</b>	0.00	0.28	<b>0.11</b>	-0.46	0.08	<b>24.25</b>	0.40	0.69	<b>2.49</b>	0.00	0.54	<b>0.54</b>	-0.67	0.13	
<b>9KBWU3</b>	<b>3.25</b>	0.40	0.71	<b>0.18</b>	0.36	0.00	<b>23.20</b>	0.16	0.49	<b>3.00</b>	0.64	0.33	<b>1.18</b>	0.96	0.56	
<b>FR9W8B</b>	<b>2.47</b>	-0.47	0.25	<b>0.15</b>	0.05	0.27	<b>20.98</b>	-0.35	0.03	<b>2.26</b>	-0.29	0.32	<b>0.44</b>	-0.93	0.10	
<b>GGKFWF</b>	<b>1.81</b>	-1.21	2.79	<b>0.36</b>	2.54	3.20	<b>12.02</b>	-2.42	0.28	<b>1.61</b>	-1.12	0.38	<b>0.62</b>	-0.47	1.86	
<b>J6YXET</b>	<b>2.19</b>	-0.78	0.59	<b>0.11</b>	-0.53	0.12	<b>15.09</b>	-1.71	1.46	<b>1.89</b>	-0.77	0.96	<b>0.82</b>	0.04	0.58	
<b>JKVCC2</b>	<b>4.20</b>	1.47	1.90	<b>0.33</b>	2.21	1.01	<b>22.90</b>	0.09	1.17	<b>3.20</b>	0.90	0.74	<b>1.13</b>	0.84	1.88	
<b>K6YBGF</b>	<b>3.37</b>	0.54	0.10	<b>0.13</b>	-0.19	0.17	<b>24.42</b>	0.44	0.43	<b>2.99</b>	0.63	0.50	<b>0.67</b>	-0.34	0.16	
<b>L7RLR9</b>	<b>3.41</b>	0.59	0.56	<b>0.15</b>	-0.02	0.04	<b>23.79</b>	0.29	0.06	<b>3.11</b>	0.78	0.94	<b>0.94</b>	0.35	0.28	
<b>LWYD8H</b>	<b>3.07</b>	0.21	0.09	<b>0.15</b>	0.00	0.46	<b>20.57</b>	-0.45	0.51	<b>2.94</b>	0.57	1.11	<b>0.80</b>	0.00	0.84	
<b>NUNAAC</b>	<b>2.15</b>	-0.83	0.44	<b>0.16</b>	0.15	0.09	<b>16.40</b>	-1.41	0.17	<b>2.35</b>	-0.18	0.94	<b>1.18</b>	0.95	0.43	
<b>P7CJPP</b>	<b>2.49</b>	-0.44	1.03	<b>0.22</b>	0.88	1.17	<b>18.97</b>	-0.82	0.71	<b>2.37</b>	-0.15	1.88	<b>1.24</b>	1.11	2.37	
<b>REKR93</b>	<b>2.30</b>	-0.66	0.19				<b>22.98</b>	0.11	0.47	<b>2.10</b>	-0.50	0.55	<b>0.27</b>	-1.37	0.07	
<b>Y8Y834</b>	<b>2.84</b>	-0.05	0.93	<b>0.12</b>	-0.40	0.10	<b>21.27</b>	-0.29	3.02	<b>2.17</b>	-0.40	2.37	<b>0.53</b>	-0.70	0.00	
<b>YCQELC</b>	<b>3.07</b>	0.21	0.26	<b>0.09</b>	-0.74	0.17	<b>22.13</b>	-0.09	0.47	<b>3.12</b>	0.80	0.36	<b>1.43</b>	1.61	0.57	

SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	2.89			0.15			22.5			2.49			0.80			
<b>Median Abs Dev</b>	0.53			0.03			1.8			0.51			0.26			
<b>Avg Within Lab SD</b>	0.28			0.06			0.9			0.14			0.08			
<b>Labs Included</b>	17			15			16			17			17			
<b>Labs Reporting</b>	17			15			17			17			17			



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>	<b>6.8</b>	-1.70		<b>7.1</b>	-1.38		<b>29.8</b>	-1.47		<b>3.7</b>	-1.97		<b>6.1</b>	-0.32	
<b>48ZQUM</b>	<b>17.7</b>	0.41	1.41	<b>15.1</b>	0.64	0.68	<b>70.4</b>	0.56	0.20	<b>16.3</b>	0.70	1.22	<b>7.3</b>	0.00	0.22
<b>FR9W8B</b>	<b>15.5</b>	0.00	0.49	<b>15.3</b>	0.67	0.37	<b>68.7</b>	0.48	0.28	<b>15.0</b>	0.43	0.33	<b>7.0</b>	-0.07	0.07
<b>J6YXET</b>	<b>5.0</b>	-2.04	0.19	<b>5.1</b>	-1.89	0.52	<b>19.8</b>	-1.97	0.47	<b>3.4</b>	-2.04	0.32	<b>2.8</b>	-1.23	0.24
<b>JKVCC2</b>	<b>17.9</b>	0.47	0.40	<b>14.6</b>	0.50	0.32	<b>59.1</b>	0.00	1.27	<b>13.8</b>	0.17	0.25	<b>13.1</b>	1.61	1.79
<b>K6YBGF</b>	<b>16.1</b>	0.11	0.13	<b>13.9</b>	0.32	0.26	<b>64.8</b>	0.28	0.35	<b>13.3</b>	0.07	0.16	<b>6.2</b>	-0.30	0.40
<b>L7RLR9</b>	<b>18.1</b>	0.51	0.46	<b>14.6</b>	0.50	0.91	<b>63.6</b>	0.23	0.14	<b>14.9</b>	0.40	0.10	<b>15.1</b>	2.17	1.15
<b>P7CJPP</b>	<b>10.8</b>	-0.92	0.57	<b>9.1</b>	-0.87	1.25	<b>31.6</b>	-1.38	0.80	<b>9.5</b>	-0.74	1.78	<b>7.5</b>	0.06	1.69
<b>REKR93</b>	<b>13.3</b>	-0.44	0.52	<b>12.6</b>	0.00	0.45	<b>59.8</b>	0.03	0.46	<b>13.0</b>	0.00	0.69	<b>7.8</b>	0.13	0.34
<b>W3PC7U</b>	<b>16.6</b>	0.21	0.27	<b>12.1</b>	-0.12	0.62	<b>50.9</b>	-0.41	0.07	<b>12.7</b>	-0.07	1.22	<b>9.1</b>	0.52	0.73
<b>Y8Y834</b>	<b>12.4</b>	-0.61	2.58	<b>10.4</b>	-0.54	2.44	<b>47.2</b>	-0.60	2.65	<b>9.0</b>	-0.84	1.75	<b>3.7</b>	-1.01	1.30

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	15.5			12.6			59.1			13.0			7.29		
<b>Median Abs Dev</b>	2.4			2.1			9.6			2.0			1.17		
<b>Avg Within Lab SD</b>	0.6			1.0			4.0			0.6			0.62		
<b>Labs Included</b>	11			11			11			11			11		
<b>Labs Reporting</b>	11			11			11			11			11		



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B - sp (SubTestCode 113) in the Salinity Property Groups														Data units: mg/L		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>0.250</b>	-0.32														
<b>3RQMRP</b>	<b>0.165</b>	-1.35		<b>0.033</b>	0.00		<b>0.348</b>	-1.30		<b>0.144</b>	-0.85		<b>0.070</b>	-0.07		
<b>48ZQUM</b>	<b>0.347</b>	0.86	2.86				<b>0.680</b>	1.52	0.46	<b>0.237</b>	0.46	1.02	<b>0.067</b>	-0.11	1.54	
<b>9KBWU3</b>	<b>0.387</b>	1.35	0.72	<b>0.140</b>	3.09	2.42	<b>0.653</b>	1.29	1.15	<b>0.363</b>	2.25	1.34	<b>0.193</b>	1.35	1.54	
<b>BRLZRF</b>	<b>0.420</b>	1.76		<b>0.220</b>	5.40X		<b>0.780</b>	2.37X		<b>0.450</b>	3.48X		<b>0.260</b>	2.12		
<b>DEA7ET</b>	<b>0.231</b>	-0.55	1.02				<b>0.483</b>	-0.16	0.21							
<b>FR9W8B</b>	<b>0.287</b>	0.14	0.28	<b>0.054</b>	0.60	0.00	<b>0.513</b>	0.10	0.17	<b>0.204</b>	0.00	0.88	<b>0.052</b>	-0.28	0.28	
<b>GGKFWF</b>	<b>0.312</b>	0.44	0.48	<b>0.126</b>	2.67	1.32	<b>0.543</b>	0.35	0.21	<b>0.262</b>	0.81	0.57	<b>0.136</b>	0.70	1.47	
<b>JKVCC2</b>							<b>0.600</b>	0.84	0.00							
<b>K6YBGF</b>	<b>0.322</b>	0.57	0.09	<b>0.042</b>	0.24	0.14	<b>0.604</b>	0.87	0.14	<b>0.190</b>	-0.21	0.05	<b>0.039</b>	-0.42	0.13	
<b>L7RLR9</b>	<b>0.277</b>	0.01	1.08	<b>0.032</b>	-0.06	0.35	<b>0.502</b>	0.00	0.25	<b>0.184</b>	-0.29	0.62	<b>0.072</b>	-0.05	0.53	
<b>LWYD8H</b>	<b>0.250</b>	-0.32	0.62	<b>0.033</b>	0.00	0.81	<b>0.393</b>	-0.92	2.52	<b>0.183</b>	-0.30	1.34	<b>0.080</b>	0.05	1.34	
<b>P7CJPP</b>	<b>0.187</b>	-1.09	0.95	<b>0.030</b>	-0.10	0.00	<b>0.337</b>	-1.40	0.26	<b>0.133</b>	-1.00	0.51	<b>0.063</b>	-0.15	0.77	
<b>W3PC7U</b>	<b>0.154</b>	-1.49	0.24	<b>0.030</b>	-0.10	1.10	<b>0.480</b>	-0.18	1.30	<b>0.293</b>	1.25	2.03	<b>0.154</b>	0.90	0.75	
<b>XNRFMW</b>	<b>0.315</b>	0.48	0.44				<b>0.527</b>	0.21	1.47	<b>0.280</b>	1.07	0.00	<b>0.285</b>	2.41	0.95	
<b>Y8Y834</b>	<b>0.271</b>	-0.06	0.41	<b>0.031</b>	-0.06	0.08	<b>0.434</b>	-0.57	1.28	<b>0.186</b>	-0.26	1.19	<b>0.042</b>	-0.39	0.15	
<b>YCQELC</b>	<b>0.275</b>	-0.01	0.26	<b>0.051</b>	0.51	0.64	<b>0.456</b>	-0.39	0.57	<b>0.205</b>	0.01	0.22	<b>0.116</b>	0.46	0.91	

B - sp (SubTestCode 113) in the Salinity Property Groups														Data units: mg/L		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	0.28			0.033			0.50			0.20			0.076			
<b>Median Abs Dev</b>	0.04			0.003			0.07			0.03			0.035			
<b>Avg Within Lab SD</b>	0.02			0.007			0.02			0.01			0.007			
<b>Labs Included</b>	16			11			15			13			14			
<b>Labs Reporting</b>	16			12			16			14			14			



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3K4CBL</b>	<b>0.74</b>	1.50	1.50	<b>0.50</b>	-0.19	0.78	<b>1.82</b>	-0.01	1.52	<b>0.60</b>	0.40	0.35	<b>0.42</b>	0.08	0.24	
<b>4WZZBZ</b>	<b>0.64</b>	0.82	0.09	<b>0.67</b>	1.00	0.49	<b>2.58</b>	1.52	1.43	<b>0.67</b>	0.91	0.16	<b>0.43</b>	0.19	0.23	
<b>6DJHEK</b>	<b>0.68</b>	1.10	0.64	<b>0.46</b>	-0.42	0.96	<b>2.28</b>	0.91	0.58	<b>0.56</b>	0.07	0.24	<b>0.29</b>	-0.85	0.22	
<b>7HRYN9</b>	<b>0.57</b>	0.39	0.50	<b>0.92</b>	2.65	0.22	<b>2.55</b>	1.45	0.31	<b>0.64</b>	0.72	0.70	<b>0.27</b>	-1.06	0.24	
<b>7M3C78</b>	<b>0.38</b>	-0.88	1.09	<b>0.46</b>	-0.44	0.75	<b>1.65</b>	-0.35	0.57	<b>0.41</b>	-1.08	0.61	<b>0.25</b>	-1.16	1.28	
<b>7PTBQX</b>	<b>0.59</b>	0.50	0.87	<b>0.54</b>	0.08	0.86	<b>2.44</b>	1.24	0.55	<b>0.65</b>	0.82	0.12	<b>0.52</b>	0.89	1.48	
<b>CJ74HL</b>	<b>0.62</b>	0.70	0.37	<b>0.60</b>	0.49	0.23	<b>2.15</b>	0.66	0.13	<b>0.67</b>	0.95	0.11	<b>0.58</b>	1.28	0.30	
<b>E7C2YX</b>	<b>0.41</b>	-0.70	0.43	<b>0.51</b>	-0.10	0.75	<b>1.52</b>	-0.61	0.28	<b>0.35</b>	-1.57	0.12	<b>0.30</b>	-0.78	0.64	
<b>F4YL8G</b>	<b>0.51</b>	-0.01	0.29	<b>0.71</b>	1.24	0.06	<b>1.83</b>	0.01	0.01	<b>0.62</b>	0.59	0.01	<b>0.53</b>	0.91	0.05	
<b>F6TCBB</b>	<b>0.47</b>	-0.32	2.51	<b>0.60</b>	0.51	0.00	<b>1.40</b>	-0.84	0.00	<b>0.50</b>	-0.38		<b>0.27</b>	-1.06	2.43	
<b>FJEPTC</b>	<b>0.41</b>	-0.72	2.96	<b>0.67</b>	0.98	2.46	<b>1.44</b>	-0.77	3.55	<b>0.49</b>	-0.43	3.28	<b>0.31</b>	-0.70	3.04	
<b>FR9W8B</b>	<b>0.61</b>	0.60	0.11	<b>0.43</b>	-0.67	0.26	<b>1.94</b>	0.24	0.11	<b>0.66</b>	0.88	0.29	<b>0.23</b>	-1.35	0.25	
<b>HKWNW K</b>	<b>0.52</b>	0.01	0.51	<b>0.50</b>	-0.17	1.54	<b>1.78</b>	-0.09	0.99	<b>0.55</b>	-0.01	0.28	<b>0.34</b>	-0.47	1.57	
<b>JKVCC2</b>	<b>0.62</b>	0.72	0.25	<b>0.88</b>	2.42	1.42	<b>2.71</b>	1.77	0.23	<b>0.62</b>	0.56	3.69	<b>0.51</b>	0.81	1.06	
<b>K6YBGF</b>	<b>0.63</b>	0.75	0.25	<b>0.94</b>	2.80	0.65	<b>2.61</b>	1.57	0.18	<b>0.73</b>	1.39	0.31	<b>0.30</b>	-0.80	0.00	
<b>L9EA7U</b>	<b>0.53</b>	0.09	0.00	<b>0.58</b>	0.35	0.00	<b>2.17</b>	0.69	0.00	<b>0.58</b>	0.24	0.00	<b>0.50</b>	0.68	0.00	
<b>LR4NKJ</b>	<b>0.59</b>	0.52	1.41	<b>0.41</b>	-0.75	0.19	<b>2.04</b>	0.43	0.22	<b>0.46</b>	-0.68	0.30	<b>0.46</b>	0.42	0.62	
<b>LWYD8H</b>	<b>0.46</b>	-0.36	0.43	<b>0.55</b>	0.15	0.43	<b>1.75</b>	-0.14	0.38	<b>0.48</b>	-0.56	0.31	<b>0.43</b>	0.18	0.84	
<b>MKKKCG</b>	<b>0.44</b>	-0.47	0.09	<b>0.51</b>	-0.08	3.09	<b>1.50</b>	-0.65	2.04	<b>0.48</b>	-0.56	0.75	<b>0.43</b>	0.17	0.70	
<b>MZDCVW</b>	<b>0.68</b>	1.12	0.90	<b>0.59</b>	0.46	0.94	<b>1.53</b>	-0.58	0.50	<b>0.59</b>	0.30	0.23	<b>0.40</b>	-0.02	0.64	
<b>NUNAAC</b>	<b>0.47</b>	-0.33	0.83	<b>0.46</b>	-0.42	0.97	<b>1.88</b>	0.12	0.59	<b>0.54</b>	-0.04	0.33	<b>0.42</b>	0.07	1.19	
<b>P7CJPP</b>	<b>0.51</b>	-0.06	0.45	<b>0.50</b>	-0.18	0.22	<b>1.60</b>	-0.45	0.23	<b>0.43</b>	-0.89	0.46	<b>0.39</b>	-0.09	0.11	
<b>PRRX6W</b>	<b>0.44</b>	-0.50	0.43	<b>0.51</b>	-0.12	0.22	<b>1.88</b>	0.12	0.18	<b>0.55</b>	0.01	0.20	<b>0.43</b>	0.20	0.24	
<b>R9V879</b>	<b>0.29</b>	-1.48	0.91	<b>0.48</b>	-0.30	0.40	<b>1.34</b>	-0.96	0.56	<b>0.40</b>	-1.19	0.13	<b>0.30</b>	-0.78	0.24	
<b>TX6BCK</b>	<b>0.43</b>	-0.59	1.37	<b>0.54</b>	0.11	0.22	<b>1.64</b>	-0.36	0.31	<b>0.49</b>	-0.46	0.11	<b>0.41</b>	0.02	0.61	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WDPZXR</b>	<b>0.29</b>	-1.50	0.43	<b>0.42</b>	-0.69	0.57	<b>1.40</b>	-0.84	0.88	<b>0.34</b>	-1.60	0.12	<b>0.26</b>	-1.11	0.42	
<b>XTF3EV</b>	<b>0.63</b>	0.77	0.47	<b>0.64</b>	0.77	0.06	<b>2.14</b>	0.64	0.74	<b>0.62</b>	0.57	0.05	<b>0.54</b>	1.02	0.74	
<b>Y8Y834</b>	<b>0.31</b>	-1.36	0.37	<b>0.47</b>	-0.35	1.06	<b>1.39</b>	-0.86	1.44	<b>0.42</b>	-1.04	0.17	<b>0.18</b>	-1.75	0.11	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2211		SRS2212			SRS2213			SRS2214			SRS2215					
<b>Grand Median</b>	0.51			0.52			1.82			0.55			0.41			
<b>Median Abs Dev</b>	0.10			0.06			0.32			0.07			0.10			
<b>Avg Within Lab SD</b>	0.02			0.03			0.11			0.05			0.02			
<b>Labs Included</b>	28			28			28			28			28			
<b>Labs Reporting</b>	28			28			28			28			28			





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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3RENYR	0.34	0.07	1.35	0.50	0.26	1.25	1.52	0.23	0.73	0.42	0.38	0.77	0.25	-0.09	0.79	
46W3BQ	0.52	2.56	1.86	0.52	0.56	0.58	1.78	1.26	0.60	0.50	1.66	3.20	0.29	0.47	2.10	
4HGHEP	0.25	-1.25	0.77	0.32	-2.05	1.61	1.04	-1.61	0.30	0.27	-1.92	0.66	0.12	-1.87	0.44	
4WZZBZ	0.37	0.51	0.32	0.53	0.61	0.65	1.62	0.63	0.16	0.42	0.36	0.08	0.24	-0.19	0.39	
7HRYN9	0.34	0.09	0.52	0.48	0.00	0.00	1.46	0.00	0.35	0.41	0.22	0.00	0.17	-1.27	0.70	
93P9K8	0.30	-0.49	0.52	0.45	-0.43	0.58	1.46	0.00	0.35	0.37	-0.40	0.00	0.22	-0.52	0.00	
9L3TJW	0.28	-0.89	0.41	0.21	-3.49X	0.31	0.76	-2.71X	0.23	0.34	-0.82	1.25	0.18	-1.05	0.12	
AJT3UT	0.34	0.06	0.67	0.51	0.34	0.38	1.49	0.11	0.02	0.41	0.22	0.12	0.30	0.58	0.39	
BQCTQ8	0.28	-0.88	0.00	0.44	-0.50	0.00	1.34	-0.46	0.00	0.35	-0.71	0.00	0.31	0.78	0.00	
BY444N	0.37	0.51	0.31	0.50	0.26	0.35	1.53	0.28	0.05	0.44	0.69	0.18	0.31	0.79	0.30	
CJ74HL	0.35	0.11	0.09	0.46	-0.25	0.36	1.44	-0.05	0.43	0.41	0.24	0.16	0.34	1.22	0.39	
FEFB42	0.34	0.09	0.52	0.33	-1.89	0.58	1.23	-0.88	0.39	0.34	-0.86	1.42	0.27	0.23	0.70	
FR9W8B	0.35	0.11	0.93	0.42	-0.77	0.81	1.37	-0.33	0.10	0.42	0.32	0.90	0.14	-1.68	1.37	
FW2YDW	0.30	-0.49	0.16	0.43	-0.65	0.06	1.27	-0.73	0.01	0.37	-0.44	0.18	0.24	-0.20	0.82	
JB36RB	0.35	0.25	1.01	0.50	0.20	1.11	1.51	0.22	0.30	0.40	0.13	0.61	0.32	0.92	0.30	
JKVCC2	0.33	-0.10	0.00	0.49	0.09	0.58	1.42	-0.14	1.77	0.39	-0.14	0.41	0.28	0.33	1.21	
K6YBGF	0.36	0.32	0.00	0.50	0.22	1.16	1.48	0.09	0.23	0.43	0.53	0.00	0.17	-1.17	0.70	
LLZKW7	0.47	1.90	1.55	0.50	0.26	2.02	1.78	1.27	1.51	0.45	0.89	1.48	0.31	0.75	2.10	
M9R2U6	0.33	-0.06	0.26	0.49	0.16	0.35	1.49	0.14	0.23	0.39	-0.05	0.08	0.30	0.63	0.25	
MDMQE H	0.29	-0.72	0.52	0.35	-1.63	0.58	1.13	-1.27	0.23	0.31	-1.28	0.41	0.25	-0.05	0.70	
MKKKCG	0.25	-1.21	0.29	0.30	-2.28	0.00	1.05	-1.57	0.05	0.31	-1.29	0.29	0.23	-0.34	0.18	
NUNAAC	0.33	-0.12	0.99	0.37	-1.41	2.27	1.27	-0.73	0.39	0.35	-0.72	0.94	0.26	0.05	2.83	
T8VTTE	0.46	1.80	0.63	0.64	2.10	1.75	2.01	2.15	0.26	0.54	2.26	0.78	0.31	0.68	0.61	
V3XUTA	0.33	-0.16	0.59	0.47	-0.16	0.99	1.53	0.30	0.16	0.39	-0.17	0.64	0.25	-0.07	0.92	
WAQN2R	0.52	2.66	1.03	0.42	-0.77	1.01	1.96	1.95	2.52	0.51	1.82	1.48	0.28	0.37	1.40	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups															Data units: dS/m			
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>XAP99R</b>	<b>0.33</b>	-0.10	3.58	<b>0.48</b>	-0.04	1.54	<b>1.14</b>	-1.22	3.62	<b>0.39</b>	-0.09	1.88	<b>0.28</b>	0.28	0.70			
<b>XNRFMW</b>	<b>0.27</b>	-1.02	0.23	<b>0.50</b>	0.30	0.45	<b>1.40</b>	-0.22	0.23	<b>0.40</b>	0.05	0.83	<b>0.21</b>	-0.70	0.18			
<b>ZVG6WW</b>	<b>0.31</b>	-0.37	0.27	<b>0.48</b>	0.01	0.36	<b>1.54</b>	0.34	0.13	<b>0.38</b>	-0.22	0.94	<b>0.14</b>	-1.62	0.07			
Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups															Data units: dS/m			
		SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
<b>Grand Median</b>		0.34			0.48			1.46			0.40			0.26				
<b>Median Abs Dev</b>		0.03			0.03			0.09			0.03			0.04				
<b>Avg Within Lab SD</b>		0.01			0.01			0.04			0.01			0.01				
<b>Labs Included</b>		28			27			27			28			28				
<b>Labs Reporting</b>		28			28			28			28			28				



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2H7U4Z	7.03	0.25	0.19	5.64	0.23	0.16	7.63	0.32	0.17	7.47	0.70	0.23	5.27	-0.44	0.10	
3K4CBL	7.03	0.28	1.27	5.61	0.01	1.30	7.42	-0.67	2.56	7.24	-0.86	3.43	5.37	0.04	0.54	
3RENYR	7.11	0.85	0.32	5.63	0.13	0.66	7.66	0.48	0.77	7.37	0.00	0.73	5.36	-0.01	0.10	
3RQMRF	7.21	1.60		5.74	0.95		8.11	2.59		7.62	1.72		5.64	1.32		
44XPUP	6.75	-1.85		5.55	-0.42		7.15	-1.95		7.18	-1.27		5.54	0.85		
46W3BQ	6.57	-3.23X	1.08	5.40	-1.50	1.64	7.00	-2.66	1.71	7.07	-2.04	1.31	5.13	-1.08	0.56	
4R8ZUJ	6.95	-0.35	0.19	5.62	0.11	0.34	7.47	-0.43	0.17	7.31	-0.36	0.13	5.25	-0.55	0.24	
4WZZBZ	6.93	-0.48	0.11	5.47	-1.00	0.28	7.46	-0.46	0.10	7.28	-0.59	0.00	5.37	0.04	0.10	
6DJHEK	7.04	0.35	2.51	5.63	0.16	2.28	7.41	-0.70	2.17	7.24	-0.86	2.56	5.45	0.40	0.65	
6G7VHW	7.07	0.55	0.49	5.66	0.40	0.41	7.59	0.15	0.39	7.40	0.20	0.26	5.27	-0.44	0.26	
724LC3	7.16	1.23	0.19	6.05	3.16X	0.25	7.52	-0.18	1.72	7.56	1.31	0.68	5.14	-1.05	5.88	
7HRYN9	7.04	0.33	3.49	5.47	-0.97	3.16	7.14	-2.01	3.39	7.08	-1.97	1.67	5.34	-0.12	1.40	
7PTBQX	6.91	-0.68	0.11	5.46	-1.04	0.09	7.55	-0.06	0.00	7.24	-0.86	0.23	4.97	-1.88	0.88	
AH34DA	6.97	-0.18	0.11	5.71	0.73	0.16	6.24	-6.25X	19.65	7.40	0.20	0.13	5.50	0.67	0.06	
AJT3UT	7.22	1.65	0.11	5.91	2.20	0.25	7.86	1.39	0.26	7.49	0.81	0.57	5.47	0.50	0.11	
BQCTQ8	6.94	-0.43	0.86	5.55	-0.44	0.66	7.54	-0.12	0.69	7.36	-0.02	0.35	5.13	-1.10	0.19	
BZF3XX	7.07	0.58	0.11	5.77	1.19	0.19	7.61	0.23	0.62	7.45	0.57	0.68	5.26	-0.50	0.15	
CJ74HL	7.12	0.93	0.75	5.85	1.76	0.25	7.71	0.72	0.86	7.51	1.00	1.64	5.12	-1.13	0.22	
E7C2YX	6.99	-0.03	0.22	5.49	-0.83	0.19	7.60	0.17	0.60	7.29	-0.54	0.52	5.29	-0.32	0.11	
F6TCBB	7.10	0.78	0.00	5.63	0.18	0.95	7.70	0.65	0.00	7.50	0.91		5.50	0.66		
FEFB42	6.98	-0.13	0.32	5.62	0.06	0.09	7.60	0.18	0.17	7.38	0.11	0.35	5.22	-0.69	0.06	
FJEPTC	7.05	0.43	0.94	5.55	-0.42	1.42	7.57	0.02	0.98	7.35	-0.09	1.14	5.38	0.09	0.34	
FMTMW T	7.15	1.18	0.39	5.50	-0.80	0.38	7.73	0.78	0.10	7.43	0.41	0.26	5.15	-1.01	0.19	
FR9W8B	6.91	-0.65	0.67	5.49	-0.88	0.34	7.72	0.76	0.88	7.52	1.06	0.69	5.43	0.34	0.39	
FW2YDW	6.95	-0.35	0.37	5.53	-0.54	0.09	7.55	-0.06	0.34	7.43	0.43	0.23	5.52	0.74	0.24	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
FWGF74	6.93	-0.50	1.49	5.47	-1.02	1.19	7.55	-0.04	0.60	7.30	-0.43	0.47	5.14	-1.05	0.68	
H298Q7	6.99	-0.08	0.11	5.62	0.08	0.00	7.67	0.50	0.20	7.44	0.52	0.26	5.46	0.45	0.06	
HKWNW K	7.10	0.75	1.69	5.68	0.52	0.28	7.49	-0.32	2.03	7.25	-0.81	1.67	5.49	0.63	0.15	
HRHJXP	6.74	-1.93	1.12	5.43	-1.28	1.43	7.27	-1.38	0.30	7.12	-1.65	0.73	4.95	-1.97	0.40	
JKVCC2	7.14	1.05	3.55	5.62	0.11	3.69	6.53	-4.86X	2.57	6.97	-2.72	1.51	5.82	2.18	3.37	
JYYG23	6.99	-0.04	0.70	5.68	0.52	0.43	7.48	-0.38	0.92	7.34	-0.19	1.55	5.44	0.39	0.51	
K3R37A	6.83	-1.25	0.19	5.34	-1.93	0.71	7.37	-0.91	0.17	7.48	0.77	1.26	5.65	1.37	0.64	
K6YBGF	6.87	-0.95	1.12	5.37	-1.69	0.50	7.10	-2.18	0.00	7.10	-1.79	0.95	5.26	-0.48	0.26	
L7RLR9	7.07	0.53	1.08	5.70	0.66	0.00	7.67	0.50	0.98	7.37	0.00	1.31	5.17	-0.93	0.56	
L9EA7U	6.96	-0.28	0.00	5.50	-0.78		7.53	-0.15	0.00	7.30	-0.45	0.00	5.08	-1.34	0.00	
LK6WHG	6.76	-1.75	0.43	5.51	-0.73	1.52	7.28	-1.32	0.49	7.07	-2.01	0.23	4.80	-2.68X	0.70	
LR4NKJ	6.73	-2.00	0.86	5.59	-0.11	1.09	7.23	-1.55	1.68	7.24	-0.88	0.52	5.43	0.32	1.10	
LWYD8H	7.08	0.65	0.88	5.67	0.47	0.58	7.54	-0.10	0.74	7.41	0.27	0.57	5.20	-0.75	0.06	
M9R2U6	7.11	0.85	0.19	5.57	-0.30	0.09	7.63	0.31	0.26	7.39	0.16	0.23	5.07	-1.39	0.10	
MKKKCG	6.64	-2.66	0.84	5.63	0.13	0.19	7.21	-1.66	0.45	7.38	0.07	0.13	5.14	-1.07	0.15	
MNNBLG	6.99	-0.03	0.22	5.54	-0.52	0.34	7.61	0.24	0.36	7.32	-0.32	0.39	5.44	0.39	0.11	
MZDCVW	7.04	0.35	0.94	5.61	-0.01	0.34	7.71	0.69	0.36	7.40	0.23	0.79	5.23	-0.64	0.20	
NUNAAC	7.07	0.55	0.19	5.61	0.01	0.33	7.70	0.64	0.26	7.41	0.27	0.13	5.52	0.77	0.06	
P7CJPP	6.97	-0.23	0.22	5.70	0.66	0.33	7.61	0.21	0.10	7.39	0.18	0.13	5.47	0.50	0.15	
PRRX6W	7.00	0.03		5.80	1.38	0.00	7.70	0.65	0.00	7.30	-0.45	0.00	5.40	0.18	0.00	
R74HFZ	6.73	-1.98	0.66	5.41	-1.43	0.91	7.33	-1.11	0.77	7.13	-1.58	1.02	5.12	-1.13	0.50	
R9V879	7.15	1.13	0.21	5.67	0.46	0.22	7.86	1.41	0.30	7.48	0.77	0.39	5.57	0.98	0.35	
TX6BCK	7.02	0.18	0.32	5.75	1.04	0.09	7.57	0.04	0.17	7.42	0.34	0.26	5.57	0.99	0.10	
TZVAR4	6.94	-0.45	0.57	5.68	0.49	0.25	7.18	-1.79	0.60	7.42	0.38	1.16	5.29	-0.34	0.64	
UJQ3D3	7.04	0.35	0.11	5.49	-0.88	0.09	7.51	-0.26	0.10	7.39	0.16	0.23	5.39	0.12	0.06	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
V3XUTA	7.02	0.20	0.88	5.65	0.32	0.99	7.58	0.07	0.77	7.36	-0.02	1.33	5.36	0.01	1.01	
WAQN2R	7.00	0.00	0.39	5.70	0.66	0.28	7.60	0.17	0.52	7.43	0.41	0.57	5.54	0.83	0.15	
WDPZXR	6.90	-0.73	0.00	5.62	0.06	0.47	7.50	-0.29		7.38	0.11	0.66	5.40	0.18	0.00	
XAP99R	6.92	-0.58	1.59	5.66	0.37	1.83	7.43	-0.62	1.94	7.31	-0.41	1.33	5.29	-0.32	0.39	
XK8TNG	6.97	-0.19	0.29	5.59	-0.14	0.06	7.62	0.29	0.05	7.41	0.30	0.14	5.38	0.11	0.05	
XLXR62	7.00	0.03		5.53	-0.54	0.95	7.60	0.18	0.00	7.33	-0.23	1.31	5.37	0.02	0.56	
XNRFMW	7.00	0.03	0.19	5.44	-1.24	0.19	7.56	-0.02	0.69	7.30	-0.48	0.57	5.11	-1.18	0.40	
XTF3EV	6.97	-0.23	1.08	5.57	-0.30	0.95	7.57	0.02	0.98	7.33	-0.23	1.31	5.27	-0.45	0.56	
Y8Y834	6.90	-0.73	0.56	5.53	-0.54	1.39	7.42	-0.65	1.96	7.16	-1.40	1.49	5.36	-0.01	0.85	
YRK4EM	7.06	0.48	0.19	5.59	-0.11	0.38	7.71	0.72	0.10	7.45	0.57	0.23	5.42	0.26	0.15	
ZEDBPW	6.38	-4.66X	0.22	5.33	-2.03	0.90	5.33	-10.57X	0.94	6.76	-4.14X	1.02	5.20	-0.78	0.20	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Grand Median	7.00			5.61			7.56			7.37			5.36		
Median Abs Dev	0.07			0.07			0.10			0.07			0.12			
Avg Within Lab SD	0.05			0.06			0.06			0.04			0.10			
Labs Included	59			60			58			60			60			
Labs Reporting	61			61			61			61			61			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups																Data units: Unit	
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			Unit	k Score
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2TQ6FC	7.16	0.07	1.30	5.75	0.12	0.99	7.75	0.05	0.58	7.47	-0.25	1.43	5.72	0.86	1.45		
36DR2X	7.22	0.38	0.21	5.74	0.06	0.12	7.82	0.26	0.41	7.58	0.21	0.12	5.49	-0.05	0.74		
3RENYR	7.25	0.53	0.64	5.75	0.08	0.93	7.85	0.35	1.16	7.54	0.04	0.99	5.51	0.00	0.74		
3RQMRF	7.21	0.33		5.74	0.04		8.11	1.15		7.62	0.36		5.64	0.53			
4HGHEP	8.24	5.43X	1.50	6.89	6.25X	0.99	8.17	1.34	0.91	8.33	3.20X	0.45	7.19	6.69X	4.03		
4WZZBZ	7.17	0.12	0.31	5.68	-0.26	0.42	7.69	-0.11	0.25	7.52	-0.05	0.33	5.55	0.16	0.37		
7HRYN9	7.33	0.91	4.26	6.32	3.17	0.00	6.97	-2.31	1.25	7.05	-1.90	2.32	5.63	0.49	0.00		
7M3C78	6.90	-1.21	1.24	5.70	-0.17	2.01	7.07	-2.00	2.51	7.40	-0.52	2.15	5.70	0.77	3.23		
9L3TJW	6.97	-0.88	0.71	5.63	-0.53	1.16	7.43	-0.90	3.42	7.30	-0.92	0.00	5.70	0.77	0.00		
AH34DA	7.09	-0.25	0.07	5.83	0.53	0.20	7.69	-0.11	0.09	7.52	-0.05	0.12	5.62	0.46	0.19		
BY444N	6.67	-2.36	0.14	5.66	-0.37	0.61	7.43	-0.91	0.28	6.99	-2.16	0.62	5.03	-1.88	0.74		
CJ74HL	7.31	0.83	1.19	5.73	-0.01	1.22	7.66	-0.21	0.33	7.62	0.37	1.19	5.23	-1.10	0.56		
DB7DJA	6.81	-1.68	1.05	6.33	3.22	1.81	6.25	-4.47X	1.81	6.74	-3.16	2.05	5.28	-0.89	0.19		
DEA7ET	7.28	0.69	0.07	5.74	0.06	0.31	7.85	0.35	0.09	7.57	0.17	0.33	5.72	0.83	0.19		
FMTMW T	7.22	0.38	0.45	5.61	-0.67	0.31	7.85	0.35	0.25	7.53	0.01	0.25	5.28	-0.90	0.32		
FR9W8B	7.03	-0.58	0.19	5.54	-1.05	0.76	8.01	0.86	0.50	7.74	0.82	0.97	5.92	1.63	0.81		
JB36RB	7.13	-0.07	0.69	5.80	0.35	2.16	7.64	-0.26	0.09	7.53	0.00	0.99	5.35	-0.63	2.07		
JKVCC2	6.60	-2.67	0.14	5.37	-1.96	0.31	7.30	-1.29	0.58	6.93	-2.37	0.76	4.85	-2.62	0.19		
JZ9N3A	7.22	0.40	0.61	5.89	0.87	2.63											
K6YBGF	7.04	-0.53	0.62	5.67	-0.31	0.23	7.27	-1.38	0.84	7.10	-1.70	1.56	5.43	-0.32	1.04		
MDMQE H	6.71	-2.13	0.26	5.89	0.85	0.87	6.97	-2.29	0.84	7.30	-0.90	0.69	5.48	-0.09	1.62		
MKKKCG	7.01	-0.66	0.54	6.02	1.53	0.12	7.52	-0.63	0.28	7.87	1.35	0.37	5.22	-1.15	0.49		
NUNAAC	7.19	0.21	0.29	5.73	0.01	0.51	7.84	0.33	0.44	7.55	0.08	0.43	5.64	0.52	0.49		
REKR93	7.12	-0.12	0.00	5.63	-0.53	0.23	7.73	0.00	0.44	7.44	-0.37	0.33	5.44	-0.26	0.85		
RWY4X9	7.17	0.12	0.07	5.66	-0.40	0.12	7.81	0.23	0.09	7.54	0.03	0.12	5.48	-0.12	0.19		



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>T8VTTE</b>	<b>7.21</b>	0.35	0.07	<b>5.70</b>	-0.19	0.12	<b>7.78</b>	0.14	0.34	<b>7.59</b>	0.23	0.33	<b>5.53</b>	0.09	0.32	
<b>V3XUTA</b>	<b>7.18</b>	0.17	0.16	<b>5.90</b>	0.90	0.59	<b>7.77</b>	0.12	0.32	<b>7.49</b>	-0.15	0.21	<b>5.52</b>	0.06	0.45	
<b>VEQDAZ</b>	<b>7.12</b>	-0.13	0.19	<b>5.68</b>	-0.28	0.20	<b>7.68</b>	-0.15	0.59	<b>7.53</b>	0.00	0.43	<b>5.64</b>	0.54	0.67	
<b>XNRFMW</b>	<b>7.11</b>	-0.17	0.12	<b>5.67</b>	-0.35	0.65	<b>7.77</b>	0.12	0.59	<b>7.54</b>	0.03	0.69	<b>5.38</b>	-0.52	0.67	

pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	7.14			5.73			7.73			7.53			5.51			
<b>Median Abs Dev</b>	0.08			0.07			0.12			0.06			0.13			
<b>Avg Within Lab SD</b>	0.08			0.05			0.06			0.05			0.03			
<b>Labs Included</b>	28			28			27			27			27			
<b>Labs Reporting</b>	29			29			28			28			28			



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pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7HRYN9	6.82	1.62	3.49	5.60	2.46	0.91	7.19	-2.35	0.00	6.73	-4.56X	2.56	5.18	1.36	1.38	
93P9K8	6.57	-1.49	0.95	5.54	1.82	2.29	7.21	-2.21	1.89	7.01	-0.62	3.12	5.28	2.03	1.06	
FEFB42	6.77	0.99	0.08	5.40	0.40	0.20	7.50	0.32	0.37	7.08	0.35	0.40	4.84	-0.94	0.55	
FR9W8B	6.61	-1.03	0.21	5.19	-1.69	0.34	7.46	-0.06	0.56	6.94	-1.64	0.46	4.89	-0.56	0.41	
FW2YDW	6.68	-0.06	0.21	5.34	-0.13	0.20	7.46	0.00	1.12	7.01	-0.58	0.61	5.13	1.01	0.15	
FWGF74	6.68	-0.06	0.51	5.30	-0.61	1.10	7.46	-0.06	0.92	7.03	-0.39	1.22	4.82	-1.05	0.92	
H298Q7	6.67	-0.27	0.08	5.36	0.00	0.20	7.47	0.06	0.73	7.07	0.25	0.23	4.99	0.11	0.31	
K6YBGF	6.57	-1.53	0.51	5.23	-1.28	0.91	7.40	-0.54	0.64	6.91	-2.01	1.06	4.97	-0.04	2.77	
LLZKW7	6.69	0.02	0.36	5.42	0.61	1.43	7.41	-0.46	2.41	7.04	-0.25	0.46	4.99	0.07	1.31	
MNNBLG	6.69	-0.02	0.21	5.32	-0.40	0.20	7.52	0.49	0.73	7.02	-0.44	0.23	4.93	-0.29	0.61	
NUNAAC	6.74	0.61	0.21	5.38	0.20	0.52	7.55	0.72	0.42	7.07	0.25	0.46	5.11	0.87	0.31	
P7CJPP	6.78	1.15	0.14	5.37	0.17	0.20	7.53	0.57	0.37	7.13	1.00	0.46	5.16	1.25	0.41	
UJQ3D3	7.07	4.76X	0.08	5.35	-0.03	0.20	7.35	-0.97	0.37	7.08	0.39	0.23	4.97	-0.02	0.15	
XLXR62	6.70	0.15	0.00	5.37	0.10	1.98	7.50	0.32		7.10	0.62	0.00	4.90	-0.51	0.00	
YRK4EM	6.72	0.44	0.16	5.34	-0.20	0.52	7.58	1.00	0.37	7.10	0.62	0.40	4.98	0.00	0.67	

pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
Grand Median	6.69			5.36			7.46			7.06			4.98			
Median Abs Dev	0.04			0.04			0.06			0.04			0.08			
Avg Within Lab SD	0.07			0.03			0.03			0.03			0.04			
Labs Included	14			15			15			14			15			
Labs Reporting	15			15			15			15			15			





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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>6.77</b>	0.06	0.46	<b>5.41</b>	0.09	0.48	<b>7.61</b>	0.57	1.16	<b>7.09</b>	0.73	0.74	<b>5.00</b>	0.69	0.45	
<b>7HRYN9</b>	<b>7.00</b>	0.85	1.50	<b>5.88</b>	2.24	0.00	<b>6.72</b>	-2.49	0.09	<b>6.77</b>	-1.44	0.00	<b>4.98</b>	0.46	2.22	
<b>FJEPTC</b>	<b>6.43</b>	-1.15	1.68	<b>5.30</b>	-0.39	1.15	<b>7.27</b>	-0.61	2.49	<b>6.93</b>	-0.32	2.49	<b>4.93</b>	-0.04	1.71	
<b>FR9W8B</b>	<b>6.62</b>	-0.47	0.17	<b>5.21</b>	-0.80	0.11	<b>7.45</b>	0.00	0.57	<b>6.91</b>	-0.50	0.41	<b>4.86</b>	-0.92	0.45	
<b>HQPKQH</b>	<b>6.00</b>	-2.68		<b>5.15</b>	-1.09	0.24	<b>7.25</b>	-0.66	0.68	<b>6.94</b>	-0.25	1.60	<b>4.83</b>	-1.22	0.51	
<b>JKVCC2</b>	<b>6.90</b>	0.51	2.16	<b>5.91</b>	2.37	3.19	<b>6.21</b>	-4.21X	6.55	<b>6.45</b>	-3.62X	0.52	<b>5.39</b>	5.15X	6.92	
<b>K6YBGF</b>	<b>6.28</b>	-1.69	0.86	<b>5.51</b>	0.56	0.11	<b>7.08</b>	-1.24	0.68	<b>6.76</b>	-1.49	0.77	<b>5.04</b>	1.14	0.34	
<b>M9R2U6</b>	<b>6.75</b>	-0.01	0.06	<b>5.39</b>	0.00	0.07	<b>7.60</b>	0.53	0.09	<b>7.07</b>	0.64	0.09	<b>4.76</b>	-1.98	0.34	
<b>RWY4X9</b>	<b>6.78</b>	0.07	0.06	<b>5.35</b>	-0.18	0.07	<b>7.63</b>	0.64	0.09	<b>7.14</b>	1.08	0.09	<b>4.97</b>	0.34	0.17	
<b>V3XUTA</b>	<b>6.76</b>	0.01	0.09	<b>5.39</b>	0.00	0.04	<b>7.60</b>	0.51	0.29	<b>7.09</b>	0.74	0.09	<b>4.94</b>	0.06	0.45	
<b>XK8TNG</b>	<b>6.65</b>	-0.39	0.39	<b>5.34</b>	-0.21	0.34	<b>7.42</b>	-0.08	1.41	<b>6.98</b>	0.00	0.85	<b>4.94</b>	0.00	1.20	
<b>XNRFMW</b>	<b>6.81</b>	0.20	0.35	<b>5.42</b>	0.17	0.24	<b>7.47</b>	0.09	0.34	<b>7.01</b>	0.23	0.41	<b>4.89</b>	-0.57	0.75	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	<b>Grand Median</b>	6.76			5.39			7.45			6.98			4.94		
<b>Median Abs Dev</b>	0.12			0.07			0.17			0.09			0.05			
<b>Avg Within Lab SD</b>	0.09			0.09			0.06			0.06			0.03			
<b>Labs Included</b>	12			12			11			11			11			
<b>Labs Reporting</b>	12			12			12			12			12			



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pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups															Data units: Unit
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>36DR2X</b>	<b>6.60</b>		0.69	<b>5.02</b>		0.00	<b>7.42</b>		0.34	<b>6.94</b>		0.53	<b>4.62</b>		0.96
<b>3RQMRF</b>	<b>6.66</b>			<b>5.00</b>			<b>7.56</b>			<b>7.03</b>			<b>4.71</b>		
<b>AJT3UT</b>	<b>6.46</b>		0.26	<b>5.02</b>		0.26	<b>7.16</b>		1.22	<b>6.76</b>		1.16	<b>4.54</b>		0.38
<b>Y8Y834</b>	<b>6.53</b>		1.57	<b>5.15</b>		1.71	<b>7.30</b>		1.18	<b>6.85</b>		1.16	<b>4.79</b>		1.39
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups															Data units: Unit
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	6.56			5.02			7.36			6.90			4.66		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.02			0.06			0.02			0.02			0.03		
<b>Labs Included</b>	4			4			4			4			4		
<b>Labs Reporting</b>	4			4			4			4			4		



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m														
														SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score										
<b>724LC3</b>				<b>0.21</b>		1.10							<b>0.21</b>		0.31													
<b>DB7DJA</b>	<b>0.15</b>		0.29	<b>0.21</b>		0.60	<b>0.65</b>		0.52	<b>0.18</b>		1.12	<b>0.14</b>		1.28													
<b>JB36RB</b>	<b>0.16</b>		1.71	<b>0.22</b>		1.54	<b>0.69</b>		1.44	<b>0.19</b>		1.52	<b>0.14</b>		0.88													
<b>MKKKCG</b>	<b>0.12</b>		0.06	<b>0.15</b>		0.25	<b>0.49</b>		0.80	<b>0.15</b>		0.60	<b>0.10</b>		0.77													
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m														
														SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>		0.15				0.21									0.19			0.14										
<b>Median Abs Dev</b>																												
<b>Avg Within Lab SD</b>		0.01				0.00			0.01				0.00					0.00										
<b>Labs Included</b>		3				4			3				4					3										
<b>Labs Reporting</b>		3				4			3				4					3										



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2TQ6FC</b>	<b>7.67</b>	3.16	1.69	<b>6.43</b>	-1.09	1.95	<b>7.70</b>	2.49	0.00	<b>7.57</b>	2.13	2.40	<b>6.70</b>	-0.37	2.06	
<b>FEFB42</b>	<b>7.41</b>	0.43	0.29	<b>6.86</b>	1.70	0.68	<b>7.54</b>	0.43	0.67	<b>7.41</b>	0.43	0.24	<b>6.90</b>	1.64	0.21	
<b>FJEPTC</b>	<b>7.33</b>	-0.39	1.69	<b>6.60</b>	0.00	0.00	<b>7.50</b>	-0.09		<b>7.30</b>	-0.71	0.00	<b>6.80</b>	0.64	0.00	
<b>FW2YDW</b>	<b>7.35</b>	-0.25	0.17	<b>6.45</b>	-0.96	0.20	<b>7.55</b>	0.52	0.39	<b>7.34</b>	-0.25	0.48	<b>6.58</b>	-1.54	0.12	
<b>K6YBGF</b>	<b>7.34</b>	-0.35	0.74	<b>6.54</b>	-0.42	0.20	<b>7.44</b>	-0.82	2.05	<b>7.27</b>	-1.06	0.24	<b>6.72</b>	-0.13	0.52	
<b>LWYD8H</b>	<b>7.37</b>	0.00	0.77	<b>6.67</b>	0.48	1.60	<b>7.48</b>	-0.39	1.02	<b>7.37</b>	0.00	0.63	<b>6.78</b>	0.40	1.56	
<b>M9R2U6</b>	<b>7.38</b>	0.14	0.17	<b>6.61</b>	0.07	0.34	<b>7.51</b>	0.00	0.39	<b>7.38</b>	0.14	0.72	<b>6.74</b>	0.00	0.12	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	7.37			6.60			7.51			7.37			6.74			
<b>Median Abs Dev</b>	0.03			0.07			0.03			0.04			0.04			
<b>Avg Within Lab SD</b>	0.03			0.03			0.01			0.02			0.05			
<b>Labs Included</b>	7			7			7			7			7			
<b>Labs Reporting</b>	7			7			7			7			7			



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2H7U4Z</b>	<b>7.00</b>	<b>-7.90X</b>		<b>6.69</b>	-1.15	0.41	<b>7.00</b>	<b>-7.16X</b>		<b>7.00</b>	<b>-6.55X</b>		<b>6.84</b>	-0.92	0.24	
<b>6DJHEK</b>	<b>7.44</b>	0.31	0.89	<b>6.87</b>	0.24	1.54	<b>7.57</b>	0.37	0.40	<b>7.46</b>	0.45	0.19	<b>6.82</b>	-1.18	0.27	
<b>7PTBQX</b>	<b>7.43</b>	0.06	0.00	<b>6.62</b>	-1.70	0.00	<b>7.52</b>	-0.29	0.00	<b>7.39</b>	-0.66	0.00	<b>6.85</b>	-0.81	0.00	
<b>AH34DA</b>	<b>7.42</b>	-0.06	0.49	<b>6.82</b>	-0.16	0.24	<b>7.59</b>	0.59	0.23	<b>7.46</b>	0.40	0.32	<b>6.98</b>	0.59	0.14	
<b>BQCTQ8</b>	<b>7.43</b>	0.00	0.25	<b>6.86</b>	0.18	1.08	<b>7.51</b>	-0.37	0.46	<b>7.42</b>	-0.15	0.67	<b>7.00</b>	0.81	1.07	
<b>E7C2YX</b>	<b>7.46</b>	0.68	0.25	<b>6.84</b>	0.00	0.24	<b>7.53</b>	-0.20	0.23	<b>7.45</b>	0.25	0.00	<b>6.86</b>	-0.70	0.24	
<b>F6TCBB</b>	<b>7.40</b>	-0.49	0.00	<b>6.90</b>	0.50	0.00	<b>7.50</b>	-0.55		<b>7.40</b>	-0.50	0.00	<b>7.00</b>	0.85		
<b>FEFB42</b>	<b>7.40</b>	-0.49	0.43	<b>6.83</b>	-0.08	0.24	<b>7.54</b>	-0.02	0.40	<b>7.42</b>	-0.25	0.19	<b>6.92</b>	0.00	0.50	
<b>FW2YDW</b>	<b>7.41</b>	-0.25	0.25	<b>6.87</b>	0.29	0.85	<b>7.55</b>	0.07	0.46	<b>7.46</b>	0.35	0.99	<b>7.01</b>	0.92	0.36	
<b>H298Q7</b>	<b>7.41</b>	-0.25	0.25	<b>6.89</b>	0.44	0.85	<b>7.54</b>	-0.02	0.00	<b>7.44</b>	0.05	0.37	<b>7.00</b>	0.88	0.90	
<b>HKWNW K</b>	<b>7.33</b>	-1.85	1.50	<b>6.74</b>	-0.76	1.41	<b>7.39</b>	-2.00	1.74	<b>7.31</b>	-1.87	1.17	<b>6.83</b>	-1.03	0.24	
<b>JYYG23</b>	<b>7.50</b>	1.30	1.26	<b>6.70</b>	-1.05	2.28	<b>7.59</b>	0.63	0.94	<b>7.48</b>	0.67	1.05	<b>6.80</b>	-1.42	1.46	
<b>L7RLR9</b>	<b>7.37</b>	-1.11	2.46	<b>7.00</b>	1.28		<b>7.33</b>	-2.75	2.31	<b>7.30</b>	-2.02	0.00	<b>6.93</b>	0.11	1.37	
<b>LK6WHG</b>	<b>7.37</b>	-1.05	1.13	<b>6.40</b>	<b>-3.42X</b>	4.07	<b>7.35</b>	-2.49	1.80	<b>7.22</b>	-3.28	3.37	<b>6.12</b>	<b>-8.88X</b>	1.90	
<b>NUNAAC</b>	<b>7.43</b>	0.00	0.65	<b>6.80</b>	-0.31	0.85	<b>7.54</b>	0.02	0.23	<b>7.43</b>	-0.10	0.19	<b>6.93</b>	0.11	0.60	
<b>P7CJPP</b>	<b>7.46</b>	0.62	0.85	<b>6.89</b>	0.44	1.02	<b>7.59</b>	0.64	0.40	<b>7.45</b>	0.30	0.82	<b>7.06</b>	1.55	0.36	
<b>TX6BCK</b>	<b>7.45</b>	0.43	0.00	<b>6.76</b>	-0.57	0.24	<b>7.55</b>	0.15	0.23	<b>7.43</b>	0.00	0.19	<b>6.92</b>	-0.07	0.14	
<b>UJQ3D3</b>	<b>7.51</b>	1.60	0.25	<b>6.91</b>	0.60	0.24	<b>7.58</b>	0.55	0.23	<b>7.46</b>	0.40	0.32	<b>6.88</b>	-0.52	0.14	
<b>W3PC7U</b>	<b>7.42</b>	-0.04	0.05	<b>6.61</b>	-1.80	0.13	<b>7.53</b>	-0.13	0.07	<b>7.41</b>	-0.37	0.15	<b>6.89</b>	-0.34	0.15	
<b>XK8TNG</b>	<b>7.54</b>	2.16	0.26	<b>6.86</b>	0.21	0.14	<b>7.64</b>	1.30	0.00	<b>7.53</b>	1.41	0.19	<b>6.85</b>	-0.83	0.02	
<b>XTF3EV</b>	<b>7.47</b>	0.74	2.46	<b>6.77</b>	-0.55	2.35	<b>7.57</b>	0.33	2.31	<b>7.43</b>	0.00	1.87	<b>6.93</b>	0.11	1.37	
<b>Y8Y834</b>				<b>7.07</b>	1.86	0.24							<b>6.96</b>	0.41	3.31	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	7.43	6.84	7.54	7.43	6.92	
<b>Median Abs Dev</b>	0.03	0.06	0.03	0.03	0.07	
<b>Avg Within Lab SD</b>	0.02	0.02	0.03	0.03	0.04	
<b>Labs Included</b>	20	21	20	20	21	
<b>Labs Reporting</b>	21	22	21	21	22	



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Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>AJT3UT</b>	<b>7.34</b>		1.00	<b>6.69</b>		0.94	<b>7.46</b>		1.00	<b>7.34</b>		1.00	<b>6.79</b>		1.17	
<b>Y8Y834</b>				<b>7.03</b>		1.05							<b>7.05</b>		0.79	
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	7.34			6.86			7.46			7.34			6.92			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.02			0.05			0.03			0.02			0.08			
<b>Labs Included</b>	1			2			1			1			2			
<b>Labs Reporting</b>	1			2			1			1			2			



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>7PTBQX</b>	<b>7.86</b>	-0.39	0.42	<b>7.28</b>	-1.25	0.00	<b>7.81</b>	-0.98	0.00	<b>7.81</b>	-0.61	0.00	<b>7.52</b>	-2.30	0.44	
<b>BQCTQ8</b>	<b>7.87</b>	0.00	1.84	<b>7.59</b>	1.31	1.41	<b>7.86</b>	0.76	1.39	<b>7.85</b>	0.72	1.96	<b>7.64</b>	0.38	1.32	
<b>FW2YDW</b>	<b>7.87</b>	0.00	1.12	<b>7.43</b>	0.00	1.54	<b>7.84</b>	0.00	0.91	<b>7.81</b>	-0.61	0.00	<b>7.63</b>	0.15	1.52	
<b>T8VTTE</b>	<b>7.92</b>	2.08	0.00	<b>7.38</b>	-0.46	0.35	<b>7.88</b>	1.20	0.53	<b>7.88</b>	1.43	0.54	<b>7.60</b>	-0.54	0.00	
<b>WAQN2R</b>	<b>7.84</b>	-0.91	0.42	<b>7.48</b>	0.35	0.71	<b>7.83</b>	-0.44	1.39	<b>7.83</b>	0.00	0.94	<b>7.62</b>	0.00	0.88	

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	7.87			7.43			7.84			7.83			7.62			
<b>Median Abs Dev</b>	0.01			0.06			0.02			0.02			0.02			
<b>Avg Within Lab SD</b>	0.01			0.02			0.01			0.01			0.01			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			





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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit			
SRS2211			SRS2212			SRS2213			SRS2214			SRS2215					
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>FW2YDW</b>	<b>7.04</b>		0.00	<b>6.71</b>		0.22	<b>7.13</b>		1.10	<b>7.08</b>		1.15	<b>6.75</b>		0.31		
<b>MZDCVW</b>	<b>7.06</b>		0.83	<b>6.60</b>		0.97	<b>7.16</b>		0.81	<b>7.10</b>		0.00	<b>6.74</b>		1.90		
<b>NUNAAC</b>	<b>6.97</b>		1.10	<b>6.48</b>		1.33	<b>7.14</b>		1.22	<b>7.03</b>		1.53	<b>6.60</b>		0.00		
<b>P7CJPP</b>	<b>7.12</b>		1.44	<b>6.73</b>		1.11	<b>7.15</b>		0.81	<b>7.13</b>		0.58	<b>6.82</b>		0.54		
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit			
SRS2211		SRS2212		SRS2213		SRS2214		SRS2215									
<b>Grand Median</b>	7.05			6.66			7.15			7.09			6.75				
<b>Median Abs Dev</b>																	
<b>Avg Within Lab SD</b>	0.01			0.03			0.02			0.01			0.02				
<b>Labs Included</b>	4			4			4			4			4				
<b>Labs Reporting</b>	4			4			4			4			4				



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>2.56</b>			<b>2.56</b>			<b>2.56</b>			<b>2.56</b>			<b>2.56</b>			
<b>46W3BQ</b>	<b>6.40</b>		0.00	<b>6.07</b>		1.22	<b>6.60</b>		0.00	<b>6.50</b>			<b>6.07</b>		0.83	
<b>LLZKW7</b>	<b>6.50</b>		0.44	<b>6.22</b>		0.37	<b>6.65</b>		1.41	<b>6.58</b>		1.00	<b>6.21</b>		0.22	
<b>XAP99R</b>	<b>6.54</b>		1.68	<b>6.19</b>		1.17							<b>6.11</b>		1.51	
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	6.45			6.13			6.60			6.50			6.09			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.05			0.05			0.03			0.03			0.07			
<b>Labs Included</b>	4			4			3			3			4			
<b>Labs Reporting</b>	4			4			3			3			4			



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### NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups

Data units: mg/kg

WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TQ6FC	73.8	1.89	0.83	96.7	-0.08	1.52	281.7	0.45	0.26	73.0	1.71	0.68	53.0	0.05	0.59
36DR2X	57.6	-0.04	0.49	118.9	1.31	1.21	272.8	0.26	0.05	65.2	0.48	0.46	36.2	-0.93	0.53
3RENYR	53.1	-0.57	0.36	99.5	0.10	0.12	244.3	-0.35	0.27	58.7	-0.56	0.33	46.5	-0.33	0.36
3RQMRF	45.1	-1.53		76.5	-1.35		160.3	-2.13		45.5	-2.65		33.4	-1.09	
4HGHEP	56.7	-0.15	1.66	98.0	0.00	1.07	180.0	-1.71	0.97	61.7	-0.08	0.26	28.0	-1.40	0.30
6DJHEK	65.9	0.94	0.47	81.7	-1.02	0.33	251.1	-0.20	0.24	61.3	-0.14	0.36	36.1	-0.93	0.10
7M3C78	51.0	-0.83	0.97	90.7	-0.46	0.70	262.3	0.03	0.16	52.8	-1.49	0.78	47.0	-0.30	1.31
7PTBQX	57.9	0.00	0.61	109.0	0.69	0.52	257.5	-0.07	0.03	63.8	0.25	0.19	61.1	0.52	0.36
93P9K8	53.7	-0.51	0.34	75.6	-1.41	0.45	237.6	-0.49	0.15	58.9	-0.53	0.02	42.5	-0.56	0.14
AH34DA	66.4	1.00	0.15	82.9	-0.95	0.16	283.0	0.48	0.05	63.2	0.15	0.05	57.3	0.30	0.14
BQCTQ8	62.8	0.58	0.71	74.7	-1.46	0.47	155.0	-2.24	0.38	48.3	-2.21	0.23	55.7	0.21	0.54
BRLZRF	50.6	-0.87		95.4	-0.16		225.2	-0.75		56.1	-0.97		36.5	-0.91	
BY444N	60.0	0.24	0.09	117.9	1.25	0.54	268.6	0.17	0.08	67.9	0.91	0.13	67.6	0.89	0.04
DB7DJA	47.0	-1.29	0.28	87.6	-0.65	0.11	127.0	-2.84	0.02	54.0	-1.30	0.25	68.7	0.96	4.98
E7C2YX	65.0	0.84		73.7	-1.53	0.36	232.3	-0.60	0.09	62.0	-0.03	0.17	49.0	-0.18	0.30
FEFB42	62.7	0.56	1.15	106.7	0.55	0.37	264.9	0.09	0.18	63.9	0.26	0.24	60.0	0.46	0.21
FJEPTC	53.4	-0.54	0.20	107.0	0.56	2.67	255.3	-0.11	0.59	63.3	0.17	0.50	39.9	-0.71	0.23
FW2YDW	54.0	-0.46	0.00	100.3	0.15	0.00	259.5	-0.03	0.00	60.0	-0.36	0.00	48.6	-0.21	0.00
GGKFWF	54.9	-0.36	1.65	123.4	1.59	2.01	249.8	-0.23	0.08	68.0	0.91	0.89	20.3	-1.84	0.35
J6YXET	100.0	5.00X	2.16	161.1	3.96X	6.35	355.9	2.02	0.32	82.8	3.25X	0.63	58.5	0.37	0.59
K3R37A	56.6	-0.16	0.34	101.6	0.22	0.46	252.6	-0.17	0.09	63.9	0.28	0.11	38.0	-0.82	0.11
K6YBGF	58.4	0.06	0.38	108.7	0.67	0.40	265.8	0.11	0.20	62.5	0.05	0.24	24.0	-1.63	0.06
L7RLR9	77.5	2.33	0.60	89.8	-0.52	0.33	296.3	0.76	0.14	65.3	0.50	0.05	64.3	0.71	0.23
L9EA7U	57.7	-0.03	0.00	105.1	0.45	0.00	239.4	-0.45	0.00	66.0	0.60		68.6	0.95	0.00
LK6WHG	55.2	-0.32	0.25	91.1	-0.43	0.35	112.5	-3.15	0.11	60.5	-0.27	0.09	73.3	1.23	0.30
LWYD8H	54.8	-0.37	1.14	102.1	0.26	2.57	239.4	-0.45	0.76	59.7	-0.40	0.67	64.8	0.73	1.35



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>M9R2U6</b>	<b>54.2</b>	-0.44	0.34	<b>106.7</b>	0.54	0.18	<b>253.0</b>	-0.16	0.04	<b>61.1</b>	-0.18	0.09	<b>61.4</b>	0.54	0.18
<b>MDMQE H</b>	<b>57.6</b>	-0.04	0.82	<b>108.9</b>	0.68	0.19	<b>261.9</b>	0.03	0.11	<b>66.7</b>	0.71	0.10	<b>67.3</b>	0.88	0.12
<b>MZDCVW</b>	<b>66.7</b>	1.05	0.23	<b>80.0</b>	-1.13	0.82	<b>293.6</b>	0.70	0.32	<b>60.9</b>	-0.21	0.21	<b>52.1</b>	0.00	0.46
<b>NUNAAC</b>	<b>73.8</b>	1.89	2.27	<b>97.6</b>	-0.03	1.45	<b>299.1</b>	0.82	0.80	<b>64.8</b>	0.42	0.94	<b>52.2</b>	0.00	2.14
<b>P7CJPP</b>	<b>71.6</b>	1.62	2.80	<b>100.9</b>	0.18	1.12	<b>293.0</b>	0.69	0.24	<b>65.3</b>	0.49	0.37	<b>57.7</b>	0.32	0.98
<b>PRRX6W</b>	<b>55.5</b>	-0.29	0.13	<b>109.8</b>	0.74	0.11	<b>265.7</b>	0.11	0.12	<b>65.4</b>	0.51	0.03	<b>65.3</b>	0.76	0.18
<b>R9V879</b>	<b>58.0</b>	0.01	1.44	<b>108.1</b>	0.64	0.77	<b>250.1</b>	-0.23	0.18	<b>51.7</b>	-1.65	0.46	<b>43.5</b>	-0.50	0.50
<b>T8VTTE</b>	<b>59.6</b>	0.19	1.20	<b>110.6</b>	0.79	0.41	<b>269.7</b>	0.19	0.28	<b>65.8</b>	0.57	0.32	<b>40.2</b>	-0.69	0.73
<b>TX6BCK</b>	<b>63.6</b>	0.67	0.12	<b>86.3</b>	-0.73	0.67	<b>269.5</b>	0.19	0.14	<b>60.7</b>	-0.25	0.19	<b>55.4</b>	0.19	0.16
<b>WAQN2R</b>	<b>12.4</b>	-5.41X	0.24	<b>16.7</b>	-5.10X	0.11	<b>32.6</b>	-4.84X	0.02	<b>10.0</b>	-8.26X	0.06	<b>7.0</b>	-2.62X	0.08
<b>WDPZXR</b>	<b>60.7</b>	0.32	0.23	<b>73.7</b>	-1.53	0.18	<b>234.3</b>	-0.56	0.11	<b>56.7</b>	-0.88	0.10	<b>35.3</b>	-0.97	0.17
<b>XAP99R</b>	<b>56.8</b>	-0.14	1.84	<b>112.3</b>	0.90	1.20	<b>251.2</b>	-0.20	0.47	<b>63.3</b>	0.17	0.07	<b>56.6</b>	0.26	0.86
<b>XK8TNG</b>	<b>58.4</b>	0.06	0.83	<b>102.0</b>	0.25	0.53	<b>300.7</b>	0.85	0.53	<b>54.8</b>	-1.17	0.95	<b>27.8</b>	-1.41	0.43
<b>XTF3EV</b>	<b>69.1</b>	1.33	0.92	<b>87.8</b>	-0.64	0.85	<b>270.7</b>	0.21	0.18	<b>62.2</b>	0.00	0.24	<b>59.9</b>	0.45	0.60
<b>Y8Y834</b>	<b>70.3</b>	1.47	1.23	<b>91.4</b>	-0.41	1.29	<b>370.3</b>	2.33	5.96	<b>78.9</b>	2.64	5.65	<b>30.5</b>	-1.25	0.36
<b>YCQELC</b>	<b>55.9</b>	-0.24	1.38	<b>93.2</b>	-0.30	1.96	<b>278.8</b>	0.38	0.68	<b>60.7</b>	-0.24	0.48	<b>55.5</b>	0.19	1.09
<b>YECBT3</b>	<b>69.9</b>	1.43	0.18	<b>92.4</b>	-0.35	0.73	<b>277.3</b>	0.35	0.15	<b>64.2</b>	0.32	0.04	<b>40.3</b>	-0.69	0.53

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	57.9			98.0			260.7			62.2			52.2		
<b>Median Abs Dev</b>	4.3			10.1			17.4			3.0			11.9		
<b>Avg Within Lab SD</b>	2.5			3.2			27.4			5.8			3.4		
<b>Labs Included</b>	41			41			42			41			42		
<b>Labs Reporting</b>	43			43			43			43			43		



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>9KBWU3</b>	<b>55.2</b>	0.14	0.14	<b>97.8</b>	0.02	0.55	<b>217.1</b>	-0.41	1.54	<b>63.9</b>	0.58	0.57	<b>39.8</b>	0.35	1.02	
<b>9L3TJW</b>	<b>56.3</b>	0.27	0.10	<b>97.3</b>	0.00	0.16	<b>290.3</b>	1.18	0.18	<b>66.3</b>	0.81	0.22	<b>37.7</b>	0.11	0.29	
<b>F6TCBB</b>	<b>53.0</b>	-0.10	0.18	<b>52.3</b>	-1.73	0.16	<b>236.0</b>	0.00	0.24	<b>55.0</b>	-0.29		<b>26.0</b>	-1.18		
<b>K6YBGF</b>	<b>53.9</b>	0.00	0.06	<b>108.1</b>	0.42	0.33	<b>247.1</b>	0.24	0.29	<b>58.0</b>	0.00	0.75	<b>21.0</b>	-1.73	0.51	
<b>MWE2ZW</b>	<b>27.7</b>	-2.87	2.22	<b>66.0</b>	-1.21	2.13	<b>165.0</b>	-1.54	1.56	<b>40.7</b>	-1.69	1.75	<b>36.7</b>	0.00	1.61	
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	53.9			97.3			236.0			58.0			36.7			
<b>Median Abs Dev</b>	1.3			10.8			18.9			5.9			3.2			
<b>Avg Within Lab SD</b>	5.6			3.5			8.5			2.6			2.0			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>W3PC7U</b>	<b>57.7</b>		1.00	<b>104.9</b>		1.00	<b>252.6</b>		1.00	<b>65.1</b>		1.00	<b>39.0</b>		1.00			
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	57.7			104.9			252.6			65.1			39.0					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.8			0.7			1.4			0.6			0.8					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg			
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>K6YBGF</b>	<b>50.8</b>		1.00	<b>97.6</b>		1.00	<b>247.1</b>		1.00	<b>56.3</b>		1.00	<b>20.6</b>		1.00		

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg			
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215	
<b>Grand Median</b>	50.8			97.6			247.1			56.3			20.6				
<b>Median Abs Dev</b>																	
<b>Avg Within Lab SD</b>	1.1			1.1			4.4			0.8			0.2				
<b>Labs Included</b>	1			1			1			1			1				
<b>Labs Reporting</b>	1			1			1			1			1				



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
36DR2X	5.4	0.23	2.46	49.5	2.63	1.12	2.2	0.75	1.30	10.0	1.78	0.96	19.4	-0.04	0.34	
724LC3							6.8	6.27X	0.69	8.1	-0.15	0.42				
7M3C78	5.3	0.15	0.44	30.6	-0.68	2.07	3.5	2.24	1.09	7.9	-0.29	2.06	14.6	-0.31	0.61	
7PTBQX	4.1	-0.90	0.00	31.7	-0.49	0.28	1.3	-0.37	0.43	7.7	-0.52	0.00	19.1	-0.05	0.10	
93P9K8	4.8	-0.33	0.23	24.6	-1.72	0.06	1.6	-0.06	0.20	7.2	-0.97	0.44	26.6	0.38	0.21	
AH34DA	6.5	1.17	0.69	28.7	-1.00	0.19	1.7	0.06	0.16	8.1	-0.17	0.21	27.2	0.42	0.92	
BQCTQ8	5.2	0.00	0.98	27.0	-1.31	0.33	1.9	0.29	0.43	7.8	-0.41	1.77	29.0	0.52	1.59	
BY444N	8.0	2.39	0.02	37.7	0.57	0.10	4.6	3.59	0.05	9.7	1.49	0.36	10.9	-0.53	0.07	
E7C2YX	4.4	-0.62	0.34	30.1	-0.76	0.34	2.1	0.63	0.25	7.9	-0.35	0.88	21.4	0.08	0.06	
FEFB42	5.2	0.03	0.29	38.6	0.73	0.33	2.1	0.59	0.00	8.4	0.18	0.28	27.6	0.44	0.10	
FJEPTC	4.7	-0.36	1.31	37.8	0.58	3.27	2.0	0.47	0.75	8.8	0.54	0.79	30.6	0.61	0.87	
FW2YDW	4.7	-0.37	0.06	33.0	-0.26	0.00	1.2	-0.53	0.03	8.2	0.01	0.04	63.8	2.53	0.02	
J6YXET	13.2	6.85X	1.46	41.1	1.16	0.80	10.1	10.27X	1.11	14.7	6.37X	1.92	55.7	2.06	1.66	
K3R37A	4.7	-0.43	0.17	35.1	0.11	0.09	1.4	-0.30	0.04	8.5	0.26	0.08	29.1	0.53	0.13	
K6YBGF	5.1	-0.01	0.37	34.7	0.05	0.25	1.0	-0.74	0.24	7.9	-0.34	0.31	11.3	-0.50	0.06	
L7RLR9	4.4	-0.65	0.00	34.5	0.01	0.04	1.8	0.17	0.22	6.8	-1.43	0.07	19.1	-0.05	0.21	
L9EA7U	4.9	-0.23	0.00	34.3	-0.03	0.00	1.4	-0.22	0.00	8.8	0.56	0.00	19.7	-0.02	0.00	
M9R2U6	3.7	-1.23	0.09	34.4	-0.01	0.07	1.3	-0.40	0.18	7.4	-0.81	0.07	11.5	-0.49	0.10	
MDMQE H	5.9	0.67	0.37	37.1	0.47	0.16	2.7	1.37	2.31	9.7	1.44	0.60	45.7	1.48	0.26	
MZDCVW	7.0	1.60	0.06	26.5	-1.39	0.11	1.4	-0.24	0.07	8.8	0.61	0.02	36.7	0.97	0.00	
NUNAAC	6.7	1.31	2.66	29.6	-0.85	2.05	1.3	-0.35	1.48	9.1	0.85	1.62	65.2	2.61	4.33	
PRRX6W	5.0	-0.14	0.87	34.8	0.06	0.41	1.9	0.39	0.25	8.2	-0.02	0.73	12.7	-0.42	0.16	
R9V879	3.8	-1.19	0.70	38.7	0.75	0.48	0.5	-1.29	2.45	7.4	-0.84	2.43	44.9	1.44	0.21	
T8VTTE	5.5	0.27	0.38	34.7	0.04	0.26	1.8	0.22	1.68	8.5	0.23	0.62	19.4	-0.03	1.12	
TX6BCK	5.8	0.55	0.39	28.3	-1.07	0.13	1.3	-0.42	1.03	8.2	-0.01	0.03	39.9	1.15	0.64	





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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg			
SRS2211				SRS2212				SRS2213				SRS2214			SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>WAQN2R</b>	<b>1.3</b>	<b>-3.29X</b>	0.36	<b>6.2</b>	<b>-4.94X</b>	0.12	<b>0.5</b>	-1.28	0.15	<b>1.9</b>	<b>-6.27X</b>	0.10	<b>5.4</b>	-0.85	0.12		
<b>WDPZXR</b>	<b>5.5</b>	0.29	1.45	<b>31.0</b>	-0.60	0.75	<b>1.1</b>	-0.65	0.50	<b>10.3</b>	2.09	1.59	<b>20.0</b>	0.00	0.64		
<b>XAP99R</b>	<b>3.4</b>	-1.50	0.79	<b>37.4</b>	0.51	0.37	<b>1.4</b>	-0.23	0.89	<b>7.1</b>	-1.15	0.58	<b>18.8</b>	-0.07	0.50		
<b>XK8TNG</b>	<b>5.7</b>	0.42	0.43	<b>38.4</b>	0.69	1.45	<b>2.2</b>	0.74	0.86	<b>9.2</b>	0.94	0.67	<b>10.1</b>	-0.57	0.18		
<b>Y8Y834</b>	<b>6.5</b>	1.17	2.35	<b>32.3</b>	-0.37	1.74	<b>1.8</b>	0.27	2.14	<b>8.7</b>	0.44	2.10	<b>13.0</b>	-0.40	0.48		
NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg			
SRS2211				SRS2212				SRS2213				SRS2214			SRS2215		
<b>Grand Median</b>	5.16			34.5			1.61			8.22			20.0				
<b>Median Abs Dev</b>	0.50			3.4			0.34			0.53			8.5				
<b>Avg Within Lab SD</b>	0.34			1.3			0.23			0.36			1.6				
<b>Labs Included</b>	27			28			28			28			29				
<b>Labs Reporting</b>	29			29			30			30			29				



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Amino Nitrogen (SubTestCode 132) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>WDPZXR</b>	<b>5.5</b>		1.00	<b>31.0</b>		1.00	<b>1.1</b>		1.00	<b>10.3</b>		1.00	<b>20.0</b>		1.00			

Amino Nitrogen (SubTestCode 132) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	5.50			31.0			1.07			10.3			20.0					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.50			1.0			0.12			0.6			1.0					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



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### PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups

Data units: mg/kg

WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2TQ6FC</b>	<b>124.60</b>	-0.42	0.76	<b>10.90</b>	0.73	1.78	<b>76.63</b>	-0.96	0.54	<b>126.50</b>	-0.62	0.82	<b>25.53</b>	1.87	2.23
<b>4R8ZUJ</b>	<b>130.83</b>	0.00	0.32	<b>9.50</b>	0.00		<b>98.33</b>	0.43	0.43	<b>148.33</b>	0.58	0.53	<b>17.67</b>	-0.53	0.29
<b>6DJHEK</b>	<b>124.33</b>	-0.44	0.78	<b>10.00</b>	0.26		<b>86.00</b>	-0.36	0.52	<b>135.00</b>	-0.15	0.95	<b>20.67</b>	0.38	0.58
<b>724LC3</b>													<b>13.70</b>	-1.74	0.51
<b>7PTBQX</b>	<b>124.00</b>	-0.46	0.16	<b>8.63</b>	-0.45	0.08	<b>98.43</b>	0.43	0.15	<b>137.77</b>	0.00	0.07	<b>19.20</b>	-0.07	0.35
<b>AH34DA</b>	<b>141.63</b>	0.72	0.16	<b>8.90</b>	-0.31	0.28	<b>94.46</b>	0.18	0.31	<b>143.67</b>	0.32	0.30	<b>21.26</b>	0.56	0.50
<b>BQCTQ8</b>	<b>158.00</b>	1.82	0.97	<b>17.52</b>	4.19X	0.21	<b>110.63</b>	1.22	1.45	<b>155.01</b>	0.94	0.73	<b>29.89</b>	3.20X	0.67
<b>E7C2YX</b>	<b>133.67</b>	0.19	0.26	<b>9.67</b>	0.09	0.81	<b>91.67</b>	0.00	0.91	<b>138.00</b>	0.01	0.36	<b>18.67</b>	-0.23	0.58
<b>F6TCBB</b>	<b>124.33</b>	-0.44	0.34	<b>14.00</b>	2.35		<b>73.33</b>	-1.17	0.17	<b>120.33</b>	-0.95	0.11	<b>20.00</b>	0.18	
<b>FEFB42</b>	<b>140.00</b>	0.61	0.22	<b>13.33</b>	2.00	0.81	<b>85.67</b>	-0.38	0.17	<b>133.67</b>	-0.22	0.11	<b>20.33</b>	0.28	1.55
<b>FW2YDW</b>	<b>106.16</b>	-1.65	1.68	<b>10.12</b>	0.32	2.36	<b>75.46</b>	-1.04	2.75	<b>117.72</b>	-1.10	3.61	<b>16.10</b>	-1.01	1.99
<b>FWGF74</b>	<b>135.33</b>	0.30	2.90	<b>8.67</b>	-0.43	0.81	<b>92.33</b>	0.04	1.05	<b>146.00</b>	0.45	1.27	<b>15.67</b>	-1.14	1.17
<b>GGKFWF</b>				<b>13.19</b>	1.92	0.14							<b>16.44</b>	-0.91	0.40
<b>H298Q7</b>	<b>114.33</b>	-1.10	0.46	<b>8.00</b>	-0.78	0.14	<b>69.80</b>	-1.40	0.06	<b>111.33</b>	-1.45	0.42	<b>19.63</b>	0.07	0.33
<b>HKWNW K</b>	<b>143.67</b>	0.86	0.59	<b>13.69</b>	2.18	0.04	<b>95.09</b>	0.22	0.57	<b>145.77</b>	0.44	0.63	<b>22.10</b>	0.82	0.74
<b>K6YBGF</b>	<b>138.28</b>	0.50	0.83	<b>11.41</b>	1.00	0.07	<b>106.64</b>	0.96	0.94	<b>147.30</b>	0.52	1.06	<b>21.26</b>	0.56	0.12
<b>LK6WHG</b>	<b>155.33</b>	1.64	1.87	<b>8.33</b>	-0.61	1.63	<b>121.17</b>	1.89	1.61	<b>164.33</b>	1.46	1.59	<b>17.67</b>	-0.53	0.36
<b>MNNBLG</b>	<b>129.00</b>	-0.12	0.67	<b>9.00</b>	-0.26		<b>89.67</b>	-0.13	0.46	<b>125.67</b>	-0.66	0.38	<b>18.00</b>	-0.43	1.01
<b>MZDCVW</b>	<b>124.33</b>	-0.44	0.26	<b>8.00</b>	-0.78		<b>79.00</b>	-0.81	1.04	<b>123.67</b>	-0.77	0.38	<b>15.00</b>	-1.35	
<b>NUNAAC</b>	<b>113.97</b>	-1.13	1.72	<b>8.78</b>	-0.38	2.02	<b>72.07</b>	-1.26	2.35	<b>114.31</b>	-1.29	1.48	<b>16.27</b>	-0.96	1.79
<b>P7CJPP</b>	<b>141.60</b>	0.72	0.21	<b>9.03</b>	-0.24	0.90	<b>106.43</b>	0.95	0.32	<b>153.83</b>	0.88	0.32	<b>20.73</b>	0.40	1.55
<b>TX6BCK</b>	<b>136.90</b>	0.41	0.23	<b>9.77</b>	0.14	0.24	<b>89.27</b>	-0.15	0.24	<b>151.40</b>	0.75	0.05	<b>22.36</b>	0.90	0.35
<b>UJQ3D3</b>	<b>125.43</b>	-0.36	0.01	<b>8.47</b>	-0.54	0.01	<b>94.04</b>	0.15	0.01	<b>128.82</b>	-0.49	0.00	<b>18.43</b>	-0.30	0.02
<b>XLXR62</b>	<b>129.72</b>	-0.07	0.64	<b>9.07</b>	-0.22	0.58	<b>85.32</b>	-0.41	0.42	<b>129.43</b>	-0.46	0.69	<b>22.23</b>	0.86	0.85
<b>XTF3EV</b>	<b>132.33</b>	0.10	0.90	<b>10.67</b>	0.61	0.81	<b>92.00</b>	0.02		<b>139.67</b>	0.10	0.11	<b>21.00</b>	0.48	



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Y8Y834</b>	<b>164.33</b>	2.24	1.28	<b>9.90</b>	0.21	0.70	<b>117.67</b>	1.67	0.69	<b>164.33</b>	1.46	0.59	<b>22.07</b>	0.81	0.69	
<b>YRK4EM</b>	<b>129.00</b>	-0.12	0.20	<b>9.44</b>	-0.03	0.30	<b>81.86</b>	-0.63	0.13	<b>123.37</b>	-0.79	0.24	<b>18.90</b>	-0.16	0.10	
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	130.8			9.50			91.7			137.8			19.4			
<b>Median Abs Dev</b>	6.5			0.83			6.8			11.3			1.8			
<b>Avg Within Lab SD</b>	4.5			0.72			3.3			5.5			1.0			
<b>Labs Included</b>	25			25			25			25			26			
<b>Labs Reporting</b>	25			26			25			25			27			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>36DR2X</b>	<b>65.00</b>	-1.69	1.00	<b>4.33</b>	-0.02	1.86	<b>45.67</b>	-0.84	0.13	<b>73.00</b>	-1.31	0.58	<b>9.33</b>	-0.94	0.86	
<b>3RQMRF</b>	<b>98.45</b>	-0.17		<b>7.14</b>	0.99		<b>61.31</b>	-0.39		<b>107.20</b>	0.09		<b>17.23</b>	0.65		
<b>4WZZBZ</b>	<b>99.48</b>	-0.12	0.47	<b>4.00</b>	-0.14	0.61	<b>84.41</b>	0.27	0.72	<b>100.52</b>	-0.19	0.94	<b>13.50</b>	-0.10	0.57	
<b>6G7VHW</b>	<b>90.55</b>	-0.53	0.48	<b>3.59</b>	-0.29	0.20	<b>72.64</b>	-0.07	0.04	<b>90.35</b>	-0.60	0.05	<b>13.63</b>	-0.08	0.38	
<b>7LVRKT</b>	<b>130.21</b>	1.27	0.20	<b>2.15</b>	-0.81	0.21	<b>281.51</b>	5.95X	0.48	<b>144.80</b>	1.62	0.05	<b>14.27</b>	0.05	0.20	
<b>7M3C78</b>	<b>78.00</b>	-1.10	0.83	<b>7.20</b>	1.01	1.13	<b>56.00</b>	-0.54	0.80	<b>103.00</b>	-0.09	0.93	<b>20.67</b>	1.34	2.27	
<b>CJ74HL</b>	<b>111.60</b>	0.43	0.18	<b>5.16</b>	0.28	0.02	<b>74.91</b>	0.00	0.12	<b>116.02</b>	0.45	0.23	<b>13.77</b>	-0.05	0.07	
<b>FJEPTC</b>	<b>104.90</b>	0.12	1.77	<b>8.97</b>	1.65	1.89	<b>83.10</b>	0.24	2.12	<b>139.33</b>	1.40	2.50	<b>19.50</b>	1.10	1.42	
<b>LR4NKJ</b>	<b>121.27</b>	0.87	1.86	<b>0.18</b>	-1.52	0.00	<b>196.23</b>	3.50	1.24	<b>99.00</b>	-0.25	0.06	<b>7.08</b>	-1.39	0.57	
<b>LWYD8H</b>	<b>111.97</b>	0.44	0.43	<b>4.47</b>	0.02	0.49	<b>82.57</b>	0.22	0.90	<b>123.60</b>	0.76	0.80	<b>19.20</b>	1.04	0.53	

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	102.2			4.40			74.9			105.1			14.0			
<b>Median Abs Dev</b>	10.7			1.53			9.5			12.8			3.9			
<b>Avg Within Lab SD</b>	3.6			0.62			4.5			6.0			0.7			
<b>Labs Included</b>	10			10			9			10			10			
<b>Labs Reporting</b>	10			10			10			10			10			



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3K4CBL	134.93	8.99X	2.02	19.36	7.30X	0.31	72.81	12.01X	4.19	208.45	16.26X	2.23	23.69	6.90X	1.88
3RENYR	43.07	-0.32	0.40	4.67	-0.93	0.14	22.80	-0.05	1.18	51.27	-0.38	0.50	5.70	-0.78	0.23
3RQMRF	40.79	-0.56		6.71	0.21		3.96	-4.59X		60.98	0.65		11.04	1.50	
4HGHEP	42.33	-0.40	0.99	7.73	0.79	0.25	21.00	-0.48		54.33	-0.05	1.05	6.77	-0.32	0.41
4WZZBZ	47.72	0.15	0.63	5.10	-0.68	0.26	25.48	0.60	1.26	60.60	0.61	0.80	5.85	-0.72	0.11
6DJHEK	51.57	0.54	0.11	4.60	-0.97	0.76	19.77	-0.78	0.61	50.47	-0.46	0.50	6.50	-0.44	0.40
6G7VHW	50.58	0.44	0.18	5.26	-0.59	0.20	29.80	1.64	0.72	57.30	0.26	0.29	6.16	-0.59	0.07
724LC3							24.43	0.35	0.25						
7M3C78	31.33	-1.51	1.19	8.47	1.20	0.79	18.00	-1.21	0.83	38.00	-1.78	0.84	9.10	0.67	0.95
7PTBQX	42.93	-0.34	0.52	4.73	-0.89	0.57	19.80	-0.77	0.74	53.87	-0.10	1.10	6.03	-0.64	0.13
9KBWU3	40.77	-0.56	1.46	3.33	-1.68	0.37	23.27	0.06	0.74	48.93	-0.62	1.15	5.37	-0.92	0.13
AH34DA	58.13	1.20	0.32	6.94	0.35	0.10	25.10	0.51	0.31	62.73	0.84	0.26	9.54	0.86	0.11
BQCTQ8	47.52	0.13	0.52	6.53	0.11	0.38	30.57	1.82	2.32	71.98	1.81	0.78	13.32	2.47	0.88
BRLZRF	44.00	-0.23		3.90	-1.36		22.20	-0.19		46.90	-0.84		4.90	-1.12	
BY444N	51.95	0.58	0.08	7.11	0.44	0.18	25.87	0.69	0.07	59.85	0.53	0.18	7.54	0.00	0.06
BZF3XX	37.57	-0.88	1.23	7.33	0.56	0.37	26.91	0.94	0.76	39.27	-1.65	0.06	8.76	0.53	0.13
CJ74HL	54.72	0.86	0.47	7.45	0.63	0.25	30.31	1.76	0.32	62.26	0.79	0.29	10.22	1.15	0.20
E7C2YX	49.67	0.34	1.19	4.33	-1.12	0.70	22.67	-0.08	0.96	51.67	-0.34	1.05	6.33	-0.51	0.67
F6TCBB	50.00	0.38	0.47	6.00	-0.18		22.33	-0.16	0.48	56.33	0.16	0.24	8.00	0.20	
FEFB42	55.67	0.95	0.72	7.00	0.38		28.00	1.21	0.83	59.00	0.44	0.42	9.00	0.63	1.16
FJEPTC	35.67	-1.07	0.99	6.33	0.00	2.80	21.00	-0.48	1.44	49.33	-0.58	1.05	7.67	0.06	2.41
FW2YDW	40.10	-0.62	1.16	5.73	-0.33	0.16	19.01	-0.96	0.43	49.85	-0.53	0.62	7.42	-0.04	0.22
GGKFWF	39.79	-0.66	0.73				22.41	-0.14	0.48	46.35	-0.90	0.85			
HKWNW K	47.20	0.09	0.79	9.72	1.90	0.40	22.88	-0.03	0.53	45.93	-0.94	0.45	10.84	1.41	0.10
HRHJXP	58.32	1.22	0.93	19.86	7.58X	0.54	41.95	4.57X	0.23	61.23	0.68	1.15	20.16	5.39X	0.71



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
J6YXET	86.73	4.10X	0.79	7.33	0.56	0.61	37.80	3.57X	3.21	94.80	4.23X	0.87	8.20	0.29	0.70
LR4NKJ	51.67	0.55	0.29	5.57	-0.42	0.34	28.61	1.35	0.49	57.37	0.27	0.52	5.72	-0.77	0.20
LWYD8H	39.23	-0.71	1.50	5.60	-0.41	0.32	18.57	-1.07	0.67	47.90	-0.73	1.40	7.40	-0.05	0.50
MKKKCG	53.87	0.77	0.11	7.77	0.81	0.07	29.37	1.54	0.27	62.57	0.82	0.46	16.20	3.70X	0.12
MWE2ZW	29.00	-1.75	2.37	9.67	1.87	3.70	23.67	0.16	2.09	47.00	-0.83	2.61	12.33	2.05	3.54
MZDCVW	39.67	-0.67	0.55	3.00	-1.86		19.00	-0.96	0.83	36.67	-1.92	0.24	4.00	-1.51	
NUNAAC	64.23	1.82	1.63	7.00	0.38	1.00	24.09	0.26	1.54	63.54	0.92	2.10	8.01	0.21	0.40
P7CJPP	53.40	0.72	2.70	6.85	0.30	1.47	19.30	-0.89	2.44	52.23	-0.28	2.55	8.34	0.35	0.35
PRRX6W	45.33	-0.09	0.72	8.67	1.31	0.70	24.33	0.32	0.48	55.33	0.05	0.64	9.33	0.77	0.67
R9V879	43.55	-0.28	1.07	6.33	0.00	1.30	23.07	0.02	0.55	58.43	0.38	0.11	7.43	-0.04	0.96
TX6BCK	60.60	1.45	0.17	6.28	-0.03	0.18	22.80	-0.05	0.76	65.07	1.08	0.39	8.10	0.24	0.49
W3PC7U	42.21	-0.41	0.28	5.48	-0.47	0.20	19.15	-0.93	0.63	56.86	0.21	0.56	6.08	-0.62	0.25
XTF3EV	36.00	-1.04	0.47	5.67	-0.37	0.70	18.00	-1.21	0.83	42.67	-1.29	0.87	7.33	-0.08	0.67
Y8Y834	48.87	0.26	0.51	6.67	0.19	0.50	23.57	0.14	0.35	56.97	0.23	1.35	10.47	1.25	2.06
YCQELC	44.71	-0.16	1.22	6.25	-0.04	0.64	23.00	0.00	0.82	50.76	-0.43	0.93	7.52	0.00	1.39
YECBT3	55.13	0.90	0.19	5.20	-0.63	0.64	27.70	1.13	1.18	57.13	0.24	0.17	6.40	-0.48	0.50

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Grand Median	46.3			6.33			23.0			54.8			7.53	
Median Abs Dev	5.6			1.00			2.5			5.6			1.41		
Avg Within Lab SD	2.1			0.83			1.2			2.4			0.86		
Labs Included	38			37			37			38			36		
Labs Reporting	40			39			41			40			39		



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>46W3BQ</b>	<b>107.00</b>		1.03	<b>1.00</b>			<b>327.00</b>		0.18	<b>89.33</b>		0.17	<b>1.33</b>		0.46			
<b>FJEPTC</b>	<b>48.40</b>		0.96	<b>3.63</b>		1.00	<b>120.67</b>		1.40	<b>42.57</b>		1.40	<b>5.20</b>		1.34			
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	77.7			2.32			223.8			66.0			3.27					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	5.9			3.11			14.7			9.2			1.27					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					





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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RENYR</b>	<b>84.27</b>		1.04	<b>3.23</b>		0.36	<b>54.07</b>		0.99	<b>88.03</b>		0.95	<b>11.20</b>		1.00
<b>4HGHEP</b>	<b>98.33</b>		0.96	<b>9.67</b>		1.37	<b>75.00</b>		1.01	<b>116.67</b>		1.05	<b>13.00</b>		
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	91.3			6.45			64.5			102.4			12.1		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	3.0			0.42			2.6			5.5			0.4		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



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PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7PTBQX</b>	<b>208.4</b>	0.00	0.12	<b>10.6</b>	-0.80	0.04	<b>550.9</b>	0.91	0.27	<b>200.3</b>	0.00	0.26	<b>22.1</b>	-0.72	0.50
<b>AH34DA</b>	<b>216.7</b>	0.42	0.11	<b>13.0</b>	-0.27	0.38	<b>485.7</b>	0.00	0.21	<b>214.3</b>	0.68	0.16	<b>23.7</b>	-0.39	1.00
<b>FEFB42</b>	<b>189.3</b>	-0.98	0.17	<b>21.3</b>	1.60	1.05	<b>451.0</b>	-0.49	0.23	<b>183.7</b>	-0.80	0.36	<b>27.7</b>	0.41	0.46
<b>MZDCVW</b>	<b>185.7</b>	-1.17	0.12	<b>12.3</b>	-0.42	0.40	<b>486.0</b>	0.00	0.09	<b>180.7</b>	-0.95	0.22	<b>19.3</b>	-1.29	0.46
<b>NUNAAC</b>	<b>189.2</b>	-0.99	2.80	<b>9.7</b>	-1.01	2.65	<b>517.5</b>	0.44	1.56	<b>177.3</b>	-1.11	1.62	<b>19.3</b>	-1.29	1.47
<b>P7CJPP</b>	<b>222.0</b>	0.70	0.06	<b>15.6</b>	0.31	0.26	<b>477.0</b>	-0.13	2.37	<b>214.3</b>	0.68	1.23	<b>26.2</b>	0.10	1.36
<b>TX6BCK</b>	<b>223.0</b>	0.75	0.12	<b>14.2</b>	0.00	0.04	<b>543.4</b>	0.80	0.09	<b>199.2</b>	-0.05	0.10	<b>25.7</b>	0.00	0.34
<b>XTF3EV</b>	<b>200.0</b>	-0.43	0.76	<b>19.0</b>	1.08	0.69	<b>354.7</b>	-1.83	0.35	<b>207.0</b>	0.32	0.63	<b>30.3</b>	0.95	1.67
<b>Y8Y834</b>	<b>221.0</b>	0.64	0.71	<b>16.8</b>	0.58	0.24	<b>591.7</b>	1.47	0.78	<b>231.3</b>	1.49	2.04	<b>30.2</b>	0.92	0.64
PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	208.4			14.2			486.0			200.3			25.7		
<b>Median Abs Dev</b>	13.6			2.6			35.0			14.0			3.6		
<b>Avg Within Lab SD</b>	17.7			1.5			28.3			6.9			1.2		
<b>Labs Included</b>	9			9			9			9			9		
<b>Labs Reporting</b>	9			9			9			9			9		



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RENYR</b>	<b>14.00</b>	-0.45	0.34				<b>133.67</b>	0.74	0.48	<b>15.93</b>	-0.28	0.19	<b>3.93</b>	-0.65	0.12
<b>4HGHEP</b>	<b>14.33</b>	-0.37	0.97	<b>2.50</b>	-1.01	0.05	<b>136.67</b>	0.81	0.85	<b>16.00</b>	-0.26		<b>3.20</b>	-0.80	0.04
<b>6DJHEK</b>	<b>17.51</b>	0.34	1.14	<b>24.83</b>	2.45	0.90	<b>95.73</b>	-0.10	0.57	<b>23.34</b>	1.34	1.00	<b>13.80</b>	1.29	0.22
<b>AH34DA</b>	<b>14.95</b>	-0.23	0.12	<b>9.53</b>	0.08	0.07	<b>97.75</b>	-0.05	0.08	<b>15.49</b>	-0.37	0.16	<b>10.96</b>	0.73	0.06
<b>E7C2YX</b>	<b>30.33</b>	3.21	0.97	<b>5.33</b>	-0.57	0.28	<b>119.33</b>	0.42	0.09	<b>37.67</b>	4.48X	0.53	<b>6.67</b>	-0.12	0.24
<b>F6TCBB</b>	<b>8.33</b>	-1.72	0.97	<b>8.33</b>	-0.11	0.28	<b>45.00</b>	-1.21		<b>21.33</b>	0.91	0.26	<b>3.67</b>	-0.71	0.24
<b>FJEPTC</b>	<b>21.33</b>	1.19	0.97	<b>21.00</b>	1.85	3.06	<b>70.33</b>	-0.65	0.48	<b>22.33</b>	1.12	1.47	<b>14.27</b>	1.38	3.79
<b>K6YBGF</b>	<b>16.31</b>	0.07	0.49	<b>2.42</b>	-1.02	0.03	<b>147.59</b>	1.05	0.70	<b>17.19</b>	0.00	0.08	<b>3.53</b>	-0.73	0.05
<b>L7RLR9</b>	<b>17.33</b>	0.30	0.48	<b>12.00</b>	0.46		<b>55.83</b>	-0.97	0.04	<b>14.50</b>	-0.59		<b>6.50</b>	-0.15	0.20
<b>MWE2ZW</b>	<b>40.67</b>	5.52X	29.58	<b>8.67</b>	-0.06	1.50	<b>194.00</b>	2.07	2.44	<b>32.67</b>	3.39	2.98	<b>16.00</b>	1.72	1.08
<b>MZDCVW</b>	<b>16.53</b>	0.12	0.79	<b>11.50</b>	0.38		<b>52.93</b>	-1.04	0.09	<b>14.50</b>	-0.59	0.12	<b>7.83</b>	0.11	0.05
<b>P7CJPP</b>	<b>16.00</b>	0.00	1.68	<b>13.00</b>	0.61	0.49	<b>99.33</b>	-0.02	0.48	<b>16.33</b>	-0.19	0.53	<b>12.00</b>	0.93	0.41
<b>R9V879</b>	<b>12.23</b>	-0.84	0.23	<b>13.90</b>	0.75	0.33	<b>100.84</b>	0.02	0.19	<b>15.89</b>	-0.29	0.15	<b>9.08</b>	0.36	0.15
<b>TX6BCK</b>	<b>14.96</b>	-0.23	0.79	<b>9.03</b>	0.00	0.15	<b>98.79</b>	-0.03	0.57	<b>17.35</b>	0.04	0.06	<b>11.69</b>	0.87	0.05
<b>WAQN2R</b>	<b>15.85</b>	-0.03	0.30	<b>9.04</b>	0.00	0.19	<b>134.48</b>	0.76	0.57	<b>17.84</b>	0.14	0.17	<b>6.68</b>	-0.11	0.09
<b>XTF3EV</b>	<b>20.52</b>	1.01	2.27	<b>4.16</b>	-0.76	0.16	<b>139.50</b>	0.87	2.47	<b>20.02</b>	0.62	0.68	<b>6.67</b>	-0.12	0.09

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	16.0			9.04			100.1			17.2			7.26		
<b>Median Abs Dev</b>	1.5			3.70			34.0			1.7			3.65		
<b>Avg Within Lab SD</b>	0.6			2.04			6.8			2.2			2.45		
<b>Labs Included</b>	15			15			16			15			16		
<b>Labs Reporting</b>	16			15			16			16			16		



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TQ6FC	263.7	-0.29	1.25	280.3	-0.33	0.86	780.3	-1.31	1.78	246.0	-0.68	0.71	99.7	0.96	1.13	
36DR2X	236.7	-1.19	0.59	287.0	-0.18	0.46	769.7	-1.46	1.69	236.7	-1.13	1.18	79.3	-1.45	0.98	
3K4CBL	255.7	-0.56	1.28	319.3	0.54	0.90	853.3	-0.24	0.61	262.7	0.12	1.47	88.7	-0.34	1.32	
3RENYR	266.7	-0.19	0.69	313.3	0.41	1.16	876.7	0.11	0.68	263.3	0.15	1.46				
3RQMRF	234.1	-1.27		315.7	0.46		788.4	-1.19		261.4	0.06		94.3	0.33		
4HGHEP	236.7	-1.19	0.69	296.7	0.04	1.16	816.7	-0.77	1.80	236.7	-1.13	0.73	82.0	-1.13	0.84	
4WZZBZ	274.2	0.06	0.58	342.5	1.06	0.50	886.3	0.25	0.22	275.7	0.75	0.41	147.9	6.68X	10.84	
6DJHEK	263.0	-0.31	0.73	266.0	-0.65	0.27	873.3	0.06	0.27	245.3	-0.71	0.64	101.7	1.20	0.32	
6G7VHW	285.2	0.43	0.63	345.5	1.13	0.87	927.5	0.85	0.14	278.9	0.90	0.44	95.2	0.43	0.80	
7M3C78	252.3	-0.67	1.51	346.7	1.16	1.36	890.3	0.31	0.69	277.3	0.83	1.47	104.7	1.55	0.70	
9KBWU3	273.3	0.03	0.66	317.0	0.49	0.96	943.7	1.09	1.12	282.3	1.07	0.97	87.3	-0.50	0.85	
AH34DA	364.8	3.07X	1.40	270.3	-0.55	0.09	869.0	-0.01	0.28	291.1	1.49	0.44	97.4	0.69	0.23	
AJT3UT	263.9	-0.28	0.27	326.3	0.70	0.23	899.6	0.44	0.27	265.2	0.24	0.00	101.4	1.17	0.00	
BRLZRF	246.0	-0.88		315.0	0.45		874.0	0.07		266.0	0.28		93.0	0.17		
BY444N	248.5	-0.80	0.21	301.6	0.15	0.11	833.1	-0.53	0.09	249.8	-0.50	0.16	91.4	-0.02	0.30	
CJ74HL	254.8	-0.59	0.13	317.3	0.50	0.36	968.8	1.46	0.20	261.7	0.08	0.18	96.1	0.54	0.23	
E7C2YX	286.0	0.45	0.67	235.3	-1.34	0.47	933.0	0.93	0.40	241.3	-0.91	0.83	89.0	-0.30	0.56	
F6TCBB	287.0	0.49	0.24	243.0	-1.16	0.30	1,081.0	3.10X	0.04	255.7	-0.22	0.32	96.0	0.53	0.56	
FEFB42	302.5	1.00	0.32	255.3	-0.89	0.29	927.0	0.84	0.17	255.3	-0.23	0.06	85.7	-0.70	0.17	
FJEPTC	277.3	0.16	1.62	340.3	1.01	2.01	892.0	0.33	1.67	272.0	0.57	1.32	97.7	0.72	1.38	
FWGF74	298.7	0.87	2.70	249.7	-1.01	1.06	868.0	-0.02	2.15	249.0	-0.54	0.89	76.7	-1.77	1.40	
GGKFWF	266.5	-0.20	0.34	329.3	0.77	0.69	848.5	-0.31	1.17	267.3	0.34	0.96	98.0	0.76	0.50	
H298Q7	298.0	0.85	0.75	252.3	-0.95	0.15	965.7	1.41	0.20	256.0	-0.20	0.46	90.0	-0.18	0.59	
J6YXET	273.8	0.04	0.24	334.9	0.89	0.12	951.8	1.21	0.79	275.2	0.73	0.97	94.8	0.39	0.18	
K6YBGF	260.8	-0.38	1.08	302.7	0.17	0.57	862.2	-0.11	1.14	261.2	0.05	0.92	83.3	-0.98	1.11	
LR4NKJ	253.8	-0.62	0.40	316.8	0.49	0.21	759.2	-1.62	1.03	260.1	0.00	0.47	77.8	-1.63	0.40	



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LWYD8H	258.3	-0.47	0.78	316.3	0.48	0.51	869.3	0.00	0.56	263.7	0.17	0.65	91.0	-0.07	1.22	
M9R2U6	247.0	-0.84	0.86	316.7	0.48	0.46	841.0	-0.42	0.13	246.0	-0.68	0.25	82.2	-1.11	0.14	
MKKKCG	299.6	0.90	0.18	386.6	2.05	0.15	1,070.8	2.95X	1.09	301.7	2.00	0.60	102.5	1.30	0.21	
MNNBLG	271.5	-0.03	0.46	233.4	-1.38	0.33	833.5	-0.53	0.36	221.7	-1.85	0.39	83.7	-0.93	0.63	
MWE2ZW	249.3	-0.77	0.80	291.3	-0.08	1.60	818.7	-0.75	1.70	232.7	-1.32	2.85	91.3	-0.03	1.86	
MZDCVW	324.3	1.73	0.39	275.0	-0.45	0.40	937.0	0.99	0.46	297.3	1.79	1.40	93.0	0.17	1.74	
NUNAAC	289.3	0.56	2.17	272.3	-0.51	0.82	864.6	-0.07	2.00	255.8	-0.21	0.59	87.4	-0.50	3.13	
P7CJPP	303.3	1.03	2.26	295.0	0.00	3.65	855.3	-0.21	1.36	272.7	0.60	2.05	118.3	3.18X	4.24	
R9V879	239.8	-1.09	0.25	324.0	0.65	1.21	847.5	-0.32	0.06	257.1	-0.15	0.31	90.1	-0.17	1.35	
TX6BCK	294.0	0.72	0.63	269.7	-0.57	0.45	869.7	0.00	0.36	255.3	-0.23	0.60	96.3	0.57	0.32	
UJQ3D3	313.0	1.35	0.00	240.9	-1.21	0.00	923.3	0.79	0.00	260.2	0.00	0.00	98.2	0.79	0.00	
W3PC7U	242.8	-0.98	0.39	285.0	-0.22	0.51	742.6	-1.86	0.35	231.2	-1.40	0.65	82.3	-1.10	0.45	
XLXR62	287.8	0.51	1.01	247.8	-1.06	1.51	806.9	-0.92	0.85	247.3	-0.62	1.57	89.8	-0.21	0.97	
XTF3EV	293.3	0.70	1.02	250.9	-0.99	0.90	906.7	0.55	0.93	299.7	1.90	0.45	94.5	0.35	1.20	
Y8Y834	299.3	0.90	0.70	278.3	-0.37	1.45	914.0	0.65	1.54	240.3	-0.95	0.60	98.7	0.84	0.70	
YCQELC	304.0	1.05	1.45	289.3	-0.13	1.13	933.3	0.94	1.25	260.0	-0.01	1.66	88.3	-0.38	0.81	
YECBT3	192.3	-2.66X	0.37	119.6	-3.93X	0.79	758.3	-1.63	0.75	172.0	-4.24X	0.46	13.4	-9.28X	1.08	
YRK4EM	299.8	0.91	1.16	255.2	-0.89	0.62	924.5	0.81	0.29	235.1	-1.21	1.15	91.7	0.02	0.86	

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
Grand Median	272.4			295.0			869.5			260.1			91.6			
Median Abs Dev	20.5			24.7			40.8			12.5			4.7			
Avg Within Lab SD	8.3			10.0			22.5			7.9			3.6			
Labs Included	42			43			42			43			40			
Labs Reporting	44			44			44			44			43			



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TQ6FC	1,283.7	0.31	0.69	756.0	0.23	0.42	3,339.3	0.31	0.94	2,361.0	-0.25	0.67	771.0	0.40	0.20
36DR2X	1,098.3	-0.57	0.64	779.7	0.46	0.48	3,087.7	-0.13	1.17	2,538.3	0.21	0.54	686.0	-0.41	1.09
3K4CBL	3,345.5	10.07X	1.55	2,292.1	14.73X	0.98	8,576.3	9.57X	0.92	6,714.2	11.00X	0.52	1,423.2	6.57X	0.46
3RENYR	1,173.3	-0.21	0.38	823.3	0.87	0.47	3,736.7	1.02	0.33	3,073.3	1.59	0.40	736.7	0.07	0.16
3RQMRF	1,021.0	-0.93		805.9	0.70		3,209.0	0.08		2,590.0	0.34		738.7	0.09	
4HGHEP	1,000.0	-1.03		800.0	0.65	1.35	3,200.0	0.07	1.88	2,566.7	0.28	0.57	696.7	-0.31	1.00
6DJHEK	1,329.0	0.52	0.57	680.8	-0.48	0.31	3,372.9	0.37	0.55	2,458.0	0.00	0.87	900.6	1.62	0.86
6G7VHW	1,086.4	-0.63	0.22	773.7	0.40	0.13	3,410.8	0.44	0.17	2,787.8	0.85	0.25	676.1	-0.50	0.18
7LVRKT	1,014.1	-0.97	0.53	621.7	-1.04	0.70	2,626.7	-0.95	0.53	2,428.2	-0.08	0.44	567.9	-1.52	0.12
7M3C78	1,049.7	-0.80	0.84	776.7	0.43	0.48	2,133.0	-1.82	0.52	2,163.7	-0.76	0.23	728.0	-0.01	0.28
9KBWU3	1,121.0	-0.46	0.99	715.7	-0.15	0.21	2,807.7	-0.63	0.37	2,231.3	-0.59	0.18	654.7	-0.70	0.46
AH34DA	1,510.7	1.38	0.19	724.0	-0.07	0.09	3,706.3	0.96	0.11	3,008.7	1.42	0.40	822.9	0.89	0.06
AJT3UT	1,400.0	0.86	0.37	961.3	2.17	0.09	4,600.0	2.54X	1.63	4,253.3	4.64X	0.57	892.0	1.54	0.51
BY444N	1,149.4	-0.33	0.01	791.8	0.57	0.19	3,676.0	0.91	0.05	3,083.9	1.62	0.24	759.7	0.29	0.03
CJ74HL	1,164.7	-0.25	0.03	802.4	0.67	0.11	3,994.1	1.47	0.76	3,058.9	1.55	0.32	701.0	-0.27	0.05
E7C2YX	1,449.0	1.09	0.59	668.7	-0.59	0.41	3,428.0	0.47	0.30	2,541.0	0.21	0.43	846.7	1.11	0.46
F6TCBB	1,267.3	0.23	0.31	720.0	-0.11	0.50	3,006.7	-0.27	0.01	2,303.3	-0.40	0.62	850.3	1.15	0.26
FEFB42	1,328.7	0.52	0.48	664.7	-0.63	0.08	3,172.3	0.02	0.55	2,304.3	-0.40	0.44	732.5	0.03	0.18
FJEPTC	1,086.7	-0.62	0.92	786.7	0.52	0.36	2,920.0	-0.43	1.42	2,360.0	-0.25	0.86	713.3	-0.15	0.66
FWGF74	1,270.0	0.24	1.94	653.0	-0.74	1.11	2,698.3	-0.82	0.98	2,175.7	-0.73	0.69	669.0	-0.57	1.17
GGKFWF	1,313.0	0.45	0.16	940.7	1.98	0.98	2,634.3	-0.93	0.82	3,187.0	1.88	0.40	773.4	0.42	0.44
H298Q7	1,297.3	0.37	0.14	648.0	-0.79	0.17	3,474.7	0.55	0.08	2,280.0	-0.46	0.15	783.0	0.51	0.13
J6YXET	1,113.6	-0.50	0.08	779.8	0.46	0.41	3,547.7	0.68	0.81	2,859.0	1.04	0.82	722.5	-0.06	0.32
K6YBGF	1,151.2	-0.32	0.49	764.1	0.31	0.64	2,640.4	-0.92	1.89	2,592.0	0.35	1.33	684.5	-0.42	1.47
LR4NKJ	792.3	-2.02	0.54	410.8	-3.03X	0.49	3,128.0	-0.06	0.50	2,752.3	0.76	1.84	551.2	-1.68	0.24
LWYD8H	1,071.0	-0.70	0.22	716.0	-0.14	0.16	2,272.3	-1.57	0.39	2,151.3	-0.79	0.35	656.7	-0.68	0.31



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>M9R2U6</b>	<b>960.7</b>	-1.22	0.72	<b>738.7</b>	0.07	0.21	<b>2,850.7</b>	-0.55	0.05	<b>2,320.7</b>	-0.35	0.18	<b>642.3</b>	-0.82	0.12
<b>MKKKCG</b>	<b>1,060.4</b>	-0.75	1.55	<b>597.5</b>	-1.26	1.71	<b>5,366.3</b>	3.90X	1.42	<b>5,228.1</b>	7.16X	4.06	<b>593.9</b>	-1.28	3.31
<b>MNNBLG</b>	<b>1,207.4</b>	-0.05	1.18	<b>610.6</b>	-1.14	0.56	<b>2,762.7</b>	-0.70	1.18	<b>2,111.4</b>	-0.90	0.56	<b>675.5</b>	-0.51	0.13
<b>MWE2ZW</b>	<b>1,240.0</b>	0.10	2.68	<b>917.3</b>	1.76	2.52	<b>2,476.3</b>	-1.21	1.65	<b>2,155.0</b>	-0.78	2.79	<b>883.3</b>	1.46	2.20
<b>MZDCVW</b>	<b>1,246.7</b>	0.13	0.11	<b>660.0</b>	-0.67	0.54	<b>2,483.3</b>	-1.20	0.46	<b>2,266.7</b>	-0.49	0.64	<b>720.0</b>	-0.09	1.59
<b>NUNAAC</b>	<b>1,330.3</b>	0.53	2.05	<b>751.9</b>	0.19	1.29	<b>3,155.6</b>	-0.01	1.01	<b>2,455.8</b>	-0.01	1.17	<b>752.5</b>	0.22	0.85
<b>P7CJPP</b>	<b>1,576.0</b>	1.69	2.00	<b>791.3</b>	0.57	2.97	<b>3,459.3</b>	0.53	1.55	<b>2,887.3</b>	1.11	2.33	<b>958.0</b>	2.17	2.90
<b>R9V879</b>	<b>1,107.2</b>	-0.53	0.20	<b>633.0</b>	-0.93	1.02	<b>3,161.3</b>	0.00	0.09	<b>2,698.5</b>	0.62	0.24	<b>655.7</b>	-0.69	0.45
<b>TX6BCK</b>	<b>1,520.3</b>	1.43	0.83	<b>686.0</b>	-0.43	0.75	<b>3,984.0</b>	1.45	0.11	<b>3,014.3</b>	1.44	1.00	<b>729.0</b>	0.00	0.10
<b>W3PC7U</b>	<b>913.8</b>	-1.44	0.02	<b>667.9</b>	-0.60	0.22	<b>2,557.6</b>	-1.07	0.03	<b>2,148.4</b>	-0.80	0.19	<b>630.8</b>	-0.93	0.14
<b>XLXR62</b>	<b>1,218.4</b>	0.00	1.26	<b>608.8</b>	-1.16	0.73	<b>2,666.0</b>	-0.88	2.01	<b>2,132.3</b>	-0.84	2.11	<b>610.3</b>	-1.12	0.26
<b>XTF3EV</b>	<b>1,343.3</b>	0.59	1.13	<b>722.3</b>	-0.08	0.66	<b>3,271.7</b>	0.20	0.24	<b>2,517.7</b>	0.15	0.67	<b>824.3</b>	0.90	0.85
<b>Y8Y834</b>	<b>1,365.0</b>	0.69	1.53	<b>761.3</b>	0.28	2.45	<b>3,474.3</b>	0.55	2.63	<b>2,436.3</b>	-0.06	0.51	<b>874.3</b>	1.38	1.19
<b>YCQELC</b>	<b>1,473.3</b>	1.21	1.83	<b>788.7</b>	0.54	1.71	<b>3,900.0</b>	1.31	1.47	<b>2,970.0</b>	1.32	2.06	<b>781.3</b>	0.50	1.00
<b>YECBT3</b>	<b>1,294.7</b>	0.36	0.61	<b>561.7</b>	-1.60	0.35	<b>3,327.7</b>	0.29	0.27	<b>2,480.3</b>	0.06	0.37	<b>743.9</b>	0.14	0.37
<b>YRK4EM</b>	<b>1,346.6</b>	0.61	0.45	<b>672.9</b>	-0.55	0.40	<b>2,896.8</b>	-0.47	0.88	<b>2,242.2</b>	-0.56	1.14	<b>733.7</b>	0.04	0.79

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	1,218.4			731.3			3,161.3			2,458.0			729.0		
<b>Median Abs Dev</b>	120.1			60.2			313.3			226.7			53.5		
<b>Avg Within Lab SD</b>	54.6			32.4			106.4			101.8			35.1		
<b>Labs Included</b>	41			40			39			39			41		
<b>Labs Reporting</b>	42			42			42			42			42		



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### Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TQ6FC	176.0	-0.06	0.88	203.0	0.12	0.62	311.0	0.77	0.55	129.7	0.30	0.66	124.7	0.71	1.28
36DR2X	160.0	-0.60	0.54	208.0	0.26	0.56	257.7	-1.04	1.49	124.0	-0.12	0.94	102.0	-0.64	0.86
3K4CBL	27.8	-5.04X	0.02	970.7	22.01X	3.08	1,523.0	41.91X	5.52	961.7	61.65X	3.32	795.0	40.43X	4.42
3RENYR	159.0	-0.64	0.46	210.3	0.33	0.67	284.0	-0.14	0.32	130.3	0.35	0.31	105.3	-0.44	0.08
3RQMRF	155.1	-0.77		221.2	0.64		284.5	-0.13		134.7	0.67		117.2	0.26	
4HGHEP	150.0	-0.94		213.3	0.41	0.65	266.7	-0.73	1.83	120.0	-0.41		106.7	-0.36	0.80
6DJHEK	190.2	0.41	0.47	183.5	-0.44	0.68	295.1	0.23	0.99	124.9	-0.05	1.20	133.3	1.22	0.68
6G7VHW	167.1	-0.36	0.36	230.9	0.91	0.47	291.7	0.12	0.70	132.5	0.51	0.35	110.5	-0.13	0.02
7LVRKT	154.7	-0.78	0.12	204.8	0.17	0.40	280.3	-0.27	0.69	125.6	0.00	0.62	109.2	-0.21	0.44
7M3C78	160.7	-0.58	0.41	195.7	-0.09	0.53	241.3	-1.59	1.83	127.3	0.13	1.37	109.7	-0.18	0.29
9KBWU3	151.3	-0.89	0.28	170.0	-0.82	0.22	256.0	-1.09	0.55	114.7	-0.81	0.12	90.7	-1.31	0.21
AH34DA	197.7	0.66	0.28	159.9	-1.11	0.11	318.4	1.03	0.20	133.9	0.61	0.09	109.1	-0.22	0.06
AJT3UT	185.2	0.24	0.49	240.8	1.20	0.21	343.2	1.87	0.72	162.8	2.74	0.38	126.0	0.79	0.17
BY444N	170.6	-0.24	0.20	222.7	0.68	0.45	304.5	0.55	0.02	142.7	1.26	0.42	118.2	0.33	0.11
CJ74HL	142.3	-1.20	0.11	186.1	-0.37	0.75	302.0	0.47	0.71	110.0	-1.15	0.34	91.3	-1.27	0.11
E7C2YX	213.3	1.19	0.15	180.3	-0.53	0.50	309.3	0.72	0.30	137.7	0.89	0.43	134.0	1.26	0.36
F6TCBB	139.0	-1.31	0.27	127.7	-2.03	0.17	224.7	-2.16	0.96	96.3	-2.16	3.08	44.7	-4.03X	0.21
FEFB42	193.0	0.51	0.17	185.7	-0.38	0.15	273.1	-0.51	0.33	123.6	-0.15	0.51	113.9	0.07	0.11
FJEPTC	181.7	0.13	1.67	242.0	1.23	1.34	290.3	0.07	1.50	141.0	1.13	1.42	125.0	0.73	0.96
FWGF74	190.3	0.42	2.23	177.0	-0.62	0.62	273.7	-0.49	1.40	120.0	-0.41	0.82	99.7	-0.78	0.97
GGKFWF	179.8	0.06	0.51	239.8	1.17	1.03	258.6	-1.00	0.86	124.0	-0.12	0.72	107.4	-0.32	0.59
H298Q7	180.7	0.09	0.41	173.7	-0.72	0.17	286.7	-0.05	0.37	123.7	-0.14	0.31	120.0	0.43	0.14
J6YXET	163.1	-0.50	0.23	199.9	0.03	0.34	289.0	0.03	0.39	124.7	-0.07	0.85	111.6	-0.07	0.33
K6YBGF	159.6	-0.62	0.59	208.0	0.26	0.49	264.3	-0.81	1.10	126.5	0.07	1.05	108.8	-0.23	1.54
LR4NKJ	426.8	8.36X	1.19	140.0	-1.68	0.09	196.6	-3.11X	0.33	368.8	17.93X	0.88	272.3	9.46X	0.69
LWYD8H	156.7	-0.71	0.34	182.3	-0.47	0.62	258.7	-1.00	0.25	118.3	-0.54	0.63	99.7	-0.78	0.52





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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>M9R2U6</b>	<b>144.7</b>	-1.12	0.82	<b>208.3</b>	0.27	0.17	<b>251.3</b>	-1.25	0.14	<b>114.0</b>	-0.86	0.21	<b>98.2</b>	-0.86	0.03
<b>MKKKCG</b>	<b>112.2</b>	-2.21	1.05	<b>125.4</b>	-2.10	0.68	<b>171.2</b>	-3.97X	2.79	<b>72.2</b>	-3.94X	0.89	<b>51.3</b>	-3.64X	0.52
<b>MNNBLG</b>	<b>189.0</b>	0.37	0.59	<b>173.0</b>	-0.74	0.17	<b>288.2</b>	0.00	1.28	<b>120.7</b>	-0.36	0.16	<b>114.6</b>	0.11	0.62
<b>MWE2ZW</b>	<b>211.0</b>	1.11	1.90	<b>266.0</b>	1.91	3.66	<b>298.3</b>	0.34	1.50	<b>186.7</b>	4.50X	6.88	<b>163.3</b>	3.00	3.82
<b>MZDCVW</b>	<b>175.7</b>	-0.08	0.34	<b>140.3</b>	-1.67	0.62	<b>280.3</b>	-0.27	0.62	<b>105.0</b>	-1.52	0.54	<b>87.0</b>	-1.53	0.36
<b>NUNAAC</b>	<b>200.1</b>	0.75	1.24	<b>203.3</b>	0.13	0.31	<b>294.3</b>	0.21	1.44	<b>135.2</b>	0.71	0.51	<b>117.3</b>	0.27	1.80
<b>P7CJPP</b>	<b>200.7</b>	0.76	2.18	<b>200.7</b>	0.05	2.99	<b>303.0</b>	0.50	1.65	<b>136.7</b>	0.81	2.48	<b>136.7</b>	1.42	2.97
<b>R9V879</b>	<b>145.3</b>	-1.09	0.14	<b>208.6</b>	0.28	0.33	<b>270.6</b>	-0.60	0.15	<b>108.3</b>	-1.28	0.17	<b>96.8</b>	-0.95	0.18
<b>TX6BCK</b>	<b>189.8</b>	0.40	0.51	<b>162.8</b>	-1.03	0.06	<b>312.7</b>	0.83	0.62	<b>130.0</b>	0.32	0.52	<b>102.3</b>	-0.62	0.20
<b>W3PC7U</b>	<b>151.9</b>	-0.87	0.34	<b>198.9</b>	0.00	0.53	<b>253.7</b>	-1.17	0.43	<b>108.3</b>	-1.27	0.33	<b>100.8</b>	-0.71	0.31
<b>XLXR62</b>	<b>181.8</b>	0.13	0.66	<b>175.9</b>	-0.66	0.67	<b>266.9</b>	-0.72	0.87	<b>125.9</b>	0.02	0.02	<b>122.9</b>	0.60	0.41
<b>XTF3EV</b>	<b>190.0</b>	0.41	1.23	<b>183.1</b>	-0.45	0.60	<b>298.3</b>	0.34	0.60	<b>140.7</b>	1.11	1.01	<b>119.5</b>	0.40	0.19
<b>Y8Y834</b>	<b>203.7</b>	0.87	2.05	<b>199.3</b>	0.01	1.65	<b>302.7</b>	0.49	1.54	<b>123.3</b>	-0.17	0.47	<b>120.3</b>	0.45	0.40
<b>YCQELC</b>	<b>219.3</b>	1.39	2.62	<b>222.7</b>	0.68	2.08	<b>333.3</b>	1.53	2.11	<b>146.3</b>	1.53	2.31	<b>125.7</b>	0.77	0.35
<b>YECBT3</b>	<b>201.9</b>	0.81	0.89	<b>164.5</b>	-0.98	0.45	<b>307.7</b>	0.66	0.11	<b>137.6</b>	0.88	0.78	<b>126.1</b>	0.79	0.35
<b>YRK4EM</b>	<b>198.9</b>	0.70	0.74	<b>197.2</b>	-0.05	0.52	<b>303.1</b>	0.51	0.29	<b>125.6</b>	0.00	0.69	<b>120.6</b>	0.46	0.21

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	177.9			198.9			288.2			125.6			112.7		
<b>Median Abs Dev</b>	19.3			18.6			16.3			7.1			10.3		
<b>Avg Within Lab SD</b>	7.5			8.9			8.3			4.9			7.3		
<b>Labs Included</b>	40			41			39			38			38		
<b>Labs Reporting</b>	42			42			42			42			42		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TQ6FC	21.33	0.66	0.93	19.00	2.02	0.59	22.00	-2.27	0.46	20.67	1.24	0.64	20.33	2.19	0.37
36DR2X	16.93	-0.14	0.89	18.03	1.82	0.29	39.13	0.43	0.69	19.17	0.81	0.17	13.27	0.45	1.07
3K4CBL	14.67	-0.54	0.34	8.60	-0.11	0.10	35.83	-0.09	0.48	18.33	0.57	0.16	8.50	-0.73	0.32
3RQMRF	18.88	0.22		11.55	0.50		39.97	0.56		19.57	0.93		13.14	0.41	
4HGHEP	13.67	-0.72	0.26	11.33	0.45	0.34	35.00	-0.22	0.92	16.00	-0.11	0.55	10.23	-0.30	0.44
6DJHEK	14.29	-0.61	0.38	3.74	-1.10	0.31	35.95	-0.07	0.42	13.12	-0.95	0.20	7.34	-1.02	0.08
6G7VHW	14.80	-0.52	0.05	7.17	-0.40	0.12	40.80	0.69	0.36	16.95	0.17	0.10	10.05	-0.35	0.10
7LVRKT	12.40	-0.95	0.20	9.91	0.16	0.23	43.34	1.09	0.41	16.43	0.01	0.33	10.54	-0.23	0.26
7M3C78	20.67	0.54	0.23	14.67	1.13	0.42	41.80	0.85	0.77	21.07	1.36	0.57	15.80	1.07	0.30
9KBWU3	16.67	-0.18	0.26	8.33	-0.16	1.49	37.67	0.20	0.96	16.33	-0.01	0.64	9.67	-0.44	0.37
AH34DA	22.73	0.91	0.12	8.86	-0.05	0.09	43.22	1.08	0.28	20.93	1.32	0.27	13.70	0.55	0.10
AJT3UT	13.80	-0.70	0.00	5.37	-0.77	0.79	35.27	-0.18	0.61	16.10	-0.08	0.00	9.20	-0.56	0.00
BY444N	18.10	0.08	0.05	19.53	2.13	0.21	22.33	-2.22	0.31	15.18	-0.35	0.42	11.97	0.13	0.77
CJ74HL	28.92	2.03	0.25	21.28	2.49	0.19	75.91	6.23X	0.58	28.08	3.40X	0.90	15.48	0.99	0.20
E7C2YX	19.00	0.24		9.33	0.04	0.34	37.00	0.10		18.00	0.47	0.55	13.33	0.46	0.37
FEFB42	19.03	0.24	0.31	8.92	-0.04	0.15	38.62	0.35	0.27	18.07	0.49	0.04	12.38	0.23	0.13
FJEPTC	23.77	1.10	0.59	14.57	1.11	0.79	43.70	1.15	1.06	21.47	1.48	0.73	18.40	1.71	0.00
GGKFWF	29.83	2.19	0.91	27.55	3.77X	2.20	32.92	-0.55	0.07	14.69	-0.49	0.46	7.50	-0.98	0.32
J6YXET	11.67	-1.08	0.38	6.87	-0.46	0.10	35.36	-0.16	0.82	13.90	-0.72	0.24	7.28	-1.03	0.06
K6YBGF	12.23	-0.98	0.10	4.07	-1.03	0.03	34.08	-0.37	0.13	14.49	-0.55	0.61	7.02	-1.10	0.22
LR4NKJ	14.58	-0.56	0.23	9.32	0.04	0.31	42.30	0.93	1.02	20.18	1.10	0.60	21.20	2.40	0.21
LWYD8H	15.67	-0.36	0.26	9.33	0.04	0.90	34.67	-0.27	0.27	16.33	-0.01	0.64	12.67	0.30	1.35
M9R2U6	9.89	-1.41	0.12	3.20	-1.21	0.02	30.33	-0.96	0.07	11.97	-1.28	0.03	6.13	-1.32	0.14
MKKKCG	326.00	55.65X	0.56	351.14	69.99X	1.26	341.33	48.07X	0.73	340.28	94.04X	1.50	343.54	82.00X	2.79
MNNBLG	17.27	-0.07	0.32	7.55	-0.32	0.25	35.35	-0.17	0.40	15.65	-0.21	0.14	11.17	-0.07	0.10
MWE2ZW	18.33	0.12	4.93	14.33	1.07	4.82	22.33	-2.22	3.13	19.67	0.95	4.83	11.67	0.05	4.86



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>MZDCVW</b>	<b>24.33</b>	1.20	0.26	<b>11.67</b>	0.52	0.34	<b>40.00</b>	0.57	0.46	<b>22.33</b>	1.73	0.32	<b>13.00</b>	0.38	1.12
<b>NUNAAC</b>	<b>18.44</b>	0.14	0.76	<b>6.62</b>	-0.51	0.23	<b>36.84</b>	0.07	1.51	<b>15.98</b>	-0.12	1.14	<b>11.16</b>	-0.07	1.84
<b>P7CJPP</b>	<b>21.00</b>	0.60	1.55	<b>10.00</b>	0.18	0.59	<b>35.67</b>	-0.11	0.70	<b>16.00</b>	-0.11	0.55	<b>11.67</b>	0.05	0.99
<b>R9V879</b>	<b>14.56</b>	-0.56	0.06	<b>10.28</b>	0.24	2.22	<b>35.73</b>	-0.11	0.32	<b>16.73</b>	0.10	0.45	<b>11.51</b>	0.01	1.01
<b>TX6BCK</b>	<b>23.07</b>	0.97	0.44	<b>9.93</b>	0.17	0.18	<b>40.87</b>	0.70	0.34	<b>21.90</b>	1.60	0.24	<b>16.80</b>	1.32	0.06
<b>W3PC7U</b>	<b>27.15</b>	1.71	1.28	<b>7.85</b>	-0.26	0.39	<b>39.42</b>	0.48	0.67	<b>18.36</b>	0.57	0.37	<b>10.72</b>	-0.18	0.32
<b>XLXR62</b>	<b>15.10</b>	-0.47	0.38	<b>6.97</b>	-0.44	0.14	<b>35.77</b>	-0.10	1.36	<b>13.70</b>	-0.78	0.05	<b>10.34</b>	-0.28	0.14
<b>XTF3EV</b>	<b>20.30</b>	0.47	0.08	<b>10.69</b>	0.32	0.28	<b>37.68</b>	0.20	0.77	<b>19.12</b>	0.80	0.62	<b>11.62</b>	0.04	0.23
<b>Y8Y834</b>	<b>14.60</b>	-0.56	0.74	<b>5.07</b>	-0.83	0.40	<b>32.03</b>	-0.69	0.84	<b>15.00</b>	-0.40	1.69	<b>8.77</b>	-0.67	0.16
<b>YCQELC</b>	<b>15.67</b>	-0.36	0.34	<b>6.02</b>	-0.63	0.42	<b>41.80</b>	0.85	2.64	<b>15.43</b>	-0.27	0.61	<b>9.48</b>	-0.49	0.68
<b>YECBT3</b>	<b>2.06</b>	-2.82X	0.49	<b>2.64</b>	-1.33	0.29	<b>19.45</b>	-2.67	1.71	<b>9.83</b>	-1.90	1.33	<b>1.74</b>	-2.40	0.48
<b>YRK4EM</b>	<b>18.10</b>	0.07	0.29	<b>8.24</b>	-0.18	0.25	<b>39.96</b>	0.56	0.09	<b>15.59</b>	-0.23	0.26	<b>11.46</b>	0.00	0.23

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups					Data units: mg/kg	
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	17.7	9.12	36.4	16.4	11.5	
<b>Median Abs Dev</b>	3.1	2.23	3.2	1.9	1.8	
<b>Avg Within Lab SD</b>	2.2	1.69	2.2	1.8	1.5	
<b>Labs Included</b>	36	36	36	36	37	
<b>Labs Reporting</b>	38	38	38	38	38	



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>AH34DA</b>	<b>253.9</b>		0.41	<b>209.8</b>		0.02	<b>719.0</b>		0.19	<b>213.1</b>		0.03	<b>95.1</b>		0.23			
<b>LK6WHG</b>	<b>262.0</b>		1.35	<b>179.7</b>		1.41	<b>691.3</b>		1.40	<b>257.7</b>		1.41	<b>94.0</b>		1.40			
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	258.0			194.7			705.2			235.4			94.6					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	3.9			43.3			6.1			14.0			1.9					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					



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K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7PTBQX</b>	<b>271.0</b>		1.02	<b>282.3</b>		0.65	<b>662.0</b>		0.13	<b>256.3</b>		0.54	<b>96.7</b>		0.73
<b>YECBT3</b>	<b>302.3</b>		0.97	<b>224.0</b>		1.26	<b>733.0</b>		1.41	<b>243.0</b>		1.31	<b>85.7</b>		1.21
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	286.7			253.2			697.5			249.7			91.2		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	2.6			5.0			15.7			8.4			4.8		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



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K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>46W3BQ</b>	<b>361.3</b>		1.00	<b>464.7</b>		1.00	<b>1,304.3</b>		1.00	<b>376.3</b>		1.00	<b>131.3</b>		1.00
K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	361.3			464.7			1,304.3			376.3			131.3		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	3.5			3.2			16.1			4.2			0.6		
<b>Labs Included</b>	1			1			1			1			1		
<b>Labs Reporting</b>	1			1			1			1			1		



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Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>46W3BQ</b>	<b>1,846.7</b>		1.00	<b>1,204.0</b>		1.00	<b>6,596.7</b>		1.00	<b>6,381.7</b>		1.00	<b>1,053.7</b>		1.00			
Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	1,846.7			1,204.0			6,596.7			6,381.7			1,053.7					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	33.8			13.2			111.5			67.2			4.0					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>7PTBQX</b>	<b>1.80</b>		0.15	<b>1.67</b>		1.73	<b>1.43</b>		0.12	<b>1.63</b>		0.04	<b>2.27</b>		0.16	
<b>93P9K8</b>	<b>1.95</b>		0.00	<b>1.42</b>		0.46	<b>1.26</b>		0.01	<b>1.56</b>		0.02	<b>2.04</b>		0.00	
<b>NUNAAC</b>	<b>0.56</b>		0.04	<b>0.79</b>		0.89	<b>0.07</b>		0.03	<b>0.04</b>		0.01	<b>0.62</b>		0.14	
<b>VEQDAZ</b>	<b>16.48</b>		1.99	<b>13.48</b>		0.00	<b>23.98</b>		2.00	<b>19.48</b>		2.00	<b>14.98</b>		1.99	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>		1.87			1.55			1.35			1.60			2.16		
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>		1.30			0.03			1.30			1.30			1.31		
<b>Labs Included</b>		4			4			4			4			4		
<b>Labs Reporting</b>		4			4			4			4			4		





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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>93P9K8</b>	<b>168.53</b>	0.95	1.66	<b>8.41</b>	1.80	1.76	<b>476.27</b>	1.43	0.86	<b>114.33</b>	1.27	0.81	<b>10.23</b>	0.97	0.53	
<b>BQCTQ8</b>	<b>152.35</b>	-0.32	0.61	<b>5.30</b>	0.00	0.56	<b>397.22</b>	-0.47	1.60	<b>95.03</b>	-0.43	0.43	<b>8.23</b>	-0.22	0.07	
<b>FW2YDW</b>	<b>156.47</b>	0.00	0.13	<b>5.61</b>	0.18	0.19	<b>444.80</b>	0.67	1.27	<b>108.13</b>	0.72	1.27	<b>8.59</b>	0.00	0.97	
<b>T8VTTE</b>	<b>144.86</b>	-0.92	1.14	<b>5.11</b>	-0.11	1.18	<b>416.83</b>	0.00	0.24	<b>99.93</b>	0.00	0.38	<b>10.01</b>	0.84	1.00	
<b>WAQN2R</b>	<b>171.42</b>	1.18	0.75	<b>3.07</b>	-1.29	0.39	<b>383.57</b>	-0.80	0.14	<b>89.08</b>	-0.95	1.55	<b>6.32</b>	-1.35	1.67	

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	156.5			5.30			416.8			99.9			8.59			
<b>Median Abs Dev</b>	11.6			0.31			28.0			8.2			1.41			
<b>Avg Within Lab SD</b>	2.4			0.26			3.6			1.3			0.29			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>93P9K8</b>	<b>238.1</b>	0.00	1.74	<b>220.1</b>	-0.01	1.34	<b>546.6</b>	0.00	1.51	<b>176.1</b>	-0.02	0.15	<b>69.6</b>	-0.77	0.52	
<b>BQCTQ8</b>	<b>221.8</b>	-0.98	1.36	<b>220.3</b>	0.00	1.47	<b>471.4</b>	-0.89	0.43	<b>163.8</b>	-0.47	1.90	<b>74.1</b>	0.00	1.70	
<b>FW2YDW</b>	<b>232.7</b>	-0.33	0.17	<b>223.8</b>	0.11	0.69	<b>548.3</b>	0.02	0.26	<b>185.8</b>	0.33	1.10	<b>77.7</b>	0.63	0.89	
<b>T8VTTE</b>	<b>255.1</b>	1.02	0.32	<b>314.0</b>	2.93	0.35	<b>733.2</b>	2.19	1.47	<b>247.4</b>	2.55	0.15	<b>76.2</b>	0.38	0.57	
<b>WAQN2R</b>	<b>255.7</b>	1.05	0.08	<b>209.8</b>	-0.33	0.67	<b>523.4</b>	-0.27	0.55	<b>176.8</b>	0.00	0.36	<b>64.9</b>	-1.60	0.84	

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	238.1			220.3			546.6			176.8			74.1			
<b>Median Abs Dev</b>	16.4			3.6			23.2			9.0			3.6			
<b>Avg Within Lab SD</b>	9.0			5.0			3.3			7.3			1.1			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>93P9K8</b>	<b>1,424.7</b>	-0.18	0.88	<b>688.3</b>	-0.52	1.08	<b>4,351.7</b>	0.00	1.46	<b>3,968.0</b>	-0.35	0.74	<b>763.7</b>	-0.14	1.23
<b>BQCTQ8</b>	<b>1,447.8</b>	0.00	1.25	<b>794.7</b>	0.62	0.38	<b>4,219.3</b>	-0.25	1.42	<b>4,305.8</b>	0.33	1.49	<b>846.7</b>	1.53	0.08
<b>FW2YDW</b>	<b>1,522.3</b>	0.57	0.11	<b>736.8</b>	0.00	1.18	<b>4,567.7</b>	0.41	0.69	<b>4,141.7</b>	0.00	0.50	<b>801.6</b>	0.62	0.67
<b>T8VTTE</b>	<b>1,375.3</b>	-0.55	1.57	<b>863.0</b>	1.35	0.87	<b>5,531.0</b>	2.26	0.45	<b>5,356.7</b>	2.46	1.01	<b>770.7</b>	0.00	1.68
<b>WAQN2R</b>	<b>1,720.2</b>	2.08	0.42	<b>653.8</b>	-0.89	1.24	<b>4,116.3</b>	-0.45	0.41	<b>4,028.1</b>	-0.23	0.98	<b>717.3</b>	-1.08	0.45

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	1,447.8			736.8			4,351.7			4,141.7			770.7		
<b>Median Abs Dev</b>	72.5			57.8			216.0			164.2			30.9		
<b>Avg Within Lab SD</b>	28.1			10.6			36.9			53.3			7.3		
<b>Labs Included</b>	5			5			5			5			5		
<b>Labs Reporting</b>	5			5			5			5			5		



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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>93P9K8</b>	<b>190.0</b>	0.00	1.45	<b>183.3</b>	-0.46	0.21	<b>420.3</b>	1.23	0.28	<b>162.0</b>	0.28		<b>116.7</b>	0.00	1.40
<b>BQCTQ8</b>	<b>183.7</b>	-0.65	0.84	<b>197.3</b>	0.12	2.13	<b>335.8</b>	-0.34	0.49	<b>155.6</b>	-0.16	0.98	<b>116.4</b>	-0.08	1.62
<b>FW2YDW</b>	<b>192.4</b>	0.25	0.42	<b>194.4</b>	0.00	0.13	<b>353.9</b>	0.00	2.15	<b>157.9</b>	0.00	0.31	<b>118.0</b>	0.36	0.42
<b>T8VTTE</b>	<b>189.6</b>	-0.04	1.42	<b>241.2</b>	1.96	0.31	<b>436.6</b>	1.53	0.28	<b>197.6</b>	2.75	1.03	<b>120.2</b>	0.95	0.27
<b>WAQN2R</b>	<b>214.0</b>	2.44	0.07	<b>174.4</b>	-0.83	0.57	<b>339.5</b>	-0.27	0.01	<b>155.3</b>	-0.18	1.37	<b>109.4</b>	-1.98	0.41
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	190.0			194.4			353.9			157.9			116.7		
<b>Median Abs Dev</b>	2.4			11.1			18.1			2.6			1.3		
<b>Avg Within Lab SD</b>	2.8			5.5			14.3			1.7			1.8		
<b>Labs Included</b>	5			5			5			5			5		
<b>Labs Reporting</b>	5			5			5			5			5		



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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>93P9K8</b>	<b>20.0</b>	-0.18	1.04	<b>87.1</b>	0.37	1.49	<b>25.1</b>	0.89	0.44	<b>42.5</b>	0.69	0.74	<b>10.0</b>	-0.04	0.60	
<b>BQCTQ8</b>	<b>20.4</b>	0.08	1.12	<b>83.5</b>	0.00	1.27	<b>20.3</b>	-0.19	1.80	<b>31.6</b>	-0.75	0.19	<b>10.7</b>	0.00	0.30	
<b>FW2YDW</b>	<b>20.3</b>	0.00	0.63	<b>81.4</b>	-0.22	0.41	<b>21.1</b>	0.00	0.87	<b>37.3</b>	0.00	0.59	<b>8.2</b>	-0.15	0.01	
<b>T8VTTE</b>	<b>19.3</b>	-0.71	1.09	<b>98.6</b>	1.59	0.64	<b>28.4</b>	1.63	0.48	<b>48.1</b>	1.44	1.92	<b>50.3</b>	2.40	1.70	
<b>WAQN2R</b>	<b>23.7</b>	2.40	1.05	<b>72.2</b>	-1.19	0.77	<b>18.1</b>	-0.67	0.76	<b>33.5</b>	-0.50	0.62	<b>23.6</b>	0.78	1.29	
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	20.3			83.5			21.1			37.3			10.7			
<b>Median Abs Dev</b>	0.3			3.5			3.0			5.2			2.5			
<b>Avg Within Lab SD</b>	0.4			1.7			0.6			1.4			0.4			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>93P9K8</b>	<b>10.73</b>	0.00	1.41	<b>3.05</b>		1.68	<b>7.28</b>	0.82	0.28	<b>6.06</b>	0.48	0.61	<b>1.02</b>	0.00	0.89	
<b>BQCTQ8</b>	<b>10.46</b>	-0.27	1.29	<b>13.29</b>	<b>X</b>	1.51	<b>6.16</b>	-0.75	1.45	<b>5.68</b>	-0.47	1.36	<b>1.03</b>	0.05	1.23	
<b>FW2YDW</b>	<b>11.06</b>	0.33	0.10	<b>3.06</b>		0.25	<b>6.69</b>	0.00	1.33	<b>5.87</b>	0.00	1.40	<b>1.14</b>	1.70	1.47	
<b>T8VTTE</b>	<b>9.58</b>	-1.17	1.11	<b>3.55</b>		0.42	<b>6.87</b>	0.25	0.18	<b>6.18</b>	0.78	0.58	<b>0.97</b>	-0.84	0.38	
<b>WAQN2R</b>	<b>12.32</b>	1.60	0.33	<b>2.48</b>		0.96	<b>5.59</b>	-1.55	1.01	<b>5.21</b>	-1.65	0.69	<b>0.97</b>	-0.79	0.63	
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	10.7			3.05			6.69			5.87			1.02			
<b>Median Abs Dev</b>	0.3						0.54			0.19			0.05			
<b>Avg Within Lab SD</b>	0.2			0.07			0.15			0.11			0.02			
<b>Labs Included</b>	5			4			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>	<b>1.62</b>	1.13		<b>1.06</b>	0.91		<b>1.45</b>	1.34		<b>1.35</b>	1.29		<b>1.45</b>	1.32	
<b>9L3TJW</b>	<b>1.30</b>	-0.83	0.00	<b>0.93</b>	-0.34	1.45	<b>1.17</b>	-0.48	1.85	<b>1.10</b>	-0.25	0.00	<b>1.17</b>	0.06	1.20
<b>FEFB42</b>	<b>1.43</b>	-0.04	0.00	<b>0.93</b>	-0.37	0.03	<b>1.22</b>	-0.12	0.18	<b>1.11</b>	-0.19	0.00	<b>1.08</b>	-0.34	0.12
<b>M9R2U6</b>	<b>1.44</b>	0.03	0.96	<b>0.94</b>	-0.23	0.42	<b>1.21</b>	-0.19	0.59	<b>1.09</b>	-0.30	0.63	<b>0.97</b>	-0.79	0.39
<b>MDMQE H</b>	<b>1.35</b>	-0.51	0.47	<b>0.86</b>	-1.01	0.15	<b>1.17</b>	-0.48	0.18	<b>1.09</b>	-0.34	0.28	<b>1.03</b>	-0.55	0.21
<b>TX6BCK</b>	<b>1.43</b>	-0.03	0.37	<b>1.00</b>	0.33	0.16	<b>1.26</b>	0.12	0.06	<b>1.17</b>	0.19	0.45	<b>1.14</b>	-0.06	0.03
<b>WAQN2R</b>	<b>1.62</b>	1.10	0.31	<b>0.99</b>	0.23	0.28	<b>1.38</b>	0.86	0.21	<b>1.33</b>	1.16	0.28	<b>1.35</b>	0.86	0.11
<b>XAP99R</b>	<b>1.60</b>	1.01	2.16	<b>1.05</b>	0.80	2.42	<b>1.38</b>	0.88	2.22	<b>1.30</b>	1.00	2.72	<b>1.36</b>	0.91	2.67
<b>Y8Y834</b>	<b>1.61</b>	1.09	1.70	<b>1.08</b>	1.09	0.63	<b>1.42</b>	1.11	0.18	<b>1.30</b>	1.02	0.74	<b>1.40</b>	1.12	0.43
<b>ZEDBPW</b>	<b>1.27</b>	-0.99	0.17	<b>0.82</b>	-1.43	0.59	<b>1.06</b>	-1.15	0.42	<b>0.98</b>	-1.01	0.56	<b>0.99</b>	-0.72	0.08

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	1.44			0.97			1.24			1.14			1.15		
<b>Median Abs Dev</b>	0.15			0.06			0.11			0.11			0.17		
<b>Avg Within Lab SD</b>	0.01			0.04			0.03			0.02			0.05		
<b>Labs Included</b>	10			10			10			10			10		
<b>Labs Reporting</b>	10			10			10			10			10		



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4R8ZUJ</b>	<b>140.00</b>	0.08	1.29	<b>6.67</b>	-0.27	0.74	<b>133.33</b>	0.84	0.42	<b>153.33</b>	0.36	1.25	<b>15.00</b>	-0.70	0.87	
<b>JYYG23</b>	<b>137.96</b>	-0.08	1.39	<b>9.44</b>	0.47	1.09	<b>126.86</b>	0.24	0.82	<b>151.32</b>	-0.36	1.51	<b>20.02</b>	0.05	0.78	
<b>MZDCVW</b>	<b>133.67</b>	-0.41	0.45	<b>8.70</b>	0.27	0.88	<b>116.67</b>	-0.71	0.73	<b>150.33</b>	-0.72	0.50	<b>15.20</b>	-0.67	0.92	
<b>TX6BCK</b>	<b>165.13</b>	2.03	0.64	<b>4.98</b>	-0.72	0.92	<b>134.10</b>	0.91	0.74	<b>155.27</b>	1.06	0.70	<b>33.88</b>	2.11	0.43	
<b>VEQDAZ</b>	<b>127.03</b>	-0.93	0.60	<b>2.67</b>	-1.34	0.68	<b>121.77</b>	-0.24	0.58	<b>150.73</b>	-0.58	0.33	<b>22.86</b>	0.47	1.61	
<b>XTF3EV</b>	<b>145.67</b>	0.52	1.20	<b>11.33</b>	0.97	1.47	<b>112.33</b>	-1.11	1.93	<b>155.00</b>	0.96	1.14	<b>19.33</b>	-0.05	1.00	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	139.0			7.68			124.3			152.3			19.7			
<b>Median Abs Dev</b>	6.0			2.23			8.3			1.8			3.8			
<b>Avg Within Lab SD</b>	3.4			0.39			3.4			2.3			0.6			
<b>Labs Included</b>	6			6			6			6			6			
<b>Labs Reporting</b>	6			6			6			6			6			





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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2H7U4Z	184.16	0.98	0.46	6.34	-0.30	0.05	205.01	5.26X	0.03	197.69	2.01	0.32	40.40	0.39	0.10	
2TQ6FC	131.67	-1.37	1.18	7.67	0.16	2.47	128.67	-0.84	0.92	152.67	-1.50	2.65	34.00	-0.80	1.53	
36DR2X	137.96	-1.09	0.31	6.47	-0.26	0.15	135.34	-0.31	0.55	163.00	-0.69	0.10	37.85	-0.08	0.26	
3RQMRF	161.66	-0.03		8.78	0.55		122.01	-1.37		187.95	1.25		49.65	2.11		
44XPUP	175.00	0.57		58.30	17.87X		137.00	-0.18		163.00	-0.69		34.30	-0.74		
9L3TJW	162.33	0.00	0.73	7.00	-0.07		150.33	0.89	1.85	165.67	-0.49	1.44	36.67	-0.30	0.88	
AH34DA	175.02	0.57	0.30	6.74	-0.16	0.41	138.83	-0.03	0.44	171.92	0.00	0.17	38.29	0.00	0.08	
AJT3UT	197.83	1.59	0.50	6.83	-0.13	0.47	158.17	1.52	1.58	184.67	1.00	0.51	36.83	-0.27	0.22	
BQCTQ8	155.72	-0.30	1.15	5.22	-0.69	0.47	133.10	-0.49	0.82	163.67	-0.64	0.40	42.67	0.81	0.25	
DB7DJA	135.87	-1.19	0.89	1.31	-2.06	1.39	130.14	-0.72	0.14	170.07	-0.14	0.26	37.92	-0.07	0.97	
FEFB42	169.90	0.34	0.13	7.90	0.24	0.57	143.61	0.35	0.28	171.90	0.00	0.10	39.09	0.15	0.34	
FW2YDW	180.13	0.80	0.98	3.25	-1.39	0.13	132.70	-0.52	0.43	182.77	0.85	0.44	45.55	1.35	0.84	
H298Q7	173.00	0.48	0.39	6.87	-0.12	0.09	145.33	0.49	0.12	167.67	-0.33	0.33	36.20	-0.39	0.08	
HQPKQH	163.00	0.03	0.19	9.00	0.63		139.00	-0.02	0.61	183.00	0.87	1.72	39.67	0.26	1.17	
JYYG23	146.98	-0.69	1.55	13.25	2.11	3.22	131.73	-0.60	1.55	164.11	-0.61	1.12	45.67	1.37	2.25	
K3R37A	142.10	-0.91	0.35	11.08	1.35	0.71	152.63	1.07	1.02	175.53	0.28	1.23	40.57	0.42	0.60	
L7RLR9	175.33	0.58	1.59	3.33	-1.36	0.47	142.33	0.25	0.77	175.50	0.28	0.43	28.50	-1.81		
L9EA7U	155.40	-0.31	0.00	9.43	0.78	0.00	146.60	0.59	0.00	165.10	-0.53	0.00	37.60	-0.13	0.00	
LK6WHG	179.00	0.75	0.51	7.77	0.20	0.41	150.00	0.86	0.20	186.00	1.10	0.87	42.33	0.75	0.44	
LLZKW7	182.33	0.90	0.45	9.33	0.74	1.87	153.33	1.13	0.31	184.00	0.94	0.75	34.00	-0.80	0.76	
M9R2U6	120.33	-1.88	0.30	6.06	-0.40	0.51	127.00	-0.98	1.41	162.33	-0.75	0.25	32.43	-1.09	0.39	
MDMQE H	113.36	-2.19	1.25	7.84	0.22	1.28	126.46	-1.02	0.32	152.83	-1.49	0.66	35.59	-0.50	0.10	
MNNBLG	153.56	-0.39	0.59	9.25	0.72	1.27	128.35	-0.87	0.62	172.54	0.05	1.59	35.79	-0.46	0.92	
NUNAAC	178.87	0.74	3.23	7.38	0.06	0.72	139.23	0.00	2.22	169.37	-0.20	1.53	40.88	0.48	0.51	
P7CJPP	176.76	0.65	1.99	7.08	-0.04	0.32	147.53	0.67	2.11	180.72	0.69	1.98	35.52	-0.51	0.63	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>R74HFZ</b>	<b>154.13</b>	-0.37	0.83	<b>2.27</b>	-1.73	0.61	<b>144.13</b>	0.39	0.17	<b>171.27</b>	-0.05	0.45	<b>27.53</b>	-1.99	0.61	
<b>RWY4X9</b>	<b>144.72</b>	-0.79	0.26	<b>3.47</b>	-1.31	0.05	<b>138.63</b>	-0.05	0.14	<b>155.68</b>	-1.27	0.50	<b>43.79</b>	1.02	0.96	
<b>T8VTTE</b>	<b>148.76</b>	-0.61	0.45	<b>6.97</b>	-0.08	0.21	<b>151.49</b>	0.98	0.49	<b>183.22</b>	0.88	0.79	<b>40.16</b>	0.35	0.27	
<b>TX6BCK</b>	<b>187.63</b>	1.13	0.47	<b>6.10</b>	-0.39	0.59	<b>152.37</b>	1.05	0.59	<b>176.40</b>	0.35	0.41	<b>38.50</b>	0.04	0.20	
<b>TZVAR4</b>	<b>165.33</b>	0.13	0.11	<b>13.33</b>	2.14	0.93	<b>130.33</b>	-0.71	0.12	<b>169.33</b>	-0.20	0.13	<b>39.33</b>	0.19	0.44	
<b>UJQ3D3</b>	<b>180.70</b>	0.82	0.00	<b>8.15</b>	0.33	0.00	<b>151.09</b>	0.95	0.00	<b>189.51</b>	1.37	0.00	<b>41.61</b>	0.62	0.00	
<b>WDPZXR</b>	<b>151.33</b>	-0.49	0.62	<b>7.00</b>	-0.07		<b>148.33</b>	0.73	0.12	<b>168.67</b>	-0.25	0.33	<b>35.00</b>	-0.61	0.76	
<b>XAP99R</b>	<b>187.93</b>	1.15	0.53	<b>7.33</b>	0.04	1.17	<b>166.43</b>	2.18	2.18	<b>178.47</b>	0.51	1.37	<b>37.40</b>	-0.16	3.36	
<b>XK8TNG</b>	<b>158.67</b>	-0.16	0.59	<b>7.86</b>	0.23	0.83	<b>140.67</b>	0.12	0.24	<b>166.67</b>	-0.41	0.13	<b>40.47</b>	0.40	0.19	
<b>XLXR62</b>	<b>155.25</b>	-0.32	0.57	<b>9.56</b>	0.82	0.47	<b>131.68</b>	-0.60	0.81	<b>180.41</b>	0.66	1.65	<b>38.25</b>	-0.01	0.39	
<b>XTF3EV</b>	<b>165.33</b>	0.13	1.24	<b>15.67</b>	2.96	0.93	<b>128.63</b>	-0.84	1.58	<b>171.67</b>	-0.02	1.75	<b>46.67</b>	1.55	0.44	
<b>Y8Y834</b>	<b>173.67</b>	0.51	2.13	<b>7.00</b>	-0.07	0.81	<b>150.00</b>	0.86	1.08	<b>180.33</b>	0.66	0.88	<b>39.33</b>	0.19	1.68	
<b>YRK4EM</b>	<b>160.70</b>	-0.07	0.56	<b>9.04</b>	0.64	0.51	<b>134.11</b>	-0.41	1.19	<b>181.75</b>	0.77	0.64	<b>49.24</b>	2.03	1.47	
<b>ZEDBPW</b>	<b>155.63</b>	-0.30	0.59	<b>7.02</b>	-0.07	0.61	<b>139.17</b>	0.00	0.34	<b>152.52</b>	-1.51	0.42	<b>32.29</b>	-1.11	1.69	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	162.3			7.21			139.2			171.9			38.3			
<b>Median Abs Dev</b>	13.0			1.03			8.6			8.4			2.6			
<b>Avg Within Lab SD</b>	5.2			0.62			4.9			4.6			1.3			
<b>Labs Included</b>	39			38			38			39			39			
<b>Labs Reporting</b>	39			39			39			39			39			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2H7U4Z	345.4	1.56	0.64	345.5	1.52	0.07	1,093.4	2.07	0.34	335.8	3.88X	0.31	129.7	3.11X	0.09
2TQ6FC	317.7	0.65	0.83	306.7	0.67	0.72	897.7	-0.35	0.34	267.3	0.25	0.30	103.0	0.81	0.94
36DR2X	297.6	-0.01	0.13	352.4	1.67	0.42	964.7	0.48	1.33	292.8	1.60	0.50	102.9	0.80	0.37
3RQMRF	271.9	-0.85		362.5	1.89		931.2	0.07		266.5	0.21		92.2	-0.12	
44XPUP	322.0	0.79		246.0	-0.67		922.0	-0.05		263.0	0.02		86.0	-0.66	
4R8ZUJ	288.7	-0.30	0.38	252.7	-0.52	0.12	880.0	-0.57	1.06	254.7	-0.42	0.33	77.0	-1.43	0.28
9L3TJW	297.0	-0.03	1.44	275.3	-0.02	1.17	946.0	0.25	2.54	261.7	-0.05	1.68	99.3	0.49	0.98
AH34DA	294.7	-0.10	0.07	256.6	-0.43	0.16	890.4	-0.44	0.09	237.7	-1.32	0.25	89.8	-0.33	0.04
AJT3UT	330.8	1.08	1.18	290.0	0.30	0.50	1,000.0	0.92	0.78	273.3	0.57	0.78	92.3	-0.11	0.30
BQCTQ8	283.2	-0.48	0.19	313.9	0.83	1.98	926.0	0.00	0.13	282.1	1.03	0.98	103.3	0.83	0.56
DB7DJA	282.8	-0.49	0.15	347.0	1.55	0.07	941.2	0.19	0.66	285.1	1.20	0.30	101.5	0.68	1.36
FEFB42	296.2	-0.05	0.17	250.2	-0.57	0.28	887.6	-0.47	0.08	248.1	-0.77	0.21	84.6	-0.78	0.24
FW2YDW	361.2	2.08	0.03	307.8	0.69	0.29	1,083.3	1.94	0.10	310.3	2.53	0.12	113.0	1.67	0.04
H298Q7	299.0	0.04	0.45	249.0	-0.60	0.28	894.3	-0.39	0.08	269.7	0.38	0.33	96.0	0.20	0.23
HQPKQH	291.3	-0.21	0.26	239.0	-0.82	0.28	885.3	-0.50	0.23	266.0	0.18	1.18	106.3	1.09	0.36
JYYG23	251.4	-1.52	1.41	251.3	-0.55	1.49	874.0	-0.64	1.63	262.4	-0.01	2.29	106.7	1.13	1.33
K3R37A	240.7	-1.87	0.39	286.7	0.23	0.95	849.3	-0.95	0.58	252.6	-0.53	0.87	84.5	-0.79	0.38
L7RLR9	322.0	0.79	2.25	257.0	-0.42	1.10	959.8	0.42	0.96	253.5	-0.48	1.29	95.3	0.15	0.53
L9EA7U	287.4	-0.34	0.00	266.7	-0.21	0.00	904.8	-0.26	0.00	251.2	-0.60	0.00	81.6	-1.04	0.00
LK6WHG	313.0	0.50	0.55	293.3	0.37	0.58	954.7	0.36	0.22	277.7	0.80	0.46	98.7	0.43	0.49
LLZKW7	328.7	1.01	1.04	322.0	1.00	0.74	996.7	0.87	1.07	288.3	1.37	0.68	87.0	-0.57	0.23
M9R2U6	220.3	-2.54	0.38	318.3	0.92	0.76	837.7	-1.09	0.08	246.0	-0.88	0.43	85.6	-0.70	0.14
MDMQE H	208.5	-2.93X	1.01	297.2	0.46	0.51	803.8	-1.51	0.55	238.3	-1.29	0.39	91.9	-0.15	1.19
MNNBLG	306.6	0.29	0.50	275.7	-0.01	0.33	954.4	0.35	1.07	262.8	0.01	1.23	94.6	0.08	0.29
R74HFZ	295.5	-0.07	0.68	123.7	-3.35X	0.39	886.3	-0.49	0.36	254.2	-0.44	0.73	84.3	-0.80	0.93



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>RWY4X9</b>	<b>261.8</b>	-1.18	0.37	<b>319.9</b>	0.96	0.93	<b>889.5</b>	-0.45	0.63	<b>257.8</b>	-0.25	0.96	<b>90.6</b>	-0.27	0.26
<b>T8VTTE</b>	<b>257.7</b>	-1.32	0.42	<b>330.9</b>	1.20	0.14	<b>1,019.7</b>	1.16	1.02	<b>283.9</b>	1.13	0.42	<b>87.5</b>	-0.53	0.12
<b>TX6BCK</b>	<b>298.0</b>	0.01	0.66	<b>273.3</b>	-0.07	0.53	<b>896.0</b>	-0.37	0.31	<b>254.7</b>	-0.42	0.68	<b>92.7</b>	-0.08	0.26
<b>TZVAR4</b>	<b>294.3</b>	-0.11	0.07	<b>231.3</b>	-0.99	0.16	<b>823.0</b>	-1.27	0.07	<b>252.0</b>	-0.56	0.80	<b>76.0</b>	-1.52	0.23
<b>UJQ3D3</b>	<b>326.8</b>	0.95	0.00	<b>276.9</b>	0.01	0.01	<b>985.8</b>	0.74	0.00	<b>284.6</b>	1.17	0.00	<b>112.1</b>	1.59	0.00
<b>VEQDAZ</b>	<b>308.7</b>	0.36	0.57	<b>352.3</b>	1.67	0.24	<b>1,027.2</b>	1.25	0.17	<b>296.1</b>	1.78	0.33	<b>86.6</b>	-0.60	0.17
<b>WDPZXR</b>	<b>288.7</b>	-0.30	0.89	<b>234.3</b>	-0.92	0.42	<b>995.7</b>	0.86	0.68	<b>254.3</b>	-0.44	0.65	<b>91.0</b>	-0.23	0.23
<b>XAP99R</b>	<b>345.9</b>	1.58	3.71	<b>305.5</b>	0.64	3.31	<b>1,061.8</b>	1.68	2.77	<b>281.6</b>	1.01	3.58	<b>110.4</b>	1.44	4.70
<b>XK8TNG</b>	<b>309.7</b>	0.39	1.01	<b>268.3</b>	-0.18	0.52	<b>967.7</b>	0.52	0.25	<b>263.3</b>	0.04	0.92	<b>110.0</b>	1.41	0.23
<b>XLXR62</b>	<b>299.3</b>	0.05	0.61	<b>257.2</b>	-0.42	0.19	<b>912.1</b>	-0.17	0.63	<b>253.1</b>	-0.50	0.58	<b>91.6</b>	-0.18	0.09
<b>XTF3EV</b>	<b>284.7</b>	-0.43	0.36	<b>252.3</b>	-0.53	0.52	<b>898.3</b>	-0.34	1.24	<b>277.3</b>	0.78	0.68	<b>99.0</b>	0.46	0.85
<b>Y8Y834</b>	<b>314.7</b>	0.55	1.80	<b>278.3</b>	0.04	3.02	<b>971.7</b>	0.57	2.76	<b>261.7</b>	-0.05	0.30	<b>99.3</b>	0.49	1.41
<b>YRK4EM</b>	<b>309.6</b>	0.39	0.87	<b>250.7</b>	-0.56	0.57	<b>925.8</b>	0.00	0.40	<b>260.8</b>	-0.09	1.14	<b>94.6</b>	0.08	0.10
<b>ZEDBPW</b>	<b>307.7</b>	0.32	0.59	<b>253.4</b>	-0.50	0.93	<b>817.3</b>	-1.34	0.34	<b>253.7</b>	-0.47	0.29	<b>104.3</b>	0.92	1.19

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	297.8			276.3			925.8			262.6			93.6		
<b>Median Abs Dev</b>	13.8			25.9			39.5			9.7			7.3		
<b>Avg Within Lab SD</b>	8.0			9.5			24.9			7.0			4.3		
<b>Labs Included</b>	38			38			39			38			38		
<b>Labs Reporting</b>	39			39			39			39			39		



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2H7U4Z	1,635.1	0.67	0.18	898.4	1.02	0.18	5,057.3	3.41X	0.20	4,148.7	2.88X	0.15	866.6	0.58	0.07	
2TQ6FC	1,279.0	-1.04	0.36	639.7	-1.24	0.13	3,607.7	-1.55	0.58	2,728.3	-1.24	0.42	702.0	-0.91	0.18	
36DR2X	1,405.2	-0.44	0.29	880.3	0.87	0.43	3,990.9	-0.24	0.61	3,303.9	0.43	0.52	823.9	0.19	0.13	
3RQMRF	1,398.2	-0.47		906.4	1.09		3,777.2	-0.97		2,985.2	-0.49		755.0	-0.43		
4R8ZUJ	1,488.3	-0.04	0.60	695.7	-0.75	0.47	4,253.0	0.66	0.17	3,160.7	0.01	0.61	731.7	-0.64	0.55	
9L3TJW	1,537.7	0.20	0.65	718.3	-0.55	0.58	4,226.0	0.57	1.70	3,159.3	0.01	0.83	812.3	0.09	0.45	
AH34DA	1,544.0	0.23	0.34	666.7	-1.00	0.17	4,035.0	-0.08	0.24	2,875.0	-0.81	0.55	742.7	-0.54	0.15	
AJT3UT	1,770.7	1.32	0.53	792.5	0.10	0.33	4,433.7	1.28	1.05	3,484.2	0.95	0.87	814.8	0.11	0.52	
BQCTQ8	1,521.7	0.12	0.46	970.2	1.65	0.83	4,102.5	0.15	0.51	3,225.2	0.20	0.16	919.0	1.05	0.32	
DB7DJA	1,365.3	-0.63	1.24	788.8	0.06	0.26	4,177.3	0.40	0.28	3,376.4	0.64	0.02	768.5	-0.31	0.39	
FEFB42	1,459.3	-0.18	0.16	827.3	0.40	0.04	3,882.7	-0.61	0.10	2,921.7	-0.68	0.12	693.1	-0.99	0.16	
FW2YDW	1,808.0	1.50	0.23	912.9	1.15	1.05	4,371.7	1.07	0.27	3,443.7	0.83	0.23	954.8	1.37	0.28	
H298Q7	1,535.0	0.19	0.11	700.0	-0.71	0.13	3,983.7	-0.26	0.30	3,096.0	-0.17	0.09	921.7	1.07	0.19	
HQPKQH	1,701.0	0.98	0.63	770.7	-0.09	0.59	4,524.3	1.59	0.48	3,621.7	1.35	0.41	998.7	1.77	0.07	
JYYG23	1,323.5	-0.83	2.71	659.0	-1.07	2.74	3,767.2	-1.00	3.92	2,787.3	-1.07	3.36	906.0	0.93	3.50	
K3R37A	1,209.0	-1.38	0.02	760.0	-0.19	0.72	3,841.7	-0.75	0.38	3,068.7	-0.25	0.94	711.3	-0.83	0.40	
L7RLR9	1,571.5	0.36	1.69	686.2	-0.83	0.83	4,300.5	0.82	1.24	3,155.5	0.00	0.73	789.2	-0.12	0.54	
L9EA7U	1,459.7	-0.17	0.00	717.8	-0.56	0.00	4,139.4	0.27	0.00	2,898.1	-0.75	0.00	718.6	-0.76	0.00	
LK6WHG	1,646.3	0.72	0.93	860.0	0.69	0.87	2,708.3	-4.62X	0.08	2,440.0	-2.07	0.28	805.7	0.03	0.10	
LLZKW7	1,691.0	0.94	0.66	886.7	0.92	0.77	4,085.0	0.09	0.74	3,349.7	0.56	0.57	922.0	1.08	0.23	
M9R2U6	1,129.0	-1.76	0.02	801.3	0.17	0.43	3,539.0	-1.78	0.26	2,917.7	-0.69	0.26	702.0	-0.91	0.15	
MDMQE H	1,102.0	-1.89	0.86	741.5	-0.35	0.38	3,838.3	-0.76	0.33	3,012.5	-0.41	0.68	717.4	-0.77	0.36	
MNNBLG	1,485.5	-0.05	0.57	692.0	-0.78	0.27	4,059.7	0.00	1.04	2,832.4	-0.94	0.39	757.6	-0.41	0.41	
R74HFZ	1,463.0	-0.16	1.14	351.7	-3.76X	0.34	3,937.7	-0.42	0.54	3,639.0	1.40	1.04	724.7	-0.71	0.55	
RWY4X9	1,363.9	-0.63	0.40	873.6	0.81	0.11	4,253.5	0.66	0.68	3,418.5	0.76	0.60	810.9	0.07	0.23	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>T8VTTE</b>	<b>1,126.6</b>	-1.77	0.34	<b>709.0</b>	-0.63	0.13	<b>3,739.3</b>	-1.10	1.30	<b>2,829.6</b>	-0.94	0.69	<b>638.9</b>	-1.48	0.33
<b>TZVAR4</b>	<b>1,652.0</b>	0.75	0.05	<b>802.0</b>	0.18	0.06	<b>3,853.0</b>	-0.71	0.24	<b>3,061.7</b>	-0.27	0.04	<b>847.0</b>	0.40	0.07
<b>VEQDAZ</b>	<b>1,285.5</b>	-1.01	0.73	<b>975.3</b>	1.70	1.38	<b>3,836.0</b>	-0.77	1.23	<b>3,262.1</b>	0.31	0.30	<b>732.0</b>	-0.64	1.53
<b>WDPZXR</b>	<b>1,586.3</b>	0.43	1.04	<b>658.3</b>	-1.08	0.08	<b>4,080.0</b>	0.07	0.21	<b>3,222.3</b>	0.19	0.24	<b>848.7</b>	0.41	0.45
<b>XAP99R</b>	<b>1,934.4</b>	2.11	3.09	<b>792.3</b>	0.10	1.89	<b>5,453.5</b>	4.77X	3.71	<b>3,934.7</b>	2.26	2.60	<b>910.0</b>	0.97	3.27
<b>XK8TNG</b>	<b>1,466.3</b>	-0.14	0.80	<b>731.0</b>	-0.44	0.13	<b>4,276.7</b>	0.74	0.08	<b>3,236.3</b>	0.23	0.74	<b>929.7</b>	1.15	0.04
<b>XLXR62</b>	<b>1,483.3</b>	-0.06	1.17	<b>686.3</b>	-0.83	0.51	<b>4,070.4</b>	0.04	0.79	<b>2,937.8</b>	-0.63	0.22	<b>773.9</b>	-0.26	0.60
<b>XTF3EV</b>	<b>1,538.0</b>	0.20	0.91	<b>798.0</b>	0.15	1.09	<b>3,587.0</b>	-1.62	1.35	<b>2,958.3</b>	-0.57	2.65	<b>957.7</b>	1.40	0.44
<b>Y8Y834</b>	<b>1,503.7</b>	0.04	1.57	<b>839.3</b>	0.51	3.60	<b>4,234.7</b>	0.60	0.86	<b>3,187.3</b>	0.09	0.22	<b>875.0</b>	0.65	2.41
<b>YRK4EM</b>	<b>1,518.4</b>	0.11	0.70	<b>781.4</b>	0.00	0.42	<b>4,020.0</b>	-0.14	0.46	<b>2,977.0</b>	-0.52	0.85	<b>781.7</b>	-0.19	0.62
<b>ZEDBPW</b>	<b>1,653.3</b>	0.76	0.52	<b>674.8</b>	-0.93	0.53	<b>4,212.4</b>	0.52	0.45	<b>3,450.2</b>	0.85	0.41	<b>800.0</b>	-0.03	0.49

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	1,496.0			781.4			4,059.7			3,155.5			802.9		
<b>Median Abs Dev</b>	114.3			81.4			193.3			217.7			71.7		
<b>Avg Within Lab SD</b>	52.9			34.8			126.0			104.5			39.7		
<b>Labs Included</b>	36			35			33			35			36		
<b>Labs Reporting</b>	36			36			36			36			36		



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2H7U4Z	252.1	1.28	0.22	253.0	1.64	0.04	463.7	2.71	0.29	194.2	3.23X	0.34	150.4	1.67	0.19
2TQ6FC	200.7	-0.44	0.58	180.3	-0.98	0.72	350.1	-0.67	0.86	146.7	-0.51	0.68	118.3	-0.54	0.82
36DR2X	198.4	-0.51	0.29	236.5	1.05	0.59	357.0	-0.47	0.68	157.1	0.31	0.58	127.2	0.07	0.32
3RQMRF	203.0	-0.36		251.8	1.60		375.1	0.07		156.1	0.23		119.6	-0.45	
4R8ZUJ	227.7	0.47	0.88	210.7	0.12	0.18	417.0	1.32	1.08	154.3	0.09	1.41	114.0	-0.84	0.81
9L3TJW	219.3	0.19	0.98	199.7	-0.28	1.01	372.7	0.00	2.01	153.3	0.01	1.35	127.7	0.10	1.18
AH34DA	245.7	1.07	0.32	201.3	-0.22	0.23	389.7	0.51	0.21	152.7	-0.04	0.34	127.0	0.06	0.23
AJT3UT	261.2	1.58	0.69	225.2	0.64	0.23	417.8	1.35	0.56	170.3	1.35	0.57	132.2	0.41	0.60
BQCTQ8	212.6	-0.04	0.55	233.1	0.93	1.79	375.4	0.08	0.03	164.0	0.85	0.70	137.5	0.78	0.52
DB7DJA	194.1	-0.66	0.11	242.9	1.28	0.01	384.2	0.35	0.47	148.2	-0.39	0.10	125.2	-0.07	1.94
FEFB42	213.7	0.00	0.06	191.6	-0.57	0.24	346.1	-0.79	0.05	145.3	-0.62	0.10	115.8	-0.71	0.30
FW2YDW	246.4	1.09	0.99	228.6	0.76	1.02	410.0	1.11	0.11	166.2	1.03	0.22	140.6	0.99	0.22
H298Q7	221.7	0.26	0.49	212.0	0.16	0.55	356.7	-0.48	0.19	153.0	-0.01	0.22	138.7	0.86	0.59
HQPKQH	212.3	-0.05	0.88	185.0	-0.81	0.55	367.7	-0.15	0.10	161.3	0.64	0.26	138.0	0.81	0.41
JYYG23	197.2	-0.55	1.20	184.7	-0.82	1.58	346.4	-0.78	1.32	152.2	-0.08	1.59	137.1	0.75	1.22
K3R37A	169.5	-1.48	0.02	207.4	0.00	1.06	333.3	-1.17	0.51	139.4	-1.08	1.42	110.2	-1.10	0.33
L7RLR9	206.8	-0.23	0.34	186.5	-0.76	0.61	386.8	0.42	0.47	149.0	-0.33	0.22	123.2	-0.21	0.18
L9EA7U	208.3	-0.18	0.00	193.2	-0.51	0.00	354.7	-0.54	0.00	144.2	-0.70	0.00	113.0	-0.91	
LLZKW7	237.3	0.79	1.28	235.0	0.99	1.15	373.0	0.01	0.96	165.7	0.98	1.14	118.7	-0.52	0.82
M9R2U6	158.3	-1.85	0.09	215.0	0.27	0.53	313.7	-1.76	0.10	132.7	-1.61	0.26	104.3	-1.50	0.27
MDMQE H	154.6	-1.98	0.87	210.6	0.11	0.53	319.5	-1.59	0.43	130.2	-1.80	0.42	108.8	-1.19	0.58
MNNBLG	232.2	0.62	1.06	195.8	-0.42	0.26	381.5	0.26	1.75	155.7	0.20	1.45	133.0	0.47	0.96
R74HFZ	209.0	-0.16	1.31	91.0	-4.20X	0.40	382.0	0.28	0.09	160.7	0.59	1.89	125.3	-0.06	1.56
RWY4X9	207.9	-0.19	0.49	262.0	1.97	0.89	403.7	0.93	0.50	172.7	1.53	0.61	140.4	0.98	0.60
T8VTTE	166.6	-1.57	0.37	212.0	0.17	0.08	361.3	-0.34	0.75	145.5	-0.60	0.41	103.5	-1.56	0.19



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>TZVAR4</b>	<b>246.7</b>	1.10	0.23	<b>197.3</b>	-0.36	0.32	<b>383.0</b>	0.31	0.18	<b>164.3</b>	0.88	0.84	<b>121.3</b>	-0.33	0.36
<b>VEQDAZ</b>	<b>188.4</b>	-0.84	1.91	<b>199.5</b>	-0.29	1.74	<b>363.3</b>	-0.28	0.58	<b>142.0</b>	-0.88	0.39	<b>112.9</b>	-0.91	1.99
<b>WDPZXR</b>	<b>229.3</b>	0.52	1.38	<b>102.7</b>	-3.78X	0.09	<b>360.0</b>	-0.38	0.50	<b>136.7</b>	-1.30	0.13	<b>122.7</b>	-0.24	0.71
<b>XAP99R</b>	<b>242.5</b>	0.96	2.18	<b>222.5</b>	0.54	1.23	<b>439.4</b>	1.99	3.87	<b>167.5</b>	1.13	2.04	<b>145.3</b>	1.31	3.18
<b>XK8TNG</b>	<b>204.7</b>	-0.30	0.71	<b>191.7</b>	-0.57	1.14	<b>363.7</b>	-0.27	0.99	<b>149.3</b>	-0.30	0.46	<b>142.7</b>	1.13	0.68
<b>XLXR62</b>	<b>226.2</b>	0.42	0.30	<b>182.1</b>	-0.91	0.25	<b>358.8</b>	-0.41	0.39	<b>146.5</b>	-0.52	1.42	<b>126.2</b>	0.00	0.78
<b>XTF3EV</b>	<b>222.5</b>	0.29	0.27	<b>187.0</b>	-0.74	1.32	<b>363.7</b>	-0.27	0.81	<b>160.0</b>	0.54	1.93	<b>130.0</b>	0.26	1.53
<b>Y8Y834</b>	<b>236.0</b>	0.74	1.07	<b>207.7</b>	0.01	2.93	<b>393.0</b>	0.61	0.64	<b>158.7</b>	0.43	1.22	<b>138.7</b>	0.86	0.54
<b>YRK4EM</b>	<b>235.0</b>	0.71	3.06	<b>185.9</b>	-0.78	1.07	<b>373.9</b>	0.04	1.34	<b>158.0</b>	0.38	1.44	<b>135.2</b>	0.62	0.04
<b>ZEDBPW</b>	<b>218.0</b>	0.14	0.34	<b>179.6</b>	-1.00	0.95	<b>341.7</b>	-0.92	0.16	<b>140.7</b>	-0.98	0.63	<b>121.3</b>	-0.33	0.43

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	213.7			207.4			372.7			153.2			126.2		
<b>Median Abs Dev</b>	15.6			17.7			15.7			7.6			10.3		
<b>Avg Within Lab SD</b>	6.5			6.6			11.2			4.5			4.3		
<b>Labs Included</b>	35			33			35			34			35		
<b>Labs Reporting</b>	35			35			35			35			35		





## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2H7U4Z</b>	<b>17.8</b>	-0.46	0.05	<b>4.7</b>	-0.84	0.04	<b>43.1</b>	0.55	0.06	<b>24.4</b>	0.44	0.41	<b>11.2</b>	-0.44	0.15	
<b>2TQ6FC</b>	<b>26.7</b>	0.83	0.30	<b>19.3</b>	1.26	1.66	<b>34.3</b>	-0.95	2.42	<b>22.7</b>	0.16	1.02	<b>26.0</b>	1.63	1.11	
<b>36DR2X</b>	<b>21.8</b>	0.11	0.74	<b>22.8</b>	1.75	3.24	<b>39.5</b>	-0.08	1.52	<b>24.4</b>	0.45	0.82	<b>12.7</b>	-0.23	0.57	
<b>3RQMRF</b>	<b>26.5</b>	0.81		<b>21.1</b>	1.51		<b>43.8</b>	0.66		<b>26.6</b>	0.82		<b>19.0</b>	0.65		
<b>9L3TJW</b>	<b>16.3</b>	-0.68	0.61	<b>5.3</b>	-0.75	0.38	<b>37.3</b>	-0.44	1.21	<b>17.7</b>	-0.68	0.28	<b>9.7</b>	-0.66	0.49	
<b>AH34DA</b>	<b>22.9</b>	0.29	0.08	<b>14.8</b>	0.61	0.17	<b>46.2</b>	1.08	0.24	<b>28.6</b>	1.15	0.34	<b>17.1</b>	0.38	0.13	
<b>BQCTQ8</b>	<b>22.5</b>	0.22	0.34	<b>13.5</b>	0.43	0.48	<b>46.2</b>	1.07	0.36	<b>26.0</b>	0.71	0.15	<b>16.7</b>	0.33	0.06	
<b>DB7DJA</b>	<b>41.3</b>	2.97	3.60	<b>29.1</b>	2.67	1.62	<b>42.9</b>	0.51	0.53	<b>38.0</b>	2.71	3.38	<b>36.9</b>	3.17	4.11	
<b>FEFB42</b>	<b>20.2</b>	-0.11	0.12	<b>9.2</b>	-0.19	0.09	<b>40.3</b>	0.07	0.07	<b>18.6</b>	-0.52	0.17	<b>12.1</b>	-0.32	0.14	
<b>FW2YDW</b>	<b>23.6</b>	0.39	0.48	<b>11.5</b>	0.14	0.08	<b>48.5</b>	1.47	0.33	<b>25.7</b>	0.67	0.31	<b>16.5</b>	0.30	0.03	
<b>HQPKQH</b>	<b>45.3</b>	3.55X	1.98	<b>34.0</b>	3.37X	3.49	<b>59.3</b>	3.31X	0.34	<b>39.7</b>	3.00X	1.71	<b>30.7</b>	2.29	1.48	
<b>K3R37A</b>	<b>16.1</b>	-0.70	0.17	<b>7.6</b>	-0.43	0.26	<b>37.6</b>	-0.39	0.40	<b>18.0</b>	-0.61	0.23	<b>10.9</b>	-0.49	0.18	
<b>L9EA7U</b>	<b>20.5</b>	-0.07		<b>10.4</b>	-0.02	0.00	<b>39.9</b>	0.00	0.00	<b>20.5</b>	-0.20		<b>14.4</b>	0.00	0.00	
<b>LLZKW7</b>	<b>18.8</b>	-0.31	0.38	<b>7.3</b>	-0.47	0.13	<b>38.9</b>	-0.18	0.90	<b>17.4</b>	-0.73	0.20	<b>10.4</b>	-0.56	0.18	
<b>M9R2U6</b>	<b>9.5</b>	-1.68	0.04	<b>3.2</b>	-1.06	0.11	<b>29.5</b>	-1.77	0.12	<b>12.1</b>	-1.61	0.05	<b>5.9</b>	-1.19	0.04	
<b>MDMQE H</b>	<b>32.2</b>	1.64	1.93	<b>5.9</b>	-0.67	0.63	<b>31.3</b>	-1.46	0.78	<b>16.1</b>	-0.94	0.58	<b>9.1</b>	-0.74	0.18	
<b>MNNBLG</b>	<b>22.4</b>	0.21	0.56	<b>10.9</b>	0.06	0.23	<b>45.2</b>	0.90	1.38	<b>23.6</b>	0.32	1.36	<b>15.3</b>	0.14	0.11	
<b>R74HFZ</b>	<b>15.5</b>	-0.80	0.52	<b>3.0</b>	-1.09	0.56	<b>27.5</b>	-2.12	0.39	<b>17.0</b>	-0.79	1.46	<b>7.3</b>	-0.99	0.97	
<b>RWY4X9</b>	<b>17.4</b>	-0.52	0.23	<b>9.9</b>	-0.09	0.09	<b>38.2</b>	-0.29	0.31	<b>17.4</b>	-0.72	0.05	<b>14.3</b>	0.00	0.06	
<b>T8VTTE</b>	<b>16.7</b>	-0.63	0.06	<b>9.3</b>	-0.19	0.12	<b>39.3</b>	-0.10	0.55	<b>19.7</b>	-0.33	0.08	<b>11.6</b>	-0.39	0.09	
<b>WDPZXR</b>	<b>22.3</b>	0.20	0.30	<b>11.0</b>	0.06		<b>38.7</b>	-0.21	0.34	<b>21.7</b>	-0.01	0.28	<b>18.0</b>	0.51	0.42	
<b>XAP99R</b>	<b>23.6</b>	0.39	1.31	<b>12.3</b>	0.25	1.29	<b>41.8</b>	0.32	1.68	<b>23.4</b>	0.28	1.71	<b>17.7</b>	0.47	0.78	
<b>XK8TNG</b>	<b>21.0</b>	0.00	0.03	<b>12.7</b>	0.31	1.03	<b>41.8</b>	0.33	0.64	<b>22.0</b>	0.04	0.22	<b>14.4</b>	0.00	0.15	
<b>XLXR62</b>	<b>19.5</b>	-0.21	0.30	<b>10.6</b>	0.00	0.28	<b>38.1</b>	-0.30	0.51	<b>20.2</b>	-0.25	0.41	<b>13.5</b>	-0.12	0.07	
<b>XTF3EV</b>	<b>20.7</b>	-0.04	0.36	<b>8.5</b>	-0.30	0.48	<b>38.6</b>	-0.22	0.43	<b>21.7</b>	0.00	0.04	<b>13.8</b>	-0.08	0.27	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Y8Y834</b>	<b>16.7</b>	-0.63	0.61	<b>5.5</b>	-0.72	1.24	<b>40.9</b>	0.17	2.07	<b>16.7</b>	-0.84	0.65	<b>9.9</b>	-0.63	0.28	
<b>YRK4EM</b>	<b>23.9</b>	0.43	0.97	<b>13.3</b>	0.39	0.15	<b>47.3</b>	1.27	1.02	<b>23.3</b>	0.27	0.09	<b>15.1</b>	0.10	0.22	
<b>ZEDBPW</b>	<b>40.8</b>	2.90	1.67	<b>24.1</b>	1.95	1.79	<b>47.7</b>	1.32	1.61	<b>33.5</b>	1.96	1.81	<b>29.0</b>	2.06	1.99	
Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	21.0			10.6			39.9			21.7			14.4			
<b>Median Abs Dev</b>	2.9			3.0			2.6			3.7			3.2			
<b>Avg Within Lab SD</b>	1.9			1.5			1.7			2.1			2.4			
<b>Labs Included</b>	27			27			27			27			28			
<b>Labs Reporting</b>	28			28			28			28			28			



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2H7U4Z</b>	<b>27.3</b>	0.67	0.05	<b>15.7</b>	0.47	0.01	<b>177.9</b>	0.91	0.09	<b>31.1</b>	1.05	0.04	<b>23.2</b>	1.39	0.13	
<b>2TQ6FC</b>	<b>24.0</b>	-0.07	2.34	<b>15.7</b>	0.45	0.48	<b>123.7</b>	-1.53	1.41	<b>25.3</b>	-0.23	2.55	<b>23.3</b>	1.42	2.23	
<b>36DR2X</b>	<b>20.1</b>	-0.94	0.15	<b>13.4</b>	-0.31	0.08	<b>150.6</b>	-0.32	0.86	<b>26.4</b>	0.00	0.19	<b>13.9</b>	-0.30	0.19	
<b>3RQMRF</b>	<b>18.2</b>	-1.37		<b>14.4</b>	0.03		<b>133.4</b>	-1.09		<b>22.9</b>	-0.77		<b>15.5</b>	-0.01		
<b>9L3TJW</b>	<b>23.7</b>	-0.14	0.45	<b>12.7</b>	-0.54	0.24	<b>168.7</b>	0.50	2.06	<b>27.7</b>	0.29	0.86	<b>18.3</b>	0.51	0.40	
<b>AH34DA</b>	<b>26.0</b>	0.39	0.22	<b>11.7</b>	-0.86	0.24	<b>159.1</b>	0.06	0.23	<b>25.2</b>	-0.26	0.10	<b>18.0</b>	0.46	0.12	
<b>BQCTQ8</b>	<b>24.5</b>	0.04	0.64	<b>16.7</b>	0.80	0.34	<b>171.7</b>	0.63	0.72	<b>28.2</b>	0.40	0.15	<b>20.6</b>	0.92	0.46	
<b>DB7DJA</b>	<b>54.1</b>	6.62X	18.29	<b>22.5</b>	2.69	0.26	<b>110.6</b>	-2.12	0.21	<b>45.2</b>	4.17	0.66	<b>25.8</b>	1.87	1.45	
<b>FEFB42</b>	<b>24.1</b>	-0.04	0.46	<b>13.5</b>	-0.26	0.04	<b>161.0</b>	0.15	0.11	<b>25.0</b>	-0.30	0.37	<b>12.8</b>	-0.50	0.15	
<b>FW2YDW</b>	<b>27.2</b>	0.65	0.78	<b>14.6</b>	0.09	0.13	<b>189.8</b>	1.45	0.49	<b>31.2</b>	1.08	0.12	<b>26.0</b>	1.91	0.26	
<b>H298Q7</b>	<b>24.6</b>	0.07	0.21	<b>13.1</b>	-0.39	0.11	<b>174.0</b>	0.74	0.21	<b>27.5</b>	0.25	0.15	<b>14.0</b>	-0.28	0.07	
<b>HQPKQH</b>	<b>26.0</b>	0.38		<b>14.3</b>	0.01	0.24	<b>160.7</b>	0.14	0.86	<b>28.7</b>	0.51	0.65	<b>17.0</b>	0.27	0.69	
<b>K3R37A</b>	<b>12.9</b>	-2.53	0.62	<b>7.9</b>	-2.12	0.28	<b>103.8</b>	-2.43	0.59	<b>17.4</b>	-1.98	0.57	<b>8.8</b>	-1.23	0.25	
<b>L9EA7U</b>	<b>23.6</b>	-0.15	0.00	<b>14.7</b>	0.13	0.00	<b>159.6</b>	0.09	0.00	<b>26.2</b>	-0.04	0.00	<b>14.3</b>	-0.22	0.00	
<b>LLZKW7</b>	<b>26.0</b>	0.38	0.78	<b>14.3</b>	0.00	0.17	<b>157.7</b>	0.00	1.28	<b>29.3</b>	0.66	0.86	<b>13.4</b>	-0.38	0.22	
<b>M9R2U6</b>	<b>15.6</b>	-1.92	0.32	<b>9.6</b>	-1.56	0.08	<b>150.0</b>	-0.35	0.37	<b>23.6</b>	-0.61	0.28	<b>11.5</b>	-0.73	0.14	
<b>MDMQE H</b>	<b>17.0</b>	-1.63	0.59	<b>12.7</b>	-0.52	0.08	<b>138.2</b>	-0.88	0.47	<b>22.3</b>	-0.90	0.07	<b>19.6</b>	0.74	2.45	
<b>MNNBLG</b>	<b>24.7</b>	0.10	1.20	<b>13.4</b>	-0.30	0.14	<b>162.7</b>	0.23	0.93	<b>26.1</b>	-0.06	3.20	<b>15.6</b>	0.01	0.79	
<b>NUNAAC</b>	<b>24.5</b>	0.05	2.08	<b>11.9</b>	-0.79	0.32	<b>155.0</b>	-0.12	2.46	<b>25.3</b>	-0.23	0.50	<b>19.9</b>	0.80	0.45	
<b>R74HFZ</b>	<b>20.0</b>	-0.95	0.64	<b>6.2</b>	-2.65	0.24	<b>120.5</b>	-1.68	0.19	<b>23.4</b>	-0.67	0.23	<b>10.7</b>	-0.88	0.42	
<b>RWY4X9</b>	<b>41.4</b>	3.80	0.61	<b>26.9</b>	4.16X	0.51	<b>232.5</b>	3.37X	1.32	<b>84.2</b>	12.82X	2.34	<b>29.3</b>	2.50	0.46	
<b>T8VTTE</b>	<b>21.6</b>	-0.60	0.34	<b>14.9</b>	0.19	0.02	<b>140.4</b>	-0.78	1.55	<b>26.4</b>	0.00	0.31	<b>15.3</b>	-0.04	0.07	
<b>WDPZXR</b>	<b>23.0</b>	-0.29	0.78	<b>13.0</b>	-0.43		<b>151.0</b>	-0.30	0.42	<b>25.7</b>	-0.16	0.33	<b>14.3</b>	-0.22	0.40	
<b>XAP99R</b>	<b>28.7</b>	0.97	2.11	<b>15.9</b>	0.54	0.55	<b>183.2</b>	1.15	0.70	<b>30.3</b>	0.87	1.53	<b>18.1</b>	0.46	2.12	
<b>XK8TNG</b>	<b>24.1</b>	-0.04	0.32	<b>14.3</b>	-0.01	0.61	<b>158.7</b>	0.05	0.88	<b>26.3</b>	-0.01	0.28	<b>15.2</b>	-0.06	0.33	



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XLXR62</b>	<b>23.4</b>	-0.20	1.08	<b>11.9</b>	-0.80	0.42	<b>152.9</b>	-0.22	0.80	<b>27.2</b>	0.19	1.00	<b>15.1</b>	-0.07	1.00	
<b>XTF3EV</b>	<b>26.0</b>	0.38	1.33	<b>14.7</b>	0.12	0.24	<b>152.0</b>	-0.25	1.02	<b>38.7</b>	2.75	1.29	<b>17.1</b>	0.28	0.43	
<b>Y8Y834</b>	<b>24.6</b>	0.07	1.65	<b>15.3</b>	0.34	0.42	<b>164.0</b>	0.29	1.49	<b>26.9</b>	0.12	0.80	<b>13.5</b>	-0.36	0.85	
<b>YRK4EM</b>	<b>24.7</b>	0.10	0.16	<b>17.3</b>	1.00	0.13	<b>154.7</b>	-0.13	1.52	<b>27.9</b>	0.34	1.01	<b>14.8</b>	-0.13	0.41	
<b>ZEDBPW</b>	<b>46.6</b>	4.95X	1.69	<b>17.9</b>	1.17	5.00	<b>179.5</b>	0.99	0.16	<b>57.6</b>	6.93X	4.06	<b>22.5</b>	1.28	2.59	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	24.3			14.3			157.7			26.4			15.5			
<b>Median Abs Dev</b>	1.7			1.4			7.7			1.4			2.5			
<b>Avg Within Lab SD</b>	1.3			2.4			4.7			1.8			1.4			
<b>Labs Included</b>	28			29			29			28			30			
<b>Labs Reporting</b>	30			30			30			30			30			



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2H7U4Z</b>	<b>560.2</b>	2.10	0.16	<b>1,495.5</b>	2.27	0.08	<b>553.1</b>	3.70X	0.09	<b>693.8</b>	5.85X	0.20	<b>878.7</b>	1.85	1.63
<b>2TQ6FC</b>	<b>420.7</b>	0.25	0.19	<b>1,346.0</b>	1.18	1.15	<b>392.7</b>	0.41	0.52	<b>473.7</b>	0.64	1.40	<b>717.3</b>	0.12	0.13
<b>36DR2X</b>	<b>365.3</b>	-0.48	0.25	<b>1,212.8</b>	0.21	0.35	<b>372.5</b>	0.00	0.29	<b>448.5</b>	0.04	0.29	<b>706.0</b>	-0.01	0.12
<b>3RQMRF</b>	<b>351.8</b>	-0.66		<b>1,198.8</b>	0.11		<b>267.7</b>	-2.14		<b>362.4</b>	-1.99		<b>667.1</b>	-0.42	
<b>BQCTQ8</b>	<b>328.3</b>	-0.97	0.14	<b>924.3</b>	-1.89	0.09	<b>333.4</b>	-0.80	0.81	<b>395.9</b>	-1.20	0.07	<b>639.3</b>	-0.72	0.09
<b>DB7DJA</b>	<b>438.7</b>	0.49	0.06	<b>1,410.9</b>	1.65	0.16	<b>428.2</b>	1.14	0.64	<b>522.0</b>	1.78	0.10	<b>910.4</b>	2.19	0.64
<b>FEFB42</b>	<b>389.5</b>	-0.16	0.16	<b>1,129.0</b>	-0.40	0.32	<b>350.0</b>	-0.46	0.12	<b>422.0</b>	-0.58	0.29	<b>637.6</b>	-0.74	0.07
<b>FW2YDW</b>	<b>376.1</b>	-0.34	0.57	<b>1,037.3</b>	-1.06	1.04	<b>361.0</b>	-0.24	0.06	<b>427.2</b>	-0.46	0.57	<b>693.6</b>	-0.14	0.07
<b>K3R37A</b>	<b>366.9</b>	-0.46	0.23	<b>1,094.7</b>	-0.65	1.18	<b>354.8</b>	-0.36	0.42	<b>439.9</b>	-0.16	1.31	<b>670.1</b>	-0.39	0.20
<b>LLZKW7</b>	<b>442.0</b>	0.54	0.69	<b>1,137.3</b>	-0.34	0.59	<b>380.7</b>	0.17	0.89	<b>462.0</b>	0.36	0.68	<b>777.0</b>	0.76	0.22
<b>M9R2U6</b>	<b>265.0</b>	-1.81	0.08	<b>1,243.0</b>	0.43	1.11	<b>319.7</b>	-1.08	0.14	<b>403.0</b>	-1.03	0.52	<b>682.0</b>	-0.26	0.07
<b>MDMQE H</b>	<b>322.7</b>	-1.05	0.46	<b>1,132.0</b>	-0.37	0.38	<b>327.5</b>	-0.92	0.31	<b>413.4</b>	-0.79	0.96	<b>662.1</b>	-0.48	0.05
<b>MNNBLG</b>	<b>454.1</b>	0.70	0.30	<b>1,188.4</b>	0.04	0.56	<b>446.1</b>	1.51	1.00	<b>485.0</b>	0.91	0.99	<b>727.9</b>	0.23	0.15
<b>T8VTTE</b>	<b>332.8</b>	-0.91	0.14	<b>1,110.0</b>	-0.53	0.42	<b>340.9</b>	-0.65	0.35	<b>422.5</b>	-0.57	0.57	<b>626.2</b>	-0.86	0.08
<b>WDPZXR</b>	<b>410.0</b>	0.11	1.26	<b>1,200.0</b>	0.12		<b>396.7</b>	0.50	0.33	<b>463.3</b>	0.39	0.50	<b>558.3</b>	-1.59	3.67
<b>XAP99R</b>	<b>448.1</b>	0.62	3.91	<b>1,178.6</b>	-0.04	3.11	<b>408.3</b>	0.73	3.68	<b>438.2</b>	-0.20	2.61	<b>819.3</b>	1.21	1.47
<b>XK8TNG</b>	<b>393.3</b>	-0.11	0.31	<b>1,128.3</b>	-0.40	0.80	<b>371.0</b>	-0.03	0.40	<b>446.7</b>	0.00	0.67	<b>757.7</b>	0.55	0.14
<b>XLXR62</b>	<b>458.1</b>	0.75	0.42	<b>1,128.5</b>	-0.40	0.52	<b>418.0</b>	0.93	0.51	<b>470.2</b>	0.56	1.01	<b>707.1</b>	0.01	0.14
<b>Y8Y834</b>	<b>418.3</b>	0.22	0.32	<b>1,273.0</b>	0.65	1.03	<b>397.3</b>	0.51	0.03	<b>461.3</b>	0.35	1.47	<b>776.7</b>	0.75	0.27
<b>YRK4EM</b>	<b>457.7</b>	0.74	0.65	<b>1,286.0</b>	0.75	0.32	<b>384.0</b>	0.24	0.54	<b>480.2</b>	0.79	0.44	<b>724.9</b>	0.20	0.09



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	401.7	1,183.5	372.5	446.7	706.6	
<b>Median Abs Dev</b>	43.4	57.3	24.8	24.2	47.8	
<b>Avg Within Lab SD</b>	21.0	30.0	17.4	11.6	96.4	
<b>Labs Included</b>	20	20	19	19	20	
<b>Labs Reporting</b>	20	20	20	20	20	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2H7U4Z	15.79	1.93	0.08	4.70	3.04	0.06	13.27	2.99	0.21	8.23	1.74	0.13	2.94	4.25X	0.07
2TQ6FC	10.67	-0.74	2.27	3.67	1.23	3.70	10.00	0.03	2.98	6.33	-1.18	2.84	1.73	0.76	2.51
36DR2X	8.36	-1.95	0.21	2.92	-0.09	0.06	7.42	-2.30	0.81	5.77	-2.05	0.17	1.48	0.03	0.10
3RQMRF	12.86	0.40		4.33	2.39		10.97	0.91		8.29	1.83		1.42	-0.15	
9L3TJW	12.30	0.11	0.52	2.97	0.00	0.37	10.10	0.12	1.66	7.43	0.51	1.24	1.50	0.09	0.71
AH34DA	13.59	0.78	0.16	2.96	0.00	0.35	10.43	0.43	0.35	7.13	0.05	0.26	1.36	-0.30	0.15
AJT3UT	14.18	1.09	0.25	2.88	-0.14	0.19	10.57	0.55	0.23	7.42	0.49	0.93	1.18	-0.82	0.55
BQCTQ8	12.64	0.29	0.25	2.61	-0.63	0.30	10.51	0.50	1.10	7.44	0.52	0.08	1.31	-0.47	0.29
DB7DJA	22.12	5.24X	0.47	5.24	4.00X	1.23	20.37	9.40X	0.23	13.78	10.31X	0.62	2.56	3.15	2.43
FEFB42	12.44	0.18	0.10	3.00	0.06	0.94	9.38	-0.52	0.06	7.01	-0.14	0.21	1.29	-0.51	0.15
FW2YDW	14.23	1.12	0.79	2.77	-0.35	0.42	11.06	1.00	0.37	8.26	1.78	0.30	1.53	0.19	0.37
H298Q7	13.13	0.55	0.50	2.57	-0.70	0.37	10.33	0.34	0.17	7.53	0.66	0.25	1.71	0.70	0.45
HQPKQH	12.13	0.02	0.30	2.83	-0.23	0.74	9.03	-0.84	0.34	6.97	-0.21	0.75	1.53	0.19	0.41
K3R37A	10.19	-0.99	0.19	2.78	-0.32	0.52	9.49	-0.43	0.20	6.97	-0.20	0.94	1.36	-0.32	0.66
L9EA7U	11.36	-0.38	0.00	2.80	-0.30	0.00	9.28	-0.61	0.00	6.68	-0.66	0.00	1.25	-0.64	0.00
LLZKW7	13.33	0.65	0.83	3.01	0.08	0.19	10.03	0.06	1.19	7.38	0.43	0.69	1.25	-0.62	0.25
M9R2U6	9.29	-1.46	0.28	3.52	0.97	0.26	8.66	-1.18	0.09	6.90	-0.30	0.93	1.27	-0.56	0.18
MDMQE H	8.43	-1.91	0.81	2.31	-1.14	0.46	7.96	-1.81	0.48	6.14	-1.48	0.52	1.11	-1.02	0.39
MNNBLG	12.05	-0.02	0.73	2.85	-0.21	0.08	9.60	-0.33	0.61	6.96	-0.22	0.63	1.44	-0.09	0.12
R74HFZ	11.33	-0.39	1.14	1.70	-2.22	0.00	10.20	0.22	0.52	6.17	-1.44	0.75	1.60	0.38	1.24
RWY4X9	10.47	-0.85	0.33	3.09	0.23	0.27	9.20	-0.68	0.80	7.05	-0.07	0.54	1.69	0.65	0.34
T8VTTE	10.17	-1.00	0.39	3.01	0.08	0.09	9.61	-0.32	0.67	7.32	0.34	0.56	1.30	-0.50	0.14
VEQDAZ	11.58	-0.26	0.32	4.16	2.10	0.19	11.80	1.66	0.45	7.98	1.36	0.48	1.79	0.93	0.07
WDPZXR	12.60	0.27	0.20	2.77	-0.35	0.10	9.58	-0.34	0.09	6.93	-0.26	0.28	2.03	1.63	1.80
XAP99R	13.71	0.85	1.33	3.22	0.45	2.05	10.46	0.45	1.83	7.46	0.56	1.80	1.61	0.40	1.95



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XK8TNG</b>	<b>13.20</b>	0.58	2.05	<b>3.36</b>	0.69	0.49	<b>9.92</b>	-0.03	0.10	<b>12.57</b>	8.43X	8.42	<b>2.44</b>	2.80	2.05	
<b>XLXR62</b>	<b>11.64</b>	-0.23	0.75	<b>2.71</b>	-0.45	0.22	<b>9.40</b>	-0.51	0.31	<b>6.83</b>	-0.42	1.01	<b>1.43</b>	-0.10	0.14	
<b>XTF3EV</b>	<b>11.48</b>	-0.32	0.61	<b>3.15</b>	0.32	1.54	<b>9.76</b>	-0.18	0.06	<b>7.03</b>	-0.11	2.12	<b>1.68</b>	0.60	0.87	
<b>Y8Y834</b>	<b>11.83</b>	-0.13	2.88	<b>3.07</b>	0.18	1.49	<b>10.11</b>	0.13	2.06	<b>7.35</b>	0.38	1.30	<b>1.46</b>	-0.03	0.96	
<b>YRK4EM</b>	<b>11.74</b>	-0.18	0.57	<b>3.01</b>	0.08	0.11	<b>9.21</b>	-0.68	1.66	<b>7.10</b>	0.00	1.19	<b>1.49</b>	0.06	0.14	
<b>ZEDBPW</b>	<b>13.20</b>	0.58	1.78	<b>2.27</b>	-1.22	1.83	<b>10.07</b>	0.09	0.98	<b>7.21</b>	0.16	0.64	<b>0.93</b>	-1.55	0.26	

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	12.1			2.97			9.96			7.10			1.47			
<b>Median Abs Dev</b>	1.1			0.19			0.53			0.28			0.17			
<b>Avg Within Lab SD</b>	0.5			0.16			0.34			0.20			0.14			
<b>Labs Included</b>	30			30			30			29			30			
<b>Labs Reporting</b>	31			31			31			31			31			





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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2H7U4Z</b>	<b>91.0</b>	0.57	0.01	<b>285.4</b>	-0.24	0.03	<b>203.8</b>	1.45	0.10	<b>91.7</b>	-0.72	0.02	<b>65.1</b>	-0.07	0.05	
<b>2TQ6FC</b>	<b>72.0</b>	-1.28	1.17	<b>266.0</b>	-0.57	0.69	<b>154.7</b>	-0.77	1.04	<b>93.7</b>	-0.62	1.54	<b>54.7</b>	-0.60	0.95	
<b>36DR2X</b>	<b>69.3</b>	-1.54	0.49	<b>317.3</b>	0.31	0.94	<b>145.0</b>	-1.21	0.59	<b>107.0</b>	0.01	0.55	<b>72.2</b>	0.30	0.32	
<b>3RQMRF</b>	<b>91.8</b>	0.64		<b>405.0</b>	1.81		<b>211.2</b>	1.79		<b>146.8</b>	1.91		<b>76.2</b>	0.50		
<b>9L3TJW</b>	<b>79.7</b>	-0.53	0.39	<b>294.7</b>	-0.08	1.68	<b>170.3</b>	-0.06	1.83	<b>96.0</b>	-0.51	0.98	<b>63.3</b>	-0.15	0.14	
<b>AH34DA</b>	<b>83.9</b>	-0.12	0.07	<b>219.4</b>	-1.37	0.12	<b>206.0</b>	1.55	0.08	<b>126.8</b>	0.96	0.17	<b>73.1</b>	0.35	0.07	
<b>AJT3UT</b>	<b>95.3</b>	0.98	1.03	<b>308.0</b>	0.15	1.44	<b>179.7</b>	0.36	0.81	<b>106.3</b>	-0.02	1.23	<b>62.0</b>	-0.22	0.62	
<b>BQCTQ8</b>	<b>74.5</b>	-1.03	0.01	<b>255.6</b>	-0.75	0.98	<b>170.1</b>	-0.07	1.44	<b>93.7</b>	-0.62	0.07	<b>39.4</b>	-1.38	0.02	
<b>DB7DJA</b>	<b>89.6</b>	0.43	0.27	<b>393.1</b>	1.61	0.03	<b>194.3</b>	1.02	0.50	<b>132.9</b>	1.25	0.05	<b>86.1</b>	1.01	2.57	
<b>FEFB42</b>	<b>85.2</b>	0.00	0.37	<b>313.2</b>	0.24	0.31	<b>165.5</b>	-0.28	0.20	<b>108.5</b>	0.08	0.23	<b>54.4</b>	-0.61	0.10	
<b>FW2YDW</b>	<b>89.5</b>	0.42	0.02	<b>272.3</b>	-0.46	0.20	<b>184.6</b>	0.58	0.26	<b>103.9</b>	-0.14	0.26	<b>53.1</b>	-0.68	0.50	
<b>H298Q7</b>	<b>70.4</b>	-1.43	0.17	<b>218.7</b>	-1.38	0.31	<b>158.3</b>	-0.60	0.56	<b>68.8</b>	-1.81	0.07	<b>55.1</b>	-0.58	0.19	
<b>HQPKQH</b>	<b>82.3</b>	-0.27	0.89	<b>274.0</b>	-0.43	1.60	<b>164.3</b>	-0.33	0.33	<b>95.7</b>	-0.53	0.82	<b>90.0</b>	1.21	0.70	
<b>K3R37A</b>	<b>68.0</b>	-1.66	0.12	<b>245.1</b>	-0.93	1.36	<b>149.8</b>	-0.99	0.37	<b>85.4</b>	-1.02	1.09	<b>57.3</b>	-0.46	0.54	
<b>L9EA7U</b>	<b>74.5</b>	-1.03		<b>313.0</b>	0.23		<b>160.6</b>	-0.50	0.00	<b>104.9</b>	-0.09	0.00	<b>43.5</b>	-1.17		
<b>LLZKW7</b>	<b>80.3</b>	-0.47	0.96	<b>251.3</b>	-0.82	0.46	<b>163.0</b>	-0.39	1.05	<b>75.3</b>	-1.50	1.05	<b>58.0</b>	-0.43	0.47	
<b>M9R2U6</b>	<b>54.0</b>	-3.02	0.15	<b>319.3</b>	0.34	0.70	<b>139.7</b>	-1.45	0.09	<b>90.6</b>	-0.77	0.64	<b>57.3</b>	-0.47	0.24	
<b>MDMQE H</b>	<b>48.5</b>	-3.55X	0.43	<b>222.5</b>	-1.32	0.48	<b>127.7</b>	-1.99	0.16	<b>75.2</b>	-1.51	0.76	<b>32.9</b>	-1.72	0.22	
<b>MNNBLG</b>	<b>90.7</b>	0.54	0.45	<b>322.1</b>	0.39	0.46	<b>181.5</b>	0.45	1.49	<b>117.0</b>	0.49	1.05	<b>73.3</b>	0.36	0.25	
<b>R74HFZ</b>	<b>88.7</b>	0.34	0.35	<b>167.3</b>	-2.26	0.31	<b>143.0</b>	-1.30	0.70	<b>109.0</b>	0.11	1.17	<b>87.3</b>	1.08	0.59	
<b>RWY4X9</b>	<b>75.9</b>	-0.90	0.35	<b>291.4</b>	-0.14	0.10	<b>156.1</b>	-0.70	0.49	<b>110.5</b>	0.18	0.17	<b>70.7</b>	0.22	0.20	
<b>T8VTTE</b>	<b>80.3</b>	-0.47	0.33	<b>346.2</b>	0.80	0.31	<b>186.0</b>	0.65	0.59	<b>135.2</b>	1.36	0.80	<b>80.5</b>	0.72	0.34	
<b>VEQDAZ</b>	<b>87.9</b>	0.26	0.53	<b>329.7</b>	0.52	0.19	<b>180.7</b>	0.41	0.02	<b>124.2</b>	0.84	0.71	<b>83.8</b>	0.90	0.60	
<b>WDPZXR</b>	<b>89.7</b>	0.44	0.64	<b>350.0</b>	0.87		<b>176.7</b>	0.23	0.93	<b>120.0</b>	0.63		<b>80.3</b>	0.72	0.36	
<b>XAP99R</b>	<b>85.8</b>	0.06	3.88	<b>283.5</b>	-0.27	3.00	<b>173.9</b>	0.10	3.79	<b>95.7</b>	-0.53	3.19	<b>63.9</b>	-0.12	3.98	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XK8TNG</b>	<b>85.0</b>	-0.02	0.36	<b>272.0</b>	-0.47	0.26	<b>173.0</b>	0.06	0.56	<b>109.3</b>	0.12	0.38	<b>98.6</b>	1.65	0.26	
<b>XLXR62</b>	<b>88.5</b>	0.33	0.82	<b>309.2</b>	0.17	0.91	<b>173.7</b>	0.09	0.63	<b>119.2</b>	0.60	0.99	<b>54.9</b>	-0.59	0.45	
<b>Y8Y834</b>	<b>89.8</b>	0.44	1.70	<b>332.7</b>	0.57	1.28	<b>179.0</b>	0.33	0.32	<b>118.3</b>	0.55	1.31	<b>98.5</b>	1.65	0.29	
<b>YRK4EM</b>	<b>87.9</b>	0.26	1.45	<b>335.9</b>	0.63	0.86	<b>174.7</b>	0.14	0.16	<b>121.9</b>	0.72	1.10	<b>71.1</b>	0.24	0.91	
<b>ZEDBPW</b>	<b>86.0</b>	0.08	0.18	<b>304.0</b>	0.08	1.20	<b>163.2</b>	-0.38	0.18	<b>106.4</b>	-0.01	0.92	<b>67.7</b>	0.07	0.69	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	85.2			299.4			171.7			106.7			66.4			
<b>Median Abs Dev</b>	4.8			28.8			10.5			12.8			11.3			
<b>Avg Within Lab SD</b>	3.9			6.6			6.2			3.1			4.3			
<b>Labs Included</b>	29			30			30			30			30			
<b>Labs Reporting</b>	30			30			30			30			30			



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2H7U4Z	273.3	3.11X	0.54	144.1	2.90X	0.34	76.8	5.55X	0.00	376.7	1.67	0.12	229.5	2.21	0.08
2TQ6FC	201.0	0.54	1.59	118.7	1.49	1.93	40.7	0.85	0.36	325.0	0.46	2.06	169.3	0.53	0.55
36DR2X	155.1	-1.10	0.31	92.4	0.04	0.57	33.1	-0.13	0.02	291.2	-0.33	0.49	143.2	-0.20	0.39
3RQMRF	206.7	0.74		115.0	1.29		41.1	0.91		395.1	2.09		185.7	0.98	
9L3TJW	169.0	-0.61	0.55	84.3	-0.41	1.99	33.3	-0.10	1.18	286.7	-0.43	1.22	133.7	-0.47	0.21
AH34DA	209.6	0.84	0.14	76.1	-0.86	0.45	42.5	1.09	0.17	339.8	0.81	0.17	168.9	0.51	0.03
AJT3UT	201.0	0.54	0.73	91.7	0.00	0.50	33.0	-0.15	0.41	297.3	-0.18	0.46	141.0	-0.27	0.36
BQCTQ8	157.8	-1.00	0.56	67.4	-1.34	1.03	27.4	-0.88	0.23	261.3	-1.03	0.32	113.0	-1.05	0.26
DB7DJA	212.4	0.94	0.11	94.1	0.13	0.19	35.2	0.14	0.38	383.7	1.83	0.06	216.4	1.84	2.66
FEFB42	183.9	-0.07	0.27	84.3	-0.40	0.35	25.9	-1.07	0.21	301.3	-0.09	0.31	124.9	-0.71	0.10
FW2YDW	184.4	-0.06	0.96	74.0	-0.98	0.29	33.1	-0.14	0.14	287.7	-0.41	0.27	132.1	-0.51	0.58
H298Q7	196.7	0.38	0.16	82.3	-0.52	0.74	33.1	-0.14	0.16	298.7	-0.15	0.42	135.7	-0.41	0.29
HQPKQH	173.3	-0.45	0.79	86.0	-0.31	0.66	33.7	-0.06	0.28	289.3	-0.37	0.38	149.0	-0.04	0.35
K3R37A	162.1	-0.85	0.24	74.1	-0.97	1.01	34.1	0.00	0.21	275.9	-0.68	1.17	132.3	-0.51	0.69
L9EA7U	172.9	-0.47	0.00	95.7	0.22	0.00	33.3	-0.11	0.00	310.9	0.13	0.00	123.0	-0.77	
LLZKW7	201.3	0.55	0.35	77.0	-0.81	0.33	33.0	-0.15	0.24	291.0	-0.33	0.13	152.0	0.04	0.62
M9R2U6	122.7	-2.26	0.08	99.9	0.46	0.93	28.0	-0.80	0.10	273.0	-0.75	0.69	156.3	0.16	0.15
MDMQE H	123.4	-2.23	0.44	70.2	-1.19	0.76	23.2	-1.42	0.13	235.2	-1.63	1.03	107.5	-1.20	0.01
MNNBLG	190.1	0.15	0.43	101.6	0.55	0.67	41.0	0.89	0.44	312.9	0.18	1.25	145.4	-0.14	0.11
R74HFZ	235.3	1.76	0.21	56.7	-1.93	1.01	57.7	3.06	4.27	342.3	0.86	0.87	233.3	2.31	0.40
RWY4X9	186.0	0.00	0.56	86.5	-0.29	0.83	34.3	0.02	0.08	309.2	0.09	0.16	164.2	0.38	0.29
T8VTTE	183.6	-0.08	0.34	108.1	0.91	0.46	44.6	1.36	0.21	378.4	1.70	0.83	157.3	0.19	0.26
VEQDAZ	212.9	0.96	0.87	99.1	0.41	0.79	52.9	2.43	0.39	330.7	0.59	0.26	206.9	1.58	0.19
WDPZXR	178.3	-0.27	0.40	96.0	0.24	0.33	33.3	-0.10	0.14	326.7	0.50	0.76	156.7	0.17	0.58
XAP99R	212.2	0.93	4.24	89.7	-0.11	1.56	38.7	0.59	2.61	277.4	-0.65	2.27	163.1	0.35	4.00



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XK8TNG</b>	<b>190.0</b>	0.14	0.37	<b>96.2</b>	0.25	0.47	<b>34.8</b>	0.09	0.19	<b>319.3</b>	0.33	1.15	<b>164.0</b>	0.38	0.36	
<b>XLXR62</b>	<b>184.2</b>	-0.06	0.79	<b>97.4</b>	0.32	0.58	<b>38.6</b>	0.58	0.16	<b>298.6</b>	-0.15	0.53	<b>128.3</b>	-0.62	0.19	
<b>Y8Y834</b>	<b>208.3</b>	0.80	0.57	<b>104.4</b>	0.71	2.77	<b>37.2</b>	0.40	0.14	<b>329.0</b>	0.55	2.62	<b>170.7</b>	0.56	1.24	
<b>YRK4EM</b>	<b>192.3</b>	0.23	1.23	<b>120.2</b>	1.58	0.64	<b>41.3</b>	0.94	0.41	<b>332.4</b>	0.63	0.91	<b>138.3</b>	-0.34	0.53	
<b>ZEDBPW</b>	<b>170.4</b>	-0.56	0.09	<b>76.4</b>	-0.84	0.67	<b>26.7</b>	-0.96	0.21	<b>279.7</b>	-0.60	1.06	<b>122.2</b>	-0.79	0.27	

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	186.0			91.7			34.1			305.2			150.5			
<b>Median Abs Dev</b>	15.4			9.3			4.5			22.6			18.3			
<b>Avg Within Lab SD</b>	7.2			3.0			4.2			7.6			10.0			
<b>Labs Included</b>	29			29			29			30			30			
<b>Labs Reporting</b>	30			30			30			30			30			



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2H7U4Z	3.88	1.02	0.09	5.45	0.48	0.06	2.24	0.74	0.10	1.78	-0.55	0.24	1.35	1.18	0.24
2TQ6FC	3.47	0.04	2.25	6.13	1.16	1.63	2.33	1.03	3.34	2.27	1.21	3.24	1.40	1.44	1.57
36DR2X	2.65	-1.90	0.26	4.84	-0.13	0.33	1.63	-1.13	0.37	1.73	-0.72	0.16	0.89	-1.14	0.16
3RQMRF	3.62	0.41		6.85	1.87		2.49	1.52		2.52	2.13		1.36	1.22	
9L3TJW	3.47	0.04	0.37	4.83	-0.14	0.99	2.00	0.01	1.80	1.93	0.01	0.90	1.13	0.09	0.91
AH34DA	3.95	1.20	0.45	3.80	-1.16	0.46	2.33	1.01	0.49	2.05	0.44	0.63	1.27	0.80	0.51
AJT3UT	3.86	0.97	0.48	5.21	0.24	0.96	2.02	0.07	0.91	1.99	0.22	0.95	0.97	-0.72	1.02
BQCTQ8	3.10	-0.84	0.77	5.10	0.13	0.52	1.83	-0.51	0.06	1.90	-0.12	0.77	1.05	-0.35	0.09
DB7DJA	0.55	-6.93X	0.64	7.25	2.27	1.28	1.46	-1.64	0.09	1.42	-1.83	0.19	1.08	-0.18	1.45
FEFB42	3.48	0.08	0.32	4.94	-0.03	0.36	1.77	-0.71	0.06	2.10	0.61	0.31	1.08	-0.20	0.45
FW2YDW	3.75	0.72	0.73	4.68	-0.28	0.49	2.10	0.31	0.00	2.11	0.65	0.27	1.20	0.41	0.81
H298Q7	3.43	-0.04	0.37	5.13	0.16	0.37	1.91	-0.26	0.22	1.82	-0.41	0.36	1.15	0.16	1.16
HQPKQH	3.20	-0.60	0.00	4.33	-0.63	0.37	1.80	-0.61	0.00	1.83	-0.35	0.90	1.20	0.43	0.00
K3R37A	2.53	-2.20	0.32	4.56	-0.41	0.99	1.70	-0.93	0.53	1.55	-1.36	0.81	0.80	-1.60	0.31
L9EA7U	3.22	-0.54	0.00	5.09	0.12	0.00	1.91	-0.27	0.00	1.89	-0.14	0.00	0.98	-0.68	0.00
LLZKW7	3.64	0.45	0.22	4.88	-0.09	0.75	2.03	0.09	1.09	1.84	-0.33	0.55	1.23	0.60	0.24
M9R2U6	2.55	-2.16	0.15	5.84	0.86	0.69	1.75	-0.76	0.18	1.90	-0.10	0.36	1.06	-0.28	0.16
MDMQE H	8.43	11.90X	2.64	2.31	-2.64	0.46	7.96	18.29X	1.66	6.14	15.11X	1.64	1.11	-0.01	0.87
MNNBLG	3.47	0.04	0.53	4.95	-0.02	0.54	2.09	0.28	0.68	2.04	0.41	0.88	1.12	0.01	0.43
R74HFZ	3.33	-0.28	0.98	2.40	-2.55	0.00	2.07	0.21	0.60	1.53	-1.42	0.90	0.93	-0.92	0.91
RWY4X9	3.02	-1.03	0.32	4.99	0.02	0.43	1.88	-0.37	0.22	1.93	-0.01	0.78	1.02	-0.48	0.31
T8VTTE	3.08	-0.88	0.54	6.03	1.06	0.15	2.13	0.41	0.60	2.26	1.18	0.61	1.05	-0.33	0.10
VEQDAZ	3.29	-0.39	0.20	5.75	0.77	0.42	2.50	1.53	0.94	2.00	0.26	1.06	1.32	1.04	0.94
WDPZXR	3.60	0.36	0.00	5.46	0.48	0.14	2.00	-0.01	0.06	2.00	0.25		1.70	2.97	1.57
XAP99R	3.83	0.92	2.58	5.17	0.20	2.62	2.10	0.31	2.08	2.00	0.25	1.56	1.17	0.26	2.40



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XK8TNG</b>	<b>3.30</b>	-0.36	1.62	<b>4.79</b>	-0.18	0.10										
<b>XLXR62</b>	<b>3.39</b>	-0.14	0.07	<b>4.49</b>	-0.48	0.28	<b>1.86</b>	-0.42	0.12	<b>1.89</b>	-0.14	1.10	<b>1.02</b>	-0.47	0.37	
<b>Y8Y834</b>	<b>3.63</b>	0.43	1.91	<b>5.87</b>	0.90	3.19	<b>2.29</b>	0.90	1.26	<b>2.12</b>	0.67	0.78	<b>1.20</b>	0.41	2.54	
<b>YRK4EM</b>	<b>3.51</b>	0.15	2.24	<b>4.89</b>	-0.08	1.01	<b>1.87</b>	-0.39	0.68	<b>2.06</b>	0.47	1.09	<b>1.02</b>	-0.51	0.48	
<b>ZEDBPW</b>	<b>3.15</b>	-0.70	0.42	<b>4.25</b>	-0.71	0.67	<b>1.19</b>	-2.48	1.14	<b>1.19</b>	-2.66	1.15	<b>0.38</b>	<b>-3.71</b> X	1.74	
Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	3.45			4.97			2.00			1.93			1.12			
<b>Median Abs Dev</b>	0.21			0.45			0.15			0.12			0.09			
<b>Avg Within Lab SD</b>	0.16			0.15			0.10			0.06			0.06			
<b>Labs Included</b>	28			30			28			28			28			
<b>Labs Reporting</b>	30			30			29			29			29			



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2H7U4Z	0.95	0.30	0.22	0.51	0.51	0.17	2.93	0.94	0.11	1.58	0.82	0.08	0.28	-0.16	0.11	
2TQ6FC	0.69	-1.23	0.24	0.31	-1.15	0.16	1.72	-1.21	0.42	1.15	-0.37	0.26	0.62	1.09	0.32	
36DR2X	0.88	-0.07	0.10	0.52	0.63	0.10	2.46	0.10	0.35	1.38	0.26	0.11	0.34	0.07	0.20	
3RQMRF	0.84	-0.33		0.48	0.26		2.48	0.15		1.29	0.01		0.32	0.00		
9L3TJW	0.77	-0.78	0.39	0.23	-1.80	0.46	2.40	0.00	1.10	1.13	-0.42	0.30	0.10	-0.83	0.00	
AH34DA	2.05	6.85X	0.10	0.54	0.82	0.12	3.84	2.55	0.24	2.26	2.72	0.10	1.43	4.08	0.21	
BQCTQ8	0.95	0.34	0.10	0.44	-0.03	0.05	2.47	0.13	0.21	1.25	-0.09	0.21	0.19	-0.48	0.06	
DB7DJA	1.14	1.44	0.48	0.41	-0.27	0.97	0.94	-2.59	0.36	0.12	-3.24X	0.40	0.29	-0.12	1.03	
FEFB42	0.86	-0.24	0.04	0.40	-0.39	0.16	2.36	-0.08	0.13	1.10	-0.50	0.03	0.17	-0.57	0.16	
FW2YDW	1.13	1.39	0.27	0.49	0.33	0.12	2.65	0.45	0.18	1.57	0.79	0.21	0.39	0.23	0.16	
H298Q7	1.07	1.03	0.18	0.41	-0.31	0.16	2.80	0.70	0.23	1.49	0.57	0.15	0.30	-0.08	0.16	
HQPKQH	0.90	0.02	0.00	0.53	0.73	0.46	1.60	-1.42	0.96	1.43	0.42	0.30	0.50	0.65		
K3R37A	1.77	5.20X	1.22	1.27	6.93X	1.05	3.29	1.58	1.28	2.15	2.41	0.54	1.09	2.82	3.68	
L9EA7U	0.90	0.00	0.00	0.41	-0.33	0.00	2.44	0.08	0.00	1.23	-0.16	0.00	0.23	-0.35	0.00	
M9R2U6	0.62	-1.68	0.06	0.36	-0.70	0.04	2.23	-0.30	0.06	1.02	-0.73	0.05	0.08	-0.90	0.20	
MDMQE H	0.80	-0.58	0.24	0.48	0.28	0.16	2.09	-0.55	0.14	1.20	-0.24	0.26	0.39	0.25	0.22	
MNNBLG	0.91	0.06	0.25	0.44	-0.01	0.15	2.42	0.04	0.39	1.31	0.07	0.10	0.32	-0.03	0.16	
R74HFZ	0.87	-0.18	0.39	1.27	6.93X	0.93	1.70	-1.24	0.55	0.80	-1.35	0.51	2.17	6.79X	1.23	
T8VTTE	0.69	-1.22	0.06	0.30	-1.25	0.05	2.33	-0.12	0.20	1.24	-0.13	0.40	0.10	-0.81	0.16	
WDPZXR	1.03	0.79	0.41	0.56	0.93	0.05	1.70	-1.24	0.00	1.50	0.60		0.58	0.95	0.31	
XAP99R	1.27	2.20	0.39	0.53	0.73	2.03	2.47	0.12	0.32	1.60	0.88	1.03	0.57	0.89	1.63	
XK8TNG							3.15	1.32	4.30							
XLXR62	0.96	0.39	0.12	0.45	0.00	0.12	2.40	0.00	0.14	1.28	-0.01	0.07	0.33	0.00	0.06	
Y8Y834	0.72	-1.04	0.37	0.34	-0.90	0.29	2.32	-0.15	0.72	1.01	-0.75	0.03	0.14	-0.69	0.16	
YRK4EM	0.92	0.13	0.18	0.48	0.28	0.18	2.35	-0.09	0.20	1.34	0.16	0.11	0.34	0.06	0.11	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>ZEDBPW</b>	<b>0.88</b>	-0.08	4.54	<b>0.79</b>	2.87	4.02	<b>2.18</b>	-0.40	0.97	<b>0.66</b>	-1.73	4.44	<b>0.34</b>	0.06	2.03	

Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS2211				SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	0.90			0.45			2.40			1.28			0.32			
<b>Median Abs Dev</b>	0.07			0.06			0.20			0.17			0.11			
<b>Avg Within Lab SD</b>	0.15			0.12			0.18			0.19			0.09			
<b>Labs Included</b>	23			23			26			24			24			
<b>Labs Reporting</b>	25			25			26			25			25			





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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
36DR2X	3.43	-0.30	0.65	1.61	-0.08	0.99	2.58	-0.22	0.94	1.92	-0.18	0.52	0.76	0.25	0.44	
3RENYR	3.66	-0.12	0.87	1.78	0.19	0.37	2.60	-0.19	0.47	2.02	-0.01	0.60	0.74	0.16	0.09	
3RQMRF	2.98	-0.65	3.30	2.00	0.55	2.80	2.58	-0.21	2.41	2.08	0.08	2.28	0.53	-0.75	0.32	
4HGHEP	3.77	-0.04	0.73	1.60	-0.09	1.04	2.70	-0.07	0.81	2.17	0.23	0.48	0.71	0.00	0.53	
4WZZBZ	3.81	-0.01	0.07	1.74	0.12	0.32	2.81	0.07	0.90	1.83	-0.33	0.14	0.60	-0.48	1.31	
6DJHEK	5.76	1.48	0.67	1.99	0.52	1.42	3.21	0.55	0.60	2.45	0.69	0.59	0.91	0.86	0.02	
6G7VHW	3.82	0.00	0.25	1.66	0.00	0.04	2.76	0.00	0.29	2.03	0.00	0.26	0.69	-0.06	0.18	
7M3C78	3.10	-0.55	1.26	1.40	-0.41	1.04	2.23	-0.64	1.24	1.90	-0.22	1.65	0.80	0.40	1.51	
7PTBQX	3.66	-0.13	0.03	0.65	-1.60	0.06	2.41	-0.43	0.29	1.76	-0.45	0.13	0.55	-0.69	0.09	
9KBWU3	3.80	-0.02	0.21	1.92	0.42	0.06	2.84	0.11	0.19	2.25	0.36	0.17	0.73	0.09	0.49	
AH34DA	5.98	1.65	0.15	1.38	-0.44	0.26	4.42	2.03	0.29	2.98	1.59	0.10	0.68	-0.13	0.38	
BRLZRF	6.70	2.20		3.30	2.61		5.10	2.87		4.20	3.61		1.20	2.14		
BY444N	2.40	-1.09	0.17	1.06	-0.96	0.05	1.81	-1.15	0.05	1.49	-0.90	0.06	0.42	-1.24	0.03	
BZF3XX	3.63	-0.15	0.38	1.67	0.02	0.22	2.60	-0.19	0.43	1.92	-0.18	0.22	0.74	0.14	0.30	
CJ74HL	3.63	-0.15	0.05	1.75	0.15	0.24	2.72	-0.04	0.22	1.98	-0.09	0.17	0.68	-0.10	0.38	
DB7DJA	3.78	-0.03	0.40	1.80	0.23	0.27	2.56	-0.24	0.10	2.03	-0.01	0.02	1.06	1.51	0.17	
E7C2YX	5.69	1.43	0.43	1.49	-0.26	1.00	3.29	0.66	1.30	2.47	0.74	1.35	1.02	1.34	1.06	
F6TCBB	3.67	-0.12	0.27	1.00	-1.05		2.17	-0.72	0.47	1.60	-0.72	0.00	0.50	-0.90		
FJEPTC	3.07	-0.58	1.20	1.20	-0.73	0.00	2.00	-0.92	0.81	1.67	-0.61	0.48	0.37	-1.47	1.75	
GGKFWF	2.83	-0.76	0.12	0.97	-1.10	0.44	1.82	-1.15	0.13	1.26	-1.28	0.05	0.14	-2.45	0.84	
J6YXET	3.47	-0.27	0.11	1.16	-0.80	0.17	2.57	-0.23	0.21	1.89	-0.24	0.09	0.50	-0.91	0.34	
K6YBGF	4.01	0.15	0.45	1.96	0.48	0.21	2.86	0.12	0.21	2.20	0.29	0.11	0.76	0.21	0.03	
L7RLR9	4.40	0.44	0.00	1.75	0.14	1.55	2.60	-0.19	0.81	2.00	-0.05	0.83	0.70	-0.03	0.00	
LR4NKJ	4.39	0.43	0.56	2.24	0.93	0.16	3.10	0.42	0.20	2.44	0.69	0.42	0.71	0.01	0.36	
LWYD8H	3.35	-0.36	2.42	1.41	-0.40	1.30	2.39	-0.45	1.39	1.79	-0.40	1.04	0.63	-0.35	1.07	
MKKKCG	9.93	4.67X	0.52	4.40	4.36X	0.83	6.42	4.49X	0.42	5.09	5.10X	0.75	1.33	2.72X	0.50	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>MZDCVW</b>	<b>5.00</b>	0.90	0.48	<b>0.40</b>	-2.00	0.00	<b>3.10</b>	0.42	0.81	<b>2.17</b>	0.23	0.48	<b>0.47</b>	-1.04	0.87	
<b>NUNAAC</b>	<b>4.88</b>	0.81	2.00	<b>1.58</b>	-0.13	2.16	<b>3.09</b>	0.41	1.86	<b>2.29</b>	0.43	2.53	<b>0.79</b>	0.35	2.79	
<b>P7CJPP</b>	<b>5.98</b>	1.65	1.67	<b>2.30</b>	1.03	1.39	<b>4.04</b>	1.57	1.46	<b>3.08</b>	1.75	1.72	<b>0.84</b>	0.59	1.62	
<b>R9V879</b>	<b>6.89</b>	2.35	0.60	<b>2.85</b>	1.90	0.34	<b>5.10</b>	2.87	0.34	<b>3.85</b>	3.03	0.25	<b>0.51</b>	-0.84	0.53	
<b>TX6BCK</b>	<b>6.05</b>	1.70	0.58	<b>1.36</b>	-0.47	0.02	<b>4.46</b>	2.08	0.54	<b>3.26</b>	2.04	0.39	<b>0.55</b>	-0.68	0.03	
<b>W3PC7U</b>	<b>5.10</b>	0.98	0.43	<b>2.22</b>	0.90	0.46	<b>3.87</b>	1.37	0.42	<b>2.87</b>	1.41	0.57	<b>1.01</b>	1.32	0.45	
<b>XTF3EV</b>	<b>4.08</b>	0.20	0.16	<b>1.45</b>	-0.34	0.27	<b>2.51</b>	-0.31	0.48	<b>2.00</b>	-0.05	0.68	<b>0.73</b>	0.09	0.62	
<b>Y8Y834</b>	<b>4.89</b>	0.82	0.90	<b>1.72</b>	0.10	2.00	<b>2.96</b>	0.25	2.52	<b>2.33</b>	0.50	1.94	<b>0.85</b>	0.64	0.72	
<b>YCQELC</b>	<b>4.45</b>	0.48	1.26	<b>1.81</b>	0.24	1.77	<b>2.77</b>	0.02	1.28	<b>2.10</b>	0.12	2.45	<b>0.87</b>	0.69	2.96	
<b>YECBT3</b>	<b>4.66</b>	0.64	0.69	<b>0.27</b>	-2.21	0.09	<b>3.13</b>	0.46	1.67	<b>1.97</b>	-0.11	0.53	<b>0.55</b>	-0.68	0.34	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups						Data units: mg/kg				
	SRS2211		SRS2212		SRS2213		SRS2214		SRS2215	
<b>Grand Median</b>	3.82		1.66		2.76		2.03		0.71	
<b>Median Abs Dev</b>	0.63		0.28		0.34		0.22		0.15	
<b>Avg Within Lab SD</b>	0.21		0.10		0.12		0.12		0.07	
<b>Labs Included</b>	35		35		35		35		35	
<b>Labs Reporting</b>	36		36		36		36		36	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
36DR2X	2.2	-0.94	0.17	79.2	0.39	1.17	4.2	-0.11	0.41	3.2	-0.69	0.27	35.2	1.22	0.68
3RENYR	4.0	0.42	1.99	97.2	0.92	1.18	4.9	0.35	2.13	4.4	0.24	0.77	24.7	0.67	0.32
3RQMRF	2.4	-0.74	1.66	64.6	-0.03	4.24	3.8	-0.33	2.53	5.0	0.69	2.89	7.2	-0.25	0.08
4HGHEP	3.3	-0.06	0.48	66.7	0.03	1.05	4.9	0.33	0.51	4.1	-0.02	0.14	55.0	2.26	3.06
4WZZBZ	4.6	0.86	0.58	95.4	0.86	0.95	6.3	1.18	0.09	5.5	1.10	0.34	14.9	0.15	1.33
6DJHEK	6.8	2.58	1.97	95.1	0.85	0.94	7.6	1.96	1.96	6.6	1.91	1.88	63.5	2.71	1.65
6G7VHW	3.3	-0.09	0.10	75.6	0.29	0.09	5.7	0.78	0.13	3.6	-0.36	0.11	8.8	-0.17	0.17
7M3C78	1.9	-1.12	0.79	40.0	-0.74	0.97	2.2	-1.30	0.36	2.9	-0.94	0.17	20.2	0.43	0.67
7PTBQX	1.8	-1.24	0.18	22.1	-1.26	0.12	2.4	-1.14	0.17	2.2	-1.46	0.00	22.6	0.56	0.10
9KBWU3	4.0	0.47	0.79	87.0	0.62	0.46	5.9	0.94	0.68	5.5	1.11	0.51	15.0	0.16	1.00
AH34DA	3.4	-0.02	0.08	29.3	-1.05	0.11	3.5	-0.53	0.17	4.1	0.02	0.06	4.3	-0.40	0.03
BY444N	2.8	-0.48	0.09	44.2	-0.62	0.04	4.0	-0.21	0.05	3.4	-0.54	0.07	7.9	-0.22	0.07
BZF3XX	3.4	-0.02	0.19	85.3	0.57	0.40	6.0	0.99	0.19	4.9	0.64	0.11	11.1	-0.05	0.10
CJ74HL	4.2	0.59	0.06	92.7	0.78	0.10	5.5	0.68	0.02	4.7	0.48	0.12	11.2	-0.04	0.08
DB7DJA	5.2	1.32	0.50	97.6	0.93	0.67	5.8	0.85	0.75	5.6	1.16	0.18	12.8	0.04	0.13
E7C2YX	3.7	0.22	1.37	40.9	-0.72	0.28	3.6	-0.43	0.85	4.7	0.44	0.51	17.3	0.28	0.92
F6TCBB	4.7	0.94	1.81	57.3	-0.24	0.16	5.0	0.39		4.7	0.44	1.43	19.3	0.39	0.49
FJEPTC	2.4	-0.74	1.73	42.5	-0.67	0.64	1.9	-1.48	0.45	2.8	-0.98	1.27	7.1	-0.26	1.06
GGKFWF	2.5	-0.71	0.03	84.7	0.55	0.42	4.2	-0.08	0.84	3.1	-0.77	0.03	69.4	3.02	0.82
J6YXET	2.9	-0.39	0.40	70.7	0.15	0.68	4.7	0.19	0.69	3.4	-0.54	0.02	6.5	-0.29	0.17
K6YBGF	4.9	1.14	0.66	106.4	1.18	0.64	5.7	0.83	0.67	5.1	0.75	0.12	61.5	2.60	0.19
LR4NKJ	7.9	3.41X	0.94	176.2	3.21X	0.57	13.6	5.51X	0.42	11.7	5.85X	0.79	22.7	0.56	1.02
LWYD8H	2.1	-1.02	0.48	39.2	-0.77	0.57	2.1	-1.34	0.37	2.4	-1.30	0.35	7.3	-0.25	0.40
MKKKCG	13.0	7.20X	5.46	284.4	6.35X	3.00	18.2	8.25X	4.11	13.6	7.35X	3.14	33.4	1.13	2.66
MZDCVW	3.3	-0.06	0.18	21.3	-1.28	0.11	3.5	-0.49	0.17	3.4	-0.56	1.17	6.4	-0.29	0.21
NUNAAC	3.7	0.19	1.56	68.9	0.10	0.31	4.4	0.03	1.81	3.6	-0.37	0.99	7.8	-0.22	0.81



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>P7CJPP</b>	<b>4.1</b>	0.49	1.81	<b>30.4</b>	-1.02	0.54	<b>3.9</b>	-0.29	1.33	<b>4.5</b>	0.29	0.87	<b>4.9</b>	-0.37	0.25	
<b>R9V879</b>	<b>1.1</b>	-1.71	0.15	<b>61.0</b>	-0.13	0.33	<b>4.2</b>	-0.07	0.21	<b>2.1</b>	-1.54	0.18	<b>3.5</b>	-0.45	0.15	
<b>TX6BCK</b>	<b>3.2</b>	-0.20	0.35	<b>29.5</b>	-1.05	0.31	<b>3.5</b>	-0.48	0.42	<b>4.3</b>	0.15	0.34	<b>4.8</b>	-0.38	0.08	
<b>W3PC7U</b>	<b>4.9</b>	1.09	0.61	<b>101.1</b>	1.03	0.55	<b>7.5</b>	1.89	1.18	<b>5.6</b>	1.16	1.63	<b>13.3</b>	0.07	0.62	
<b>XTF3EV</b>	<b>4.4</b>	0.74	1.13	<b>48.8</b>	-0.49	0.46	<b>4.4</b>	0.02	1.76	<b>3.9</b>	-0.17	1.30	<b>9.0</b>	-0.16	0.13	
<b>Y8Y834</b>	<b>3.4</b>	0.02	1.27	<b>53.3</b>	-0.36	1.57	<b>2.7</b>	-0.96	1.19	<b>4.1</b>	-0.02	2.23	<b>59.9</b>	2.52	2.32	
<b>YCQELC</b>	<b>3.6</b>	0.14	0.98	<b>78.1</b>	0.36	1.00	<b>4.3</b>	-0.02	0.73	<b>3.6</b>	-0.40	1.19	<b>7.3</b>	-0.25	0.39	
<b>YECBT3</b>	<b>4.5</b>	0.85	0.34	<b>13.1</b>	-1.52	0.21	<b>5.9</b>	0.92	0.36	<b>4.5</b>	0.34	0.99	<b>9.2</b>	-0.15	0.30	

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	3.41			65.6			4.35			4.10			12.0			
<b>Median Abs Dev</b>	0.86			24.0			0.85			0.72			5.5			
<b>Avg Within Lab SD</b>	0.32			3.6			0.34			0.40			1.2			
<b>Labs Included</b>	32			32			32			32			34			
<b>Labs Reporting</b>	34			34			34			34			34			



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>36DR2X</b>	<b>11.7</b>	-1.02	0.59	<b>18.3</b>	-0.03	0.75	<b>2.2</b>	-0.29	0.47	<b>14.6</b>	-0.82	0.22	<b>38.3</b>	0.17	0.12
<b>3RENYR</b>	<b>11.7</b>	-1.00	0.79	<b>21.7</b>	0.42	1.43	<b>2.4</b>	-0.16	1.60	<b>16.0</b>	-0.58	0.22	<b>30.6</b>	-0.62	0.33
<b>3RQMRF</b>	<b>7.2</b>	-1.96	0.90	<b>20.9</b>	0.32	2.21	<b>1.8</b>	-0.88	0.84	<b>18.3</b>	-0.19	0.78	<b>26.4</b>	-1.05	0.54
<b>4HGHEP</b>	<b>18.0</b>	0.32		<b>15.3</b>	-0.43	1.01	<b>3.3</b>	1.07	0.32	<b>20.0</b>	0.12	0.55	<b>36.7</b>	0.00	0.78
<b>4WZZBZ</b>	<b>12.5</b>	-0.84	0.27	<b>24.4</b>	0.79	0.05	<b>1.7</b>	-1.01	0.70	<b>16.5</b>	-0.49	0.02	<b>35.2</b>	-0.15	0.69
<b>6DJHEK</b>	<b>23.9</b>	1.57	0.38	<b>25.8</b>	0.97	1.35	<b>3.3</b>	1.13	1.36	<b>21.6</b>	0.40	1.19	<b>51.0</b>	1.46	1.17
<b>6G7VHW</b>	<b>13.5</b>	-0.62	0.09	<b>17.8</b>	-0.10	0.33	<b>1.9</b>	-0.73	0.05	<b>14.3</b>	-0.88	0.03	<b>42.7</b>	0.61	0.28
<b>7M3C78</b>	<b>15.2</b>	-0.26	0.38	<b>16.6</b>	-0.25	0.83	<b>2.7</b>	0.24	0.36	<b>20.6</b>	0.22	0.25	<b>31.8</b>	-0.50	0.42
<b>7PTBQX</b>	<b>11.0</b>	-1.16		<b>6.0</b>	-1.67		<b>1.0</b>	-1.90		<b>13.0</b>	-1.11		<b>21.0</b>	-1.60	
<b>9KBWU3</b>	<b>20.8</b>	0.91	0.59	<b>28.3</b>	1.30	0.86	<b>3.0</b>	0.72	1.22	<b>22.9</b>	0.62	0.93	<b>45.3</b>	0.88	0.44
<b>AH34DA</b>	<b>23.5</b>	1.49	0.07	<b>18.2</b>	-0.04	0.09	<b>3.3</b>	1.06	0.13	<b>31.9</b>	2.20	0.05	<b>42.3</b>	0.58	0.17
<b>BRLZRF</b>	<b>14.4</b>	-0.44		<b>25.0</b>	0.86		<b>2.2</b>	-0.35		<b>23.1</b>	0.66		<b>49.1</b>	1.27	
<b>BY444N</b>	<b>13.0</b>	-0.73	0.02	<b>14.5</b>	-0.53	0.11	<b>2.3</b>	-0.20	0.24	<b>15.9</b>	-0.60	0.30	<b>25.8</b>	-1.12	0.25
<b>BZF3XX</b>	<b>13.6</b>	-0.60	0.30	<b>21.6</b>	0.42	0.26	<b>16.0</b>	17.44X	5.26	<b>17.7</b>	-0.29	0.08	<b>84.7</b>	4.91X	0.97
<b>CJ74HL</b>	<b>12.6</b>	-0.81	0.10	<b>21.0</b>	0.33	0.33	<b>1.9</b>	-0.79	0.02	<b>15.6</b>	-0.66	0.03	<b>38.9</b>	0.23	0.01
<b>DB7DJA</b>	<b>17.6</b>	0.24	0.19	<b>30.0</b>	1.53	0.16	<b>2.4</b>	-0.04	0.09	<b>24.2</b>	0.85	0.76	<b>54.9</b>	1.87	0.45
<b>E7C2YX</b>	<b>20.3</b>	0.82	0.26	<b>14.2</b>	-0.57	0.25	<b>3.3</b>	1.02	0.49	<b>25.1</b>	1.02	0.43	<b>36.4</b>	-0.03	0.99
<b>F6TCBB</b>	<b>20.0</b>	0.74		<b>17.3</b>	-0.16	0.50	<b>3.0</b>	0.68		<b>19.3</b>	0.00	0.18	<b>35.0</b>	-0.17	0.27
<b>FJEPTC</b>	<b>13.0</b>	-0.73	1.65	<b>16.3</b>	-0.29	1.33	<b>2.3</b>	-0.18	1.87	<b>28.7</b>	1.64	5.04	<b>22.7</b>	-1.43	1.02
<b>GGKFWF</b>	<b>13.9</b>	-0.54	0.07	<b>22.0</b>	0.46	0.51	<b>2.4</b>	-0.04	0.33	<b>18.8</b>	-0.10	0.79	<b>42.0</b>	0.54	2.06
<b>J6YXET</b>	<b>11.6</b>	-1.03	0.06	<b>18.8</b>	0.03	0.36	<b>2.0</b>	-0.59	0.30	<b>15.0</b>	-0.77	0.03	<b>31.0</b>	-0.58	0.06
<b>K6YBGF</b>	<b>18.0</b>	0.32	0.26	<b>28.0</b>	1.26	0.95	<b>2.9</b>	0.51	0.12	<b>21.3</b>	0.34	0.07	<b>58.3</b>	2.21	0.05
<b>L7RLR9</b>	<b>13.6</b>	-0.61	0.00	<b>13.5</b>	-0.67	0.26	<b>2.2</b>	-0.39	0.49	<b>15.0</b>	-0.77	0.11	<b>33.5</b>	-0.32	0.35
<b>LR4NKJ</b>	<b>16.6</b>	0.03	0.17	<b>31.3</b>	1.70	0.40	<b>2.8</b>	0.40	0.15	<b>24.2</b>	0.85	0.20	<b>45.3</b>	0.89	0.49
<b>LWYD8H</b>	<b>14.0</b>	-0.52	0.66	<b>13.3</b>	-0.70	0.31	<b>2.0</b>	-0.56	0.28	<b>13.8</b>	-0.97	0.27	<b>31.7</b>	-0.50	0.48
<b>MKKKCG</b>	<b>18.6</b>	0.46	3.80	<b>4.0</b>	-1.94	0.09	<b>6.4</b>	5.05X	0.26	<b>20.8</b>	0.26	0.08	<b>30.9</b>	-0.59	4.13



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>MZDCVW</b>	<b>19.0</b>	0.53	0.50	<b>7.6</b>	-1.45	0.05	<b>2.5</b>	0.04	0.32	<b>19.1</b>	-0.04	0.10	<b>35.6</b>	-0.11	0.44	
<b>NUNAAC</b>	<b>18.1</b>	0.34	2.35	<b>17.7</b>	-0.11	0.87	<b>3.1</b>	0.78	2.69	<b>18.6</b>	-0.12	0.86	<b>36.8</b>	0.01	1.03	
<b>P7CJPP</b>	<b>29.9</b>	2.83X	1.33	<b>26.0</b>	1.00	2.79	<b>4.6</b>	2.70	2.08	<b>36.7</b>	3.05X	1.18	<b>46.8</b>	1.03	1.48	
<b>R9V879</b>	<b>20.1</b>	0.76	0.24	<b>19.9</b>	0.19	1.02	<b>1.1</b>	-1.83	0.61	<b>28.8</b>	1.66	0.21	<b>38.4</b>	0.17	0.59	
<b>TX6BCK</b>	<b>21.4</b>	1.04	0.30	<b>19.0</b>	0.06	0.78	<b>3.3</b>	1.05	0.03	<b>28.0</b>	1.52	0.18	<b>35.5</b>	-0.11	0.30	
<b>W3PC7U</b>	<b>17.0</b>	0.10	0.60	<b>24.4</b>	0.78	0.47	<b>2.6</b>	0.19	0.45	<b>24.8</b>	0.95	0.16	<b>38.5</b>	0.19	0.17	
<b>XTF3EV</b>	<b>18.0</b>	0.33	0.60	<b>14.3</b>	-0.57	0.46	<b>2.5</b>	0.09	1.08	<b>19.7</b>	0.07	0.40	<b>40.3</b>	0.37	0.64	
<b>Y8Y834</b>	<b>19.3</b>	0.60	1.65	<b>19.8</b>	0.16	2.62	<b>2.8</b>	0.46	1.53	<b>22.1</b>	0.48	1.16	<b>44.3</b>	0.78	0.95	
<b>YCQELC</b>	<b>15.9</b>	-0.12	1.08	<b>18.0</b>	-0.07	0.83	<b>2.4</b>	-0.14	1.63	<b>14.8</b>	-0.79	0.46	<b>32.2</b>	-0.45	0.43	
<b>YECBT3</b>	<b>16.5</b>	0.00	0.26	<b>2.8</b>	-2.10	0.12	<b>3.0</b>	0.72	0.83	<b>16.0</b>	-0.59	0.13	<b>27.1</b>	-0.98	0.07	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups						Data units: mg/kg	
	SRS2211		SRS2212		SRS2213	SRS2214	SRS2215
<b>Grand Median</b>	16.5		18.5		2.47	19.3	36.7
<b>Median Abs Dev</b>	2.9		3.7		0.45	3.5	5.6
<b>Avg Within Lab SD</b>	1.6		1.1		0.31	3.2	3.7
<b>Labs Included</b>	35		36		34	35	35
<b>Labs Reporting</b>	36		36		36	36	36



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
36DR2X	0.73	-1.08	0.39	2.68	-0.29	0.67	0.43	-1.08	0.46	0.33	-0.84	0.30	0.41	-0.10	0.24	
3RENYR	1.16	-0.10	0.93	3.95	1.03	2.11	0.65	0.22	0.60	0.58	0.67	0.46	0.48	0.28	0.75	
3RQMRF	0.72	-1.12	2.55	3.21	0.27	0.67	0.53	-0.53	0.41	0.46	-0.06	1.31	0.42	-0.05	0.41	
4HGHEP	1.02	-0.42	0.93	2.87	-0.10	1.23	0.62	0.02	0.35	0.51	0.25	0.17	0.65	1.26	0.24	
4WZZBZ	0.98	-0.51	0.34	3.73	0.81	0.68	0.35	-1.56	2.01	0.27	-1.19	1.08	0.12	-1.78	1.15	
6DJHEK	1.69	1.13	0.25	3.53	0.59	0.85	0.76	0.87	1.14	0.62	0.89	1.38	0.79	2.09	0.87	
6G7VHW	0.97	-0.53	0.92	2.92	-0.04	0.47	0.52	-0.57	0.14	0.49	0.10	0.59	0.37	-0.33	0.27	
7M3C78	1.05	-0.36	0.71	2.93	-0.03	0.90	0.54	-0.44	1.89	0.43	-0.26	1.92	0.38	-0.28	1.76	
7PTBQX	1.12	-0.20	0.20	1.33	-1.69	0.03	0.54	-0.46	0.17	0.40	-0.42	0.00	0.26	-0.98	0.14	
9KBWU3	1.20	0.00	0.32	4.03	1.11	0.52	0.70	0.50	1.06	0.55	0.45	0.17	0.46	0.20	0.14	
AH34DA	1.83	1.44	0.15	2.98	0.03	0.09	0.89	1.66	0.30	0.82	2.09	0.17	0.44	0.07	0.24	
BY444N	0.80	-0.93	0.06	2.43	-0.55	0.02	0.47	-0.87	0.00	0.40	-0.42	0.06	0.33	-0.57	0.05	
BZF3XX	1.04	-0.37	0.07	3.09	0.13	0.24	0.54	-0.42	0.46	0.43	-0.26	0.34	0.37	-0.31	0.28	
CJ74HL	1.09	-0.27	0.27	3.49	0.55	0.06	0.56	-0.30	0.17	0.44	-0.20	0.17	0.44	0.05	0.14	
DB7DJA	1.13	-0.17	0.07	3.83	0.91	0.02	0.61	-0.02	1.56	0.47	0.00	0.97	0.47	0.26	0.29	
E7C2YX	1.58	0.87	1.35	2.43	-0.55	0.89	0.72	0.62	1.14	0.55	0.49	1.24	0.53	0.58	0.85	
F6TCBB	1.40	0.45	0.00	2.40	-0.58	0.00	0.80	1.12	0.00	0.70	1.36	0.00	0.60	0.98	0.00	
FJEPTC	0.80	-0.93	0.00	2.83	-0.13	0.90	0.43	-1.08	1.75	0.33	-0.82	1.72	0.23	-1.11	1.41	
GGKFWF	0.97	-0.54	0.16	3.14	0.18	0.41	0.57	-0.26	0.27	0.43	-0.26	0.15	0.66	1.33	0.83	
J6YXET	0.93	-0.63	0.21	2.72	-0.25	0.26	0.54	-0.42	0.05	0.41	-0.38	0.40	0.34	-0.49	0.09	
K6YBGF	1.33	0.30	0.36	3.89	0.97	0.28	0.75	0.80	0.58	0.60	0.74	0.24	0.76	1.88	0.11	
L7RLR9	1.40	0.45	0.00	2.55	-0.42	0.30	0.75	0.82	1.51	0.75	1.66	1.49	0.70	1.55	0.00	
LR4NKJ	1.38	0.42	0.39	4.43	1.53	0.17	0.69	0.47	0.12	0.49	0.11	0.59	0.32	-0.62	0.66	
LWYD8H	0.95	-0.58	1.05	2.44	-0.54	0.68	0.51	-0.60	0.92	0.38	-0.54	1.37	0.35	-0.47	1.35	
MKKKCG	2.24	2.39	0.83	8.05	5.30X	0.73	0.40	-1.29	0.48	0.16	-1.83	1.25	0.17	-1.49	0.35	
MZDCVW	1.40	0.45	1.29	1.10	-1.93	0.00	0.70	0.52	0.00	0.50	0.17		0.43	0.03	1.41	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NUNAAC</b>	<b>1.27</b>	0.16	1.77	<b>2.80</b>	-0.17	0.97	<b>0.58</b>	-0.19	0.66	<b>0.44</b>	-0.21	1.21	<b>0.43</b>	-0.01	1.57	
<b>P7CJPP</b>	<b>2.25</b>	2.41	2.73	<b>4.02</b>	1.11	3.93	<b>1.07</b>	2.72X	4.62	<b>1.02</b>	3.24X	5.24	<b>0.64</b>	1.19	3.63	
<b>R9V879</b>	<b>1.88</b>	1.57	0.28	<b>4.93</b>	2.05	0.13	<b>0.99</b>	2.23	0.47	<b>0.93</b>	2.72	0.26	<b>0.52</b>	0.50	0.18	
<b>TX6BCK</b>	<b>1.84</b>	1.47	0.06	<b>3.45</b>	0.52	0.02	<b>0.87</b>	1.55	0.38	<b>0.83</b>	2.16	0.65	<b>0.49</b>	0.37	0.16	
<b>W3PC7U</b>	<b>1.18</b>	-0.06	0.30	<b>3.10</b>	0.15	0.12	<b>0.70</b>	0.50	0.30	<b>0.50</b>	0.20	0.80	<b>0.42</b>	-0.03	0.53	
<b>XTF3EV</b>	<b>1.26</b>	0.12	1.06	<b>2.30</b>	-0.68	0.56	<b>0.61</b>	-0.04	2.00	<b>0.47</b>	0.00	0.89	<b>0.43</b>	0.00	1.45	
<b>Y8Y834</b>	<b>1.55</b>	0.80	0.72	<b>3.22</b>	0.28	2.13	<b>0.70</b>	0.54	2.27	<b>0.59</b>	0.71	2.37	<b>0.73</b>	1.72	1.12	
<b>YCQELC</b>	<b>1.27</b>	0.15	2.49	<b>2.83</b>	-0.13	0.89	<b>0.67</b>	0.34	1.39	<b>0.44</b>	-0.20	1.38	<b>0.41</b>	-0.12	1.15	
<b>YECBT3</b>	<b>1.31</b>	0.23	0.78	<b>0.43</b>	-2.63	0.13	<b>0.62</b>	0.05	0.37	<b>0.43</b>	-0.27	1.04	<b>0.33</b>	-0.55	0.41	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>	1.20			2.96			0.61			0.47			0.43			
<b>Median Abs Dev</b>	0.20			0.53			0.09			0.07			0.09			
<b>Avg Within Lab SD</b>	0.08			0.17			0.03			0.03			0.04			
<b>Labs Included</b>	35			34			34			34			35			
<b>Labs Reporting</b>	35			35			35			35			35			





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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg				
														SRS2215				
SRS2211				SRS2212				SRS2213				SRS2214						
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>36DR2X</b>	<b>9.75</b>		1.00	<b>4.27</b>		1.00	<b>6.64</b>		1.00	<b>6.20</b>		1.00	<b>1.22</b>		1.00			
<b>3RQMRF</b>	<b>13.11</b>			<b>5.26</b>			<b>10.02</b>			<b>8.02</b>			<b>1.47</b>					
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg				
														SRS2215				
SRS2211				SRS2212				SRS2213				SRS2214						
<b>Grand Median</b>	11.4			4.77			8.33			7.11			1.35					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.2			0.05			0.07			0.05			0.02					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					



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CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>2.10</b>	0.18	0.21	<b>10.40</b>	0.45	1.06	<b>8.00</b>	0.11	1.75	<b>7.70</b>	-0.10	0.21	<b>4.67</b>	-0.40	0.24	
<b>4HGHEP</b>	<b>2.43</b>	0.53	1.72	<b>7.40</b>	-0.50	0.24	<b>12.33</b>	1.98	1.00	<b>11.00</b>	0.88		<b>5.53</b>	0.06	0.27	
<b>7PTBQX</b>	<b>1.93</b>	0.00	0.12	<b>11.37</b>	0.76	0.19	<b>7.50</b>	-0.11		<b>8.20</b>	0.05	0.00	<b>5.33</b>	-0.04	0.05	
<b>E7C2YX</b>	<b>1.33</b>	-0.63	0.61	<b>9.50</b>	0.17	0.34	<b>7.00</b>	-0.32		<b>5.83</b>	-0.65	0.35	<b>4.50</b>	-0.49		
<b>FEFB42</b>	<b>7.70</b>	6.10X	0.37	<b>13.70</b>	1.50	0.13	<b>12.03</b>	1.85	0.22	<b>14.60</b>	1.94	0.97	<b>9.83</b>	2.37	0.11	
<b>MZDCVW</b>	<b>3.83</b>	2.01	0.44	<b>14.47</b>	1.74	0.25	<b>8.33</b>	0.25	0.25	<b>13.47</b>	1.61	0.49	<b>5.57</b>	0.08	0.19	
<b>NUNAAC</b>	<b>1.92</b>	-0.01	1.74	<b>6.71</b>	-0.72	1.78	<b>7.39</b>	-0.16	0.35	<b>7.88</b>	-0.05	1.12	<b>4.49</b>	-0.50	1.85	
<b>P7CJPP</b>	<b>1.50</b>	-0.46	1.29	<b>7.70</b>	-0.40	1.14	<b>6.77</b>	-0.42	1.45	<b>7.43</b>	-0.18	2.28	<b>5.50</b>	0.04	1.64	
<b>R9V879</b>	<b>1.34</b>	-0.63	0.54	<b>8.45</b>	-0.17	0.11	<b>6.41</b>	-0.58	0.33	<b>4.36</b>	-1.09	0.49	<b>5.02</b>	-0.21	0.20	
<b>Y8Y834</b>	<b>3.47</b>	1.62	0.65	<b>7.93</b>	-0.33	2.03	<b>10.00</b>	0.97	1.21	<b>8.70</b>	0.20	0.99	<b>10.17</b>	2.55	1.64	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	1.93			8.97			7.75			8.04			5.42			
<b>Median Abs Dev</b>	0.50			1.50			0.87			1.43			0.57			
<b>Avg Within Lab SD</b>	0.47			1.49			1.15			0.83			1.07			
<b>Labs Included</b>	9			10			10			10			10			
<b>Labs Reporting</b>	10			10			10			10			10			



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups																Data units: mg/kg
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>0.23</b>	-1.94		<b>0.13</b>	-1.05		<b>0.55</b>	-1.13		<b>0.28</b>	-1.51		<b>0.14</b>	-0.93		
<b>6DJHEK</b>	<b>0.69</b>	0.40	0.41	<b>0.32</b>	0.12	0.46	<b>1.27</b>	0.00	0.22	<b>0.79</b>	0.12	1.17	<b>0.25</b>	0.08	0.32	
<b>93P9K8</b>	<b>0.51</b>	-0.52	0.76	<b>0.37</b>	0.37	0.56	<b>1.58</b>	0.49	0.17	<b>0.78</b>	0.10	0.71	<b>0.22</b>	-0.21	0.23	
<b>AH34DA</b>	<b>0.64</b>	0.13	0.17	<b>0.08</b>	-1.31	1.33	<b>2.23</b>	1.51	0.13	<b>0.85</b>	0.32	0.36	<b>0.10</b>	-1.35	0.46	
<b>AJT3UT</b>	<b>0.65</b>	0.18	0.67	<b>0.51</b>	1.19	1.36	<b>1.71</b>	0.69	1.28	<b>1.02</b>	0.86	1.62	<b>0.31</b>	0.70	2.03	
<b>BY444N</b>	<b>0.30</b>	-1.60	0.03	<b>0.16</b>	-0.83	0.05	<b>0.65</b>	-0.97	0.05	<b>0.40</b>	-1.14	0.12	<b>0.10</b>	-1.39	0.14	
<b>DB7DJA</b>	<b>0.68</b>	0.36	0.79	<b>0.29</b>	-0.10	1.10	<b>1.44</b>	0.27	1.72	<b>0.96</b>	0.67	1.15	<b>0.31</b>	0.72	3.29	
<b>F6TCBB</b>	<b>0.40</b>	-1.08	2.89	<b>0.30</b>	-0.02	0.00	<b>0.77</b>	-0.79	0.49	<b>0.50</b>	-0.81		<b>0.30</b>	0.63	0.00	
<b>FR9W8B</b>	<b>0.62</b>	0.04	0.66	<b>0.47</b>	0.97	0.09	<b>1.67</b>	0.63	0.37	<b>1.00</b>	0.78	0.60	<b>0.24</b>	0.07	0.36	
<b>J6YXET</b>	<b>0.41</b>	-1.02	0.70	<b>0.24</b>	-0.39	1.87	<b>0.75</b>	-0.81	0.73	<b>0.44</b>	-1.01	1.75	<b>0.14</b>	-1.02	0.47	
<b>JB36RB</b>	<b>0.60</b>	-0.04	1.09	<b>0.45</b>	0.85	0.56	<b>1.58</b>	0.50	0.89	<b>1.03</b>	0.88	1.41	<b>0.27</b>	0.37	0.47	
<b>JKVCC2</b>	<b>0.87</b>	1.30	1.67	<b>0.67</b>	2.13	1.28	<b>1.93</b>	1.05	2.14	<b>1.23</b>	1.54	1.35	<b>0.30</b>	0.63	0.00	
<b>K6YBGF</b>	<b>0.32</b>	-1.47	0.36	<b>0.26</b>	-0.25	0.85	<b>0.72</b>	-0.86	0.52	<b>0.46</b>	-0.92	0.76	<b>0.10</b>	-1.35	0.72	
<b>MKKKCG</b>	<b>1.48</b>	4.45X	2.30	<b>0.52</b>	1.25	2.30	<b>0.56</b>	-1.11	0.27	<b>2.15</b>	4.50X	0.36	<b>2.38</b>	21.64X	7.75	
<b>NUNAAC</b>	<b>0.71</b>	0.49	0.25	<b>0.35</b>	0.30	0.93	<b>1.24</b>	-0.04	2.52	<b>0.72</b>	-0.10	1.32	<b>0.27</b>	0.33	0.38	
<b>R9V879</b>	<b>0.43</b>	-0.92	0.61	<b>0.30</b>	0.00	0.06	<b>1.05</b>	-0.34	0.23	<b>0.57</b>	-0.59	0.11	<b>0.30</b>	0.61	0.13	
<b>RWY4X9</b>	<b>0.67</b>	0.28	0.73	<b>0.29</b>	-0.10	0.34	<b>0.98</b>	-0.45	0.18	<b>0.70</b>	-0.18	0.49	<b>0.21</b>	-0.27	0.40	
<b>TX6BCK</b>	<b>0.56</b>	-0.28	0.85	<b>0.12</b>	-1.10	0.26	<b>1.76</b>	0.78	0.15	<b>0.71</b>	-0.14	0.42	<b>0.10</b>	-1.41	0.36	
<b>ZVG6WW</b>	<b>0.63</b>	0.08	0.33	<b>0.39</b>	0.49	0.34	<b>1.53</b>	0.41	0.48	<b>0.90</b>	0.47	0.23	<b>0.23</b>	-0.07	0.40	

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups																Data units: mg/kg
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	0.61			0.30			1.27			0.75			0.24			
<b>Median Abs Dev</b>	0.09			0.08			0.44			0.23			0.06			
<b>Avg Within Lab SD</b>	0.03			0.04			0.12			0.04			0.02			
<b>Labs Included</b>	18			19			19			18			18			
<b>Labs Reporting</b>	19			19			19			19			19			



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>0.08</b>	-2.10	0.84	<b>0.05</b>	-0.81	0.03	<b>0.37</b>	-3.93X	0.44	<b>0.14</b>	-2.27	0.09	<b>0.03</b>	-1.26	0.13	
<b>4HGHEP</b>	<b>0.33</b>	0.10	0.38	<b>0.17</b>	0.99	0.23	<b>1.13</b>	0.00	0.65	<b>0.53</b>	0.46	0.89	<b>0.15</b>	0.73	0.41	
<b>7M3C78</b>	<b>0.23</b>	-0.75	0.65	<b>0.14</b>	0.52	0.40	<b>1.01</b>	-0.65	0.40	<b>0.44</b>	-0.15	1.08	<b>0.19</b>	1.43	0.90	
<b>7PTBQX</b>	<b>0.28</b>	-0.31	0.00	<b>0.04</b>	-0.88	0.00	<b>1.07</b>	-0.31	0.17	<b>0.36</b>	-0.69	0.14	<b>0.02</b>	-1.48	0.00	
<b>E7C2YX</b>	<b>0.36</b>	0.40	1.49	<b>0.09</b>	-0.13	0.82	<b>1.17</b>	0.17	1.30	<b>0.54</b>	0.57	0.59	<b>0.13</b>	0.44	1.79	
<b>FJEPTC</b>	<b>0.23</b>	-0.75	1.17	<b>0.08</b>	-0.27	2.18	<b>0.88</b>	-1.32	1.25	<b>0.36</b>	-0.72	2.09	<b>0.06</b>	-0.72	1.49	
<b>L7RLR9</b>	<b>0.30</b>	-0.13	0.00	<b>0.10</b>	-0.04	0.00	<b>1.03</b>	-0.51	0.65	<b>0.41</b>	-0.36	0.45	<b>0.10</b>	-0.08	0.00	
<b>LWYD8H</b>	<b>0.30</b>	-0.10	1.05	<b>0.14</b>	0.52	0.79	<b>1.04</b>	-0.48	0.93	<b>0.39</b>	-0.48	0.59	<b>0.08</b>	-0.43	0.36	
<b>MZDCVW</b>	<b>0.46</b>	1.31	1.05	<b>0.01</b>	-1.26	0.05	<b>1.33</b>	1.01	0.20	<b>0.54</b>	0.55	0.23	<b>0.15</b>	0.79	0.71	
<b>P7CJPP</b>	<b>0.47</b>	1.34	1.88	<b>0.23</b>	1.83	2.28	<b>1.57</b>	2.23	1.73	<b>0.67</b>	1.44	1.35	<b>0.13</b>	0.50	2.06	
<b>XTF3EV</b>	<b>0.36</b>	0.36	1.16	<b>0.16</b>	0.79	0.28	<b>1.13</b>	0.01	1.23	<b>0.48</b>	0.15	0.95	<b>0.11</b>	0.08	0.82	
<b>Y8Y834</b>	<b>0.37</b>	0.45	0.30	<b>0.11</b>	0.04	0.68	<b>1.27</b>	0.72	1.14	<b>0.50</b>	0.24	1.41	<b>0.10</b>	-0.14	0.18	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	0.32			0.10			1.13			0.46			0.10			
<b>Median Abs Dev</b>	0.05			0.05			0.10			0.07			0.04			
<b>Avg Within Lab SD</b>	0.03			0.03			0.09			0.04			0.03			
<b>Labs Included</b>	12			12			11			12			12			
<b>Labs Reporting</b>	12			12			12			12			12			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>6G7VHW</b>	<b>0.08</b>	0.00	0.78	<b>0.16</b>	0.70	0.70	<b>0.10</b>	0.80	1.19	<b>0.14</b>	0.35	0.56	<b>0.10</b>	0.65	0.65	
<b>724LC3</b>							<b>0.09</b>	-0.59	0.38	<b>0.13</b>	-0.44	0.00				
<b>7LVRKT</b>	<b>0.08</b>	-0.05	0.16	<b>0.15</b>	0.45	0.00	<b>0.09</b>	-0.11	0.14	<b>0.14</b>	0.00	0.13	<b>0.10</b>	0.14	0.09	
<b>7PTBQX</b>	<b>0.08</b>	0.03	0.28	<b>0.15</b>	0.19	0.10	<b>0.10</b>	0.06	0.00	<b>0.13</b>	-0.13	0.00	<b>0.10</b>	-0.02	0.16	
<b>BY444N</b>	<b>0.06</b>	-1.90	0.13	<b>0.14</b>	-0.05	0.05	<b>0.10</b>	0.83	0.19	<b>0.12</b>	-0.63	0.08	<b>0.09</b>	-1.02	0.17	
<b>CJ74HL</b>	<b>0.08</b>	0.03	0.49	<b>0.16</b>	0.69	0.52	<b>0.10</b>	0.68	0.43	<b>0.14</b>	0.17	0.39	<b>0.09</b>	-0.78	0.28	
<b>FEFB42</b>	<b>0.07</b>	-0.44	0.28	<b>0.13</b>	-0.34	0.17	<b>0.10</b>	0.09	0.38	<b>0.13</b>	-0.44	0.11	<b>0.10</b>	0.14	0.19	
<b>K6YBGF</b>	<b>0.09</b>	1.89	1.68	<b>0.12</b>	-0.85	0.83	<b>0.09</b>	-0.17	1.39	<b>0.11</b>	-1.36	0.36	<b>0.09</b>	-0.87	1.09	
<b>LR4NKJ</b>	<b>0.08</b>	0.19	0.65	<b>0.07</b>	-2.50	0.40	<b>0.09</b>	-0.80	1.56	<b>0.17</b>	1.49	3.22	<b>0.10</b>	-0.02	2.79	
<b>MKKKCG</b>	<b>0.13</b>	6.70X	1.30	<b>0.26</b>	4.28X	0.79	<b>0.14</b>	4.72X	1.24	<b>0.17</b>	1.74	0.32	<b>0.16</b>	5.83X	0.52	
<b>P7CJPP</b>	<b>0.10</b>	2.49	1.66	<b>0.19</b>	1.62	2.86	<b>0.13</b>	3.66	1.62	<b>0.17</b>	1.72	1.27	<b>0.13</b>	3.19	0.89	
<b>T8VTTE</b>	<b>0.07</b>	-0.20	1.24	<b>0.14</b>	-0.02	0.83	<b>0.09</b>	-0.06	0.36	<b>0.14</b>	0.10	0.22	<b>0.10</b>	0.59	0.65	
<b>Y8Y834</b>	<b>0.07</b>	-0.19	1.56	<b>0.14</b>	0.00	0.72	<b>0.09</b>	-0.24	1.71	<b>0.13</b>	-0.20	0.50	<b>0.10</b>	0.00	0.45	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	0.076			0.14			0.09			0.14			0.10			
<b>Median Abs Dev</b>	0.002			0.01			0.00			0.01			0.01			
<b>Avg Within Lab SD</b>	0.004			0.01			0.00			0.01			0.01			
<b>Labs Included</b>	11			11			12			13			11			
<b>Labs Reporting</b>	12			12			13			13			12			



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>0.10</b>	0.30	0.07	<b>0.17</b>	0.54	0.21	<b>0.12</b>	0.30	0.40	<b>0.15</b>	0.62	0.10	<b>0.12</b>	0.60	0.19	
<b>46W3BQ</b>	<b>0.10</b>	0.54	0.00	<b>0.16</b>	0.38	0.78	<b>0.13</b>	0.76	1.11	<b>0.16</b>	0.93	0.00	<b>0.12</b>	0.69	0.72	
<b>6FM9LZ</b>	<b>0.11</b>	1.07	0.00	<b>0.17</b>	0.94	0.78	<b>0.13</b>	0.95	0.00	<b>0.17</b>	1.30	0.96	<b>0.12</b>	0.90	0.00	
<b>7PTBQX</b>	<b>0.10</b>	0.77	0.07	<b>0.18</b>	1.03	0.23	<b>0.13</b>	0.93	0.40	<b>0.16</b>	1.08	0.69	<b>0.12</b>	0.92	0.07	
<b>93P9K8</b>	<b>0.10</b>	0.37	1.85	<b>0.18</b>	1.32	2.33	<b>0.11</b>	0.00	1.11	<b>0.16</b>	1.12	0.96	<b>0.11</b>	0.48	0.72	
<b>AJT3UT</b>	<b>0.08</b>	-0.54	1.45	<b>0.15</b>	-0.51	0.28	<b>0.10</b>	-0.95	0.40	<b>0.13</b>	-0.73	0.48	<b>0.09</b>	-0.85	0.37	
<b>E7C2YX</b>	<b>0.09</b>	0.00	0.43	<b>0.16</b>	0.23	1.41	<b>0.13</b>	1.01	0.77	<b>0.16</b>	1.03	0.25	<b>0.10</b>	-0.37	0.44	
<b>FEFB42</b>	<b>0.05</b>	-2.12	0.25	<b>0.12</b>	-1.88	0.28	<b>0.09</b>	-1.39	0.58	<b>0.12</b>	-1.34	0.19	<b>0.08</b>	-1.60	0.37	
<b>JYYG23</b>	<b>0.09</b>	0.00	2.00	<b>0.15</b>	-0.47	1.82	<b>0.10</b>	-0.59	1.34	<b>0.14</b>	-0.04	2.23	<b>0.11</b>	0.00	1.19	
<b>K3R37A</b>	<b>0.11</b>	1.24	0.70	<b>0.16</b>	0.00	0.78	<b>0.13</b>	1.14	1.11	<b>0.14</b>	0.00	0.96	<b>0.12</b>	0.90	1.25	
<b>L7RLR9</b>	<b>0.10</b>	0.37	1.85	<b>0.16</b>	0.19	0.00	<b>0.11</b>	0.00	1.11	<b>0.14</b>	-0.19	0.00	<b>0.10</b>	-0.15	0.72	
<b>L9EA7U</b>	<b>0.08</b>	-0.61	0.00	<b>0.15</b>	-0.38	0.00	<b>0.11</b>	-0.19	0.00	<b>0.13</b>	-0.63	0.00	<b>0.11</b>	-0.04	0.00	
<b>LR4NKJ</b>	<b>0.08</b>	-0.73	1.24	<b>0.14</b>	-0.83	0.13	<b>0.10</b>	-1.05	0.19	<b>0.13</b>	-0.63	1.01	<b>0.10</b>	-0.46	0.07	
<b>LWYD8H</b>	<b>0.09</b>	-0.17	1.09	<b>0.15</b>	-0.36	0.77	<b>0.11</b>	0.00	0.62	<b>0.14</b>	0.02	0.25	<b>0.11</b>	0.31	0.76	
<b>M9R2U6</b>	<b>0.07</b>	-0.79	0.99	<b>0.14</b>	-0.90	0.31	<b>0.10</b>	-0.70	0.88	<b>0.14</b>	-0.34	0.69	<b>0.09</b>	-0.90	0.50	
<b>MDMQE H</b>	<b>0.08</b>	-0.33	0.70	<b>0.16</b>	0.19	0.00	<b>0.12</b>	0.38	0.00	<b>0.15</b>	0.37	0.00	<b>0.11</b>	0.27	0.00	
<b>MZDCVW</b>	<b>0.08</b>	-0.54	0.21	<b>0.15</b>	-0.43	0.18	<b>0.10</b>	-0.51	0.28	<b>0.14</b>	-0.30	0.41	<b>0.10</b>	-0.43	0.15	
<b>NUNAAC</b>	<b>0.11</b>	0.83	1.37	<b>0.14</b>	-0.74	0.74	<b>0.11</b>	-0.41	0.90	<b>0.14</b>	-0.34	1.67	<b>0.10</b>	-0.65	1.51	
<b>RWY4X9</b>	<b>0.09</b>	0.02	0.00	<b>0.17</b>	0.56	0.78	<b>0.12</b>	0.57	1.11	<b>0.16</b>	0.75	0.96	<b>0.11</b>	0.48	0.72	
<b>T8VTTE</b>	<b>0.11</b>	0.93	0.60	<b>0.17</b>	0.85	1.45	<b>0.13</b>	0.78	0.38	<b>0.17</b>	1.62	1.75	<b>0.13</b>	1.40	0.33	
<b>XAP99R</b>	<b>0.08</b>	-0.37	0.69	<b>0.16</b>	0.00	0.43	<b>0.10</b>	-0.61	0.11	<b>0.14</b>	-0.21	0.10	<b>0.10</b>	-0.17	0.12	
<b>Y8Y834</b>	<b>0.04</b>	-2.35	1.53	<b>0.12</b>	-2.05	2.45	<b>0.08</b>	-1.78	3.38	<b>0.12</b>	-1.49	1.71	<b>0.08</b>	-1.91	2.95	
<b>YECBT3</b>	<b>0.10</b>	0.52	0.07	<b>0.17</b>	0.75	0.13	<b>0.12</b>	0.51	0.11	<b>0.15</b>	0.45	1.74	<b>0.12</b>	1.04	2.34	



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2211	SRS2212	SRS2213	SRS2214	SRS2215	
<b>Grand Median</b>	0.090	0.16	0.11	0.14	0.11	
<b>Median Abs Dev</b>	0.010	0.01	0.01	0.01	0.01	
<b>Avg Within Lab SD</b>	0.008	0.01	0.01	0.01	0.01	
<b>Labs Included</b>	23	23	23	23	23	
<b>Labs Reporting</b>	23	23	23	23	23	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RENYR</b>	<b>0.78</b>	-0.83	0.44	<b>1.59</b>	0.20	0.37	<b>0.72</b>	-1.65	0.51	<b>1.78</b>	-1.38	0.18	<b>1.01</b>	0.03	0.38
<b>6FM9LZ</b>	<b>0.85</b>	-0.13	0.52	<b>1.58</b>	0.05	0.00	<b>0.82</b>	-0.59	0.58	<b>2.02</b>	1.48	0.59	<b>0.93</b>	-0.95	0.32
<b>7PTBQX</b>	<b>0.91</b>	0.47	0.20	<b>1.65</b>	1.14	0.11	<b>0.99</b>	1.19	0.41	<b>2.05</b>	1.83	0.38	<b>1.13</b>	1.58	0.07
<b>93P9K8</b>	<b>0.92</b>	0.51	0.44	<b>1.74</b>	2.35	1.36	<b>0.94</b>	0.63	0.67	<b>2.07</b>	2.17	0.42	<b>1.08</b>	0.89	0.55
<b>AJT3UT</b>	<b>0.88</b>	0.13	1.17	<b>1.53</b>	-0.68	0.00	<b>0.82</b>	-0.62	0.34	<b>1.87</b>	-0.36	0.25	<b>0.96</b>	-0.58	0.42
<b>FEFB42</b>	<b>0.90</b>	0.35	0.10	<b>1.64</b>	0.89	0.18	<b>0.99</b>	1.20	0.68	<b>1.96</b>	0.81	0.01	<b>1.09</b>	0.99	0.03
<b>JYYG23</b>	<b>0.78</b>	-0.75	0.13	<b>1.54</b>	-0.55	0.27	<b>0.85</b>	-0.29	0.47	<b>1.79</b>	-1.29	0.11	<b>1.04</b>	0.37	0.65
<b>K3R37A</b>	<b>0.91</b>	0.48	0.51	<b>1.59</b>	0.20	0.56	<b>0.93</b>	0.52	1.78	<b>1.89</b>	-0.03	0.25	<b>1.03</b>	0.30	1.14
<b>L7RLR9</b>	<b>0.94</b>	0.73	0.25	<b>1.63</b>	0.73	0.26	<b>0.89</b>	0.09	0.85	<b>1.90</b>	0.03	0.69	<b>1.01</b>	0.00	0.42
<b>L9EA7U</b>	<b>0.83</b>	-0.31	0.00	<b>1.57</b>	-0.08	0.00	<b>0.89</b>	0.11	0.00	<b>1.83</b>	-0.77	0.00	<b>1.00</b>	-0.08	0.00
<b>LR4NKJ</b>	<b>1.06</b>	1.89	3.05	<b>1.58</b>	0.00	3.57	<b>0.88</b>	0.05	1.85	<b>1.92</b>	0.29	3.78	<b>1.13</b>	1.55	3.51
<b>LWYD8H</b>	<b>0.76</b>	-1.03	0.64	<b>1.59</b>	0.20	0.77	<b>0.87</b>	-0.05	1.04	<b>1.91</b>	0.17	0.63	<b>1.00</b>	-0.16	0.69
<b>M9R2U6</b>	<b>0.76</b>	-0.96	0.56	<b>1.56</b>	-0.29	0.32	<b>0.85</b>	-0.30	0.93	<b>1.88</b>	-0.24	0.38	<b>0.95</b>	-0.73	0.88
<b>NUNAAC</b>	<b>0.90</b>	0.38	1.86	<b>1.53</b>	-0.70	0.26	<b>0.75</b>	-1.29	0.69	<b>1.88</b>	-0.24	0.85	<b>0.93</b>	-0.99	0.40
<b>RWY4X9</b>	<b>0.79</b>	-0.70	0.00	<b>1.56</b>	-0.29	0.12	<b>0.89</b>	0.11	0.34	<b>1.92</b>	0.29	0.00	<b>1.03</b>	0.26	0.00
<b>T8VTTE</b>	<b>0.71</b>	-1.48	1.13	<b>1.37</b>	-3.10	0.85	<b>0.72</b>	-1.66	2.22	<b>1.85</b>	-0.61	1.08	<b>0.87</b>	-1.73	0.62
<b>WDPZXR</b>	<b>0.90</b>	0.32	0.22	<b>2.70</b>	16.49X	0.00	<b>1.00</b>	1.29		<b>1.90</b>	0.05	0.00	<b>1.43</b>	5.33X	11.11
<b>XAP99R</b>	<b>0.79</b>	-0.71	0.89	<b>1.57</b>	-0.03	0.53	<b>0.83</b>	-0.51	0.38	<b>1.89</b>	-0.10	0.05	<b>0.99</b>	-0.27	0.46

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	0.86			1.58			0.88			1.90			1.01		
<b>Median Abs Dev</b>	0.06			0.02			0.05			0.03			0.05		
<b>Avg Within Lab SD</b>	0.07			0.05			0.02			0.08			0.04		
<b>Labs Included</b>	18			17			18			18			17		
<b>Labs Reporting</b>	18			18			18			18			18		





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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
36DR2X	0.62	-3.02	0.64	1.65	-2.44	0.63	1.31	-0.63	1.42	1.67	-3.14	0.51	1.17	-2.49	1.28	
3K4CBL	1.33	-0.27	0.64	2.62	-0.47	1.00	1.33	-0.53	1.42	2.67	-1.06	1.10	1.67	-0.15	1.19	
3RQMRF	1.10	-1.17		2.89	0.08		1.43	-0.04		3.21	0.06		1.66	-0.22		
4R8ZUJ	1.57	0.66	1.20	3.36	1.05	0.29	1.95	2.47	1.13	3.26	0.17	1.07	1.71	0.00	1.49	
4WZZBZ	1.44	0.16	0.18	2.93	0.17	0.18	1.45	0.03	0.12	3.24	0.13	0.77	1.87	0.74	0.28	
6G7VHW	1.40	0.00	0.29	3.02	0.35	0.33	1.45	0.07	0.55	3.38	0.41	0.83	1.80	0.46	1.20	
724LC3							1.51	0.34	0.00	1.35	-3.82X	0.51				
7LVRKT	1.42	0.09	0.10	3.10	0.52	0.28	1.43	-0.03	0.31	3.34	0.33	0.22	1.85	0.67	0.63	
7M3C78	0.95	-1.74	0.55	2.56	-0.59	0.93	1.48	0.19	1.93	2.54	-1.33	1.34	1.30	-1.89	0.84	
7PTBQX	1.53	0.52	0.10	3.10	0.50	1.25	1.57	0.61	0.51	3.76	1.21	2.64	1.95	1.14	0.59	
BY444N	1.41	0.05	0.02	2.83	-0.04	0.00	1.54	0.49	0.02	3.30	0.25	0.04	1.96	1.17	0.01	
BZF3XX	1.36	-0.14	0.14	2.66	-0.38	0.05	1.31	-0.65	0.23	3.06	-0.25	0.62	1.68	-0.11	0.28	
CJ74HL	1.47	0.28	0.05	3.05	0.41	0.27	1.46	0.10	0.20	3.34	0.33	0.45	1.84	0.60	0.28	
DB7DJA	1.96	2.15	2.67	2.60	-0.51	2.18	3.04	7.76X	0.54	3.45	0.55	1.57	1.65	-0.25	0.82	
E7C2YX	1.20	-0.77	0.00	2.97	0.24	1.38	1.13	-1.48	1.17	2.90	-0.59	0.00	1.57	-0.65	1.06	
F6TCBB	1.37	-0.13	0.52	1.67	-2.40	0.52	1.07	-1.81	1.17	2.17	-2.12	0.72	1.40	-1.42	0.00	
FEFB42	1.42	0.08	0.16	2.79	-0.13	0.23	1.21	-1.11	1.66	3.16	-0.06	0.38	1.71	0.03	0.53	
FJEPTC	1.77	1.42	3.44	2.87	0.04	0.52	1.47	0.13	1.17	3.03	-0.31	0.72	1.90	0.90	1.83	
GGKFWF	1.34	-0.23	0.72	2.63	-0.45	0.41	1.46	0.11	0.56	3.22	0.09	0.41	1.66	-0.20	0.13	
HRHJXP	1.45	0.21	0.14	2.74	-0.21	0.32	1.42	-0.11	0.42	3.14	-0.09	0.50	1.69	-0.09	0.59	
J6YXET	1.41	0.04	0.79	4.00	2.35	0.84	1.58	0.69	0.47	3.44	0.53	0.32	1.93	1.02	2.24	
K6YBGF	3.24	7.12X	1.36	4.14	2.63	3.52	1.93	2.35	1.42	3.61	0.89	2.11	2.55	3.93X	4.09	
LR4NKJ	1.36	-0.14	0.32	3.10	0.50	0.29	1.46	0.11	0.23	3.36	0.36	0.69	1.87	0.76	0.18	
MKKKCG	1.12	-1.07	0.50	2.32	-1.06	0.18	1.19	-1.22	0.09	2.49	-1.44	0.40	1.46	-1.14	0.00	
PRRX6W	1.46	0.25	0.42	3.01	0.33	0.09	1.40	-0.19	0.35	3.12	-0.14	0.62	1.82	0.53	0.48	
RWY4X9	1.25	-0.59	0.19	2.69	-0.32	0.24	1.29	-0.71	0.71	3.05	-0.28	0.38	1.87	0.74	0.94	



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>T8VTTE</b>	<b>1.12</b>	-1.09	0.77	<b>2.66</b>	-0.38	0.47	<b>1.11</b>	-1.61	1.72	<b>2.84</b>	-0.71	0.88	<b>1.64</b>	-0.32	2.23	
<b>VEQDAZ</b>	<b>1.25</b>	-0.58	0.63	<b>2.71</b>	-0.27	0.55	<b>1.29</b>	-0.73	1.40	<b>2.59</b>	-1.23	0.82	<b>1.67</b>	-0.19	0.74	
<b>YECBT3</b>	<b>1.75</b>	1.37	1.14	<b>2.88</b>	0.06	1.21	<b>1.51</b>	0.34	1.43	<b>3.59</b>	0.86	1.56	<b>1.78</b>	0.32	0.45	
SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	1.40			2.85			1.44			3.18			1.71			
<b>Median Abs Dev</b>	0.07			0.19			0.11			0.19			0.13			
<b>Avg Within Lab SD</b>	0.11			0.11			0.05			0.08			0.05			
<b>Labs Included</b>	27			28			28			28			27			
<b>Labs Reporting</b>	28			28			29			29			28			



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SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2H7U4Z	1.49	-0.19	0.24	4.36	-0.57	0.09	1.71	0.31	0.16	2.96	-0.43	0.03	1.80	-0.75	0.17	
2TQ6FC	1.18	-2.07	1.09	3.42	-2.80	0.86	1.56	-0.49	2.05	2.43	-2.07	0.33	1.41	-2.57	0.96	
36DR2X	2.23	4.36X		9.89	12.57X		3.28	8.78X		4.72	5.03X		2.85	4.14		
3RQMRF	0.75	-4.71X		1.73	-6.81X		0.86	-4.29X		1.42	-5.22X		0.97	-4.61X		
46W3BQ	1.07	-2.77	0.90	4.00	-1.43		1.13	-2.81	0.95	2.63	-1.45	0.18	1.53	-1.99	0.99	
4HGHEP	1.43	-0.52	1.80	4.33	-0.63	1.31	1.50	-0.83	1.64	2.90	-0.62	0.62	1.90	-0.29	2.98	
6DJHEK	1.60	0.50	0.00	4.63	0.08	0.49	1.73	0.43	0.95	3.20	0.31	0.00	2.07	0.49	0.99	
93P9K8	1.38	-0.83	0.32	4.51	-0.21	0.45	1.53	-0.65	0.81	3.06	-0.12	0.08	1.98	0.10	0.53	
9KBWU3	1.54	0.13	0.16	4.61	0.02	0.31	1.76	0.56	0.74	3.10	0.00	0.19	1.98	0.07	1.22	
9L3TJW	1.33	-1.13	3.24	4.70	0.24	0.00	1.60	-0.29	0.00	3.10	0.00	0.00	1.93	-0.13	0.99	
AH34DA	1.38	-0.87	0.32	4.37	-0.54	0.36	1.62	-0.18	0.16	2.95	-0.46	0.04	1.95	-0.05	0.46	
BQCTQ8	1.53	0.07	0.56	4.52	-0.20	0.05	1.55	-0.54	0.66	2.99	-0.34	0.22	2.04	0.38	1.11	
DB7DJA	1.99	2.87	0.29	4.97	0.87	2.02	1.99	1.80	2.47	2.22	-2.74	0.34	4.94	13.89X	6.04	
E7C2YX	1.33	-1.13	0.90	4.87	0.63	0.49	1.60	-0.29	0.00	3.03	-0.21	0.18	1.93	-0.13	0.99	
FEFB42	1.53	0.09	0.90	4.53	-0.16	1.31	1.80	0.79	0.00	3.00	-0.31		1.87	-0.44	0.99	
FW2YDW	1.62	0.62	1.12	4.20	-0.96	0.13	1.35	-1.64	0.00	3.11	0.02	0.14	1.87	-0.43	1.03	
FWGF74	1.59	0.42	0.95	4.93	0.78	1.35	1.88	1.22	2.28	3.05	-0.17	0.18	1.99	0.12	1.05	
H298Q7	1.51	-0.03	0.55	4.67	0.17	0.45	1.72	0.38	0.38	3.18	0.25	0.09	2.07	0.51	0.34	
HKWNW K	1.83	1.90	1.27	5.39	1.88	0.27	2.11	2.48	0.47	3.62	1.63	0.14	2.40	2.06	0.18	
HQPKQH	1.71	1.15	1.26	4.75	0.36	1.08	1.83	0.97	1.07	3.43	1.01	0.17	2.28	1.48	2.16	
J6YXET	1.74	1.37	0.10	5.70	2.61	0.41	1.96	1.67	0.14	3.66	1.73	0.04	2.21	1.15	0.12	
JYYG23	1.56	0.22	0.46	4.69	0.22	0.30	1.64	-0.09	0.25	3.14	0.14	0.08	2.08	0.54	0.43	
JZ9N3A	1.45	-0.44	0.74	4.74	0.34	0.61	1.66	0.04	0.43							
L9EA7U	1.48	-0.23	0.00	4.58	-0.05	0.00	1.66	0.05	0.00	3.07	-0.09	0.00	2.02	0.27	0.00	
LK6WHG	1.57	0.30	0.90	4.57	-0.08	1.31	1.47	-1.01	0.95	2.83	-0.83	0.18	1.77	-0.91	0.99	



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SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>M9R2U6</b>	<b>1.52</b>	0.01	0.16	<b>4.53</b>	-0.17	0.10	<b>1.65</b>	-0.04	0.09	<b>3.18</b>	0.26	0.02	<b>1.92</b>	-0.21	0.20
<b>MDMQE H</b>	<b>1.52</b>	0.01	0.54	<b>4.66</b>	0.14	0.23	<b>1.66</b>	0.02	0.09	<b>3.05</b>	-0.16	0.03	<b>1.91</b>	-0.22	0.36
<b>MZDCVW</b>	<b>1.52</b>	-0.01	0.32	<b>4.66</b>	0.14	0.86	<b>1.59</b>	-0.34	0.72	<b>3.18</b>	0.25	0.09	<b>1.96</b>	0.01	1.46
<b>NUNAAC</b>	<b>2.31</b>	4.85X	3.96	<b>3.54</b>	-2.52	3.25	<b>1.84</b>	1.02	1.13	<b>3.89</b>	2.45	2.93	<b>1.96</b>	-0.01	1.65
<b>P7CJPP</b>	<b>1.43</b>	-0.52	2.65	<b>4.58</b>	-0.04	2.96	<b>1.64</b>	-0.09	1.56	<b>3.15</b>	0.14	0.26	<b>1.91</b>	-0.24	0.89
<b>R74HFZ</b>	<b>1.23</b>	-1.75	0.32	<b>4.12</b>	-1.13	0.13	<b>1.58</b>	-0.38	0.25	<b>3.58</b>	1.49	5.39	<b>1.70</b>	-1.20	0.10
<b>R9V879</b>	<b>1.45</b>	-0.42	0.40	<b>5.21</b>	1.44	0.96	<b>1.66</b>	0.01	0.25	<b>3.50</b>	1.24	0.05	<b>2.10</b>	0.64	1.07
<b>T8VTTE</b>	<b>1.60</b>	0.51	0.52	<b>4.21</b>	-0.93	0.37	<b>1.49</b>	-0.89	1.83	<b>3.24</b>	0.45	0.15	<b>2.12</b>	0.76	0.04
<b>TX6BCK</b>	<b>1.43</b>	-0.54	0.00	<b>4.37</b>	-0.54	0.18	<b>1.52</b>	-0.70	0.25	<b>2.94</b>	-0.50	0.03	<b>1.85</b>	-0.50	0.10
<b>TZVAR4</b>	<b>1.63</b>	0.70	0.90	<b>3.97</b>	-1.51	0.49	<b>1.77</b>	0.61	0.95	<b>2.73</b>	-1.14	0.18	<b>1.93</b>	-0.13	0.99
<b>UJQ3D3</b>	<b>1.56</b>	0.28	0.09	<b>4.75</b>	0.36	0.09	<b>1.65</b>	0.00	0.09	<b>3.17</b>	0.23	0.02	<b>2.11</b>	0.71	0.10
<b>W3PC7U</b>	<b>1.41</b>	-0.68	0.03	<b>4.47</b>	-0.31	0.39	<b>1.52</b>	-0.72	0.23	<b>2.84</b>	-0.82	0.07	<b>1.84</b>	-0.56	0.53
<b>WAQN2R</b>	<b>1.52</b>	0.02	0.55	<b>4.85</b>	0.60	0.14	<b>1.70</b>	0.24	0.13	<b>3.24</b>	0.43	0.05	<b>2.12</b>	0.74	0.11
<b>WDPZXR</b>	<b>1.53</b>	0.09	0.90	<b>4.70</b>	0.24	0.00	<b>1.80</b>	0.79	0.00	<b>3.30</b>	0.62	0.00	<b>2.02</b>	0.26	0.50
<b>XAP99R</b>	<b>1.50</b>	-0.11	1.56	<b>4.80</b>	0.48	0.86	<b>1.73</b>	0.43	0.95	<b>3.27</b>	0.52	0.36	<b>2.10</b>	0.65	1.72
<b>XK8TNG</b>	<b>1.62</b>	0.60	0.86	<b>4.84</b>	0.56	1.67	<b>1.76</b>	0.58	2.45	<b>3.23</b>	0.40	0.27	<b>2.11</b>	0.71	1.12
<b>XTF3EV</b>	<b>1.47</b>	-0.32	0.90	<b>4.60</b>	0.00	0.00	<b>1.57</b>	-0.47	0.95	<b>2.97</b>	-0.41	0.18	<b>1.90</b>	-0.29	0.00
<b>Y8Y834</b>	<b>1.43</b>	-0.54	0.95	<b>4.30</b>	-0.71	0.17	<b>1.50</b>	-0.83	0.16	<b>2.93</b>	-0.54	0.07	<b>1.93</b>	-0.16	0.40

SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	1.52			4.60			1.65			3.10			1.96		
<b>Median Abs Dev</b>	0.08			0.20			0.10			0.14			0.10		
<b>Avg Within Lab SD</b>	0.06			0.12			0.06			0.32			0.06		
<b>Labs Included</b>	40			41			41			40			40		
<b>Labs Reporting</b>	43			43			43			42			42		



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>1.63</b>		1.33	<b>5.17</b>		1.38	<b>1.87</b>		1.41	<b>3.40</b>		1.40	<b>2.23</b>		1.33	
<b>AH34DA</b>	<b>1.30</b>		0.48	<b>3.96</b>		0.32	<b>1.51</b>		0.12	<b>2.69</b>		0.16	<b>1.81</b>		0.48	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>		1.47			4.56			1.69			3.05			2.02		
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>		0.04			0.11			0.08			0.07			0.04		
<b>Labs Included</b>		2			2			2			2			2		
<b>Labs Reporting</b>		2			2			2			2			2		



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CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RENYR</b>	<b>0.43</b>						<b>1.33</b>	0.21	0.19	<b>1.19</b>	0.00	0.81				
<b>724LC3</b>							<b>1.27</b>	0.05	1.01							
<b>7PTBQX</b>							<b>1.60</b>	1.05	0.00	<b>1.20</b>	0.09	0.00				
<b>9KBWU3</b>	<b>0.50</b>		1.04	<b>0.37</b>		1.93	<b>1.24</b>	-0.05	0.86	<b>1.14</b>	-0.34	1.88	<b>0.32</b>		1.80	
<b>E7C2YX</b>	<b>0.50</b>		1.38	<b>0.23</b>		0.47	<b>1.00</b>	-0.78	1.65	<b>1.30</b>	0.78	0.00	<b>0.20</b>		0.00	
<b>GGKFWF</b>				<b>0.39</b>		0.13	<b>1.03</b>	-0.70	0.75	<b>0.84</b>	-2.37	0.24	<b>0.31</b>		0.85	
<b>J6YXET</b>	<b>0.35</b>		0.14	<b>0.32</b>		0.22	<b>2.01</b>	2.29	1.69	<b>1.09</b>	-0.68	1.54	<b>0.22</b>		0.16	
<b>V3XUTA</b>							<b>1.17</b>	-0.27	0.19	<b>1.25</b>	0.45	0.62				

CaCO3 Content (SubTestCode 185) in the Content Property Groups						Data units: Percent				
	SRS2211		SRS2212		SRS2213		SRS2214		SRS2215	
<b>Grand Median</b>	0.47		0.34		1.26		1.19		0.26	
<b>Median Abs Dev</b>					0.16		0.07			
<b>Avg Within Lab SD</b>	0.07		0.12		0.06		0.07		0.05	
<b>Labs Included</b>	4		4		8		7		4	
<b>Labs Reporting</b>	4		4		8		7		4	



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3RENYR</b>	<b>6.7</b>	0.11	1.16	<b>10.0</b>	-0.11	0.78	<b>10.4</b>	0.04	0.76	<b>11.5</b>	0.50	0.84	<b>6.1</b>	0.05	2.13		
<b>3RQMRF</b>	<b>2.7</b>	-3.49		<b>4.9</b>	-2.13		<b>5.6</b>	-2.96		<b>4.7</b>	-2.82		<b>4.5</b>	-2.37			
<b>7LVRKT</b>	<b>6.4</b>	-0.16	0.93	<b>10.6</b>	0.11	0.66	<b>10.2</b>	-0.04	1.22	<b>9.3</b>	-0.58	1.24	<b>5.3</b>	-1.18	0.86		
<b>7PTBQX</b>	<b>7.0</b>	0.45	0.98	<b>13.5</b>	1.25	0.14	<b>10.2</b>	-0.08	1.45	<b>11.1</b>	0.31	0.36	<b>6.0</b>	-0.05	0.32		
<b>AJT3UT</b>	<b>6.7</b>	0.15	0.47	<b>10.7</b>	0.13	0.28	<b>11.6</b>	0.79	0.44	<b>11.4</b>	0.47	0.83	<b>6.6</b>	0.76	0.48		
<b>FEFB42</b>	<b>6.4</b>	-0.11	0.12	<b>9.1</b>	-0.49	0.26	<b>10.4</b>	0.08	0.30	<b>10.5</b>	-0.01	0.05	<b>6.3</b>	0.35	0.75		
<b>FJEPTC</b>	<b>5.7</b>	-0.79	1.84	<b>7.9</b>	-0.95	2.36	<b>9.0</b>	-0.84	1.37	<b>9.1</b>	-0.69	1.97	<b>5.9</b>	-0.20	0.63		
<b>J6YXET</b>	<b>11.1</b>	4.13X	1.02	<b>25.9</b>	6.17X	1.01	<b>16.4</b>	3.86X	0.59	<b>19.6</b>	4.50X	0.33	<b>13.1</b>	10.83X	0.82		
<b>LR4NKJ</b>	<b>6.7</b>	0.12	0.47	<b>10.9</b>	0.21	0.47	<b>11.2</b>	0.55	0.82	<b>10.5</b>	0.01	0.25	<b>6.4</b>	0.44	0.67		

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
<b>Grand Median</b>	6.54			10.3			10.3			10.5			6.06				
<b>Median Abs Dev</b>	0.18			0.9			0.5			1.0			0.25				
<b>Avg Within Lab SD</b>	0.26			0.7			0.4			0.5			0.18				
<b>Labs Included</b>	8			8			8			8			8				
<b>Labs Reporting</b>	9			9			9			9			9				



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>46W3BQ</b>	<b>7.33</b>	-0.55	0.62	<b>10.43</b>	1.19	1.88	<b>20.03</b>	-0.49	0.43	<b>17.53</b>	0.27	0.41	<b>9.40</b>	1.16	1.00
<b>93P9K8</b>	<b>9.51</b>	0.56	0.35	<b>7.26</b>	0.06	0.83	<b>26.86</b>	0.98	0.44	<b>21.73</b>	1.51	0.34	<b>6.20</b>	-0.54	0.28
<b>9KBWU3</b>	<b>7.63</b>	-0.40	0.67	<b>5.87</b>	-0.43	0.21	<b>19.30</b>	-0.65	1.39	<b>12.90</b>	-1.10	0.18	<b>4.30</b>	-1.55	0.19
<b>AJT3UT</b>	<b>5.86</b>	-1.30	0.45	<b>10.28</b>	1.13	1.33	<b>14.40</b>	-1.70	0.46	<b>12.96</b>	-1.08	0.51	<b>8.54</b>	0.70	1.29
<b>CJ74HL</b>	<b>7.76</b>	-0.33	0.05	<b>6.44</b>	-0.23	0.25	<b>25.22</b>	0.63	0.59	<b>16.96</b>	0.10	0.28	<b>4.65</b>	-1.36	0.28
<b>K6YBGF</b>	<b>8.04</b>	-0.19	0.50	<b>6.90</b>	-0.06	0.48	<b>17.93</b>	-0.94	1.50	<b>15.00</b>	-0.48	1.30	<b>5.07</b>	-1.14	0.42
<b>LLZKW7</b>	<b>11.63</b>	1.63	0.56	<b>8.50</b>	0.50	0.97	<b>26.17</b>	0.83	0.67	<b>18.97</b>	0.69	0.56	<b>7.17</b>	-0.03	0.11
<b>LR4NKJ</b>	<b>8.23</b>	-0.09	0.49	<b>4.07</b>	-1.06	0.30	<b>19.38</b>	-0.63	0.43	<b>17.84</b>	0.36	2.43	<b>5.32</b>	-1.01	0.10
<b>M9R2U6</b>	<b>7.50</b>	-0.47	0.02	<b>11.26</b>	1.48	0.86	<b>22.39</b>	0.02	0.24	<b>16.28</b>	-0.10	0.27	<b>7.74</b>	0.28	0.18
<b>MZDCVW</b>	<b>8.60</b>	0.09	0.00	<b>9.20</b>	0.75	0.37	<b>17.30</b>	-1.08	0.35	<b>13.07</b>	-1.05	0.62	<b>7.27</b>	0.03	1.23
<b>P7CJPP</b>	<b>10.60</b>	1.11	2.33	<b>10.37</b>	1.16	1.18	<b>22.23</b>	-0.02	1.47	<b>15.97</b>	-0.19	1.66	<b>9.03</b>	0.97	0.48
<b>R74HFZ</b>	<b>10.58</b>	1.10	1.43	<b>4.93</b>	-0.76	0.42	<b>25.43</b>	0.67	0.54	<b>20.67</b>	1.20	1.01	<b>7.30</b>	0.04	0.38
<b>WDPZXR</b>	<b>10.67</b>	1.14	1.54	<b>6.20</b>	-0.31	0.64	<b>26.00</b>	0.79		<b>18.33</b>	0.51	1.01	<b>7.67</b>	0.24	0.11
<b>Y8Y834</b>	<b>9.37</b>	0.48	1.47	<b>6.20</b>	-0.31	1.94	<b>22.40</b>	0.02	2.14	<b>13.87</b>	-0.81	0.44	<b>6.47</b>	-0.40	3.00

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	8.42			7.08			22.3			16.6			7.22		
<b>Median Abs Dev</b>	1.02			1.77			3.1			2.0			1.17		
<b>Avg Within Lab SD</b>	0.37			0.27			0.7			0.6			0.53		
<b>Labs Included</b>	14			14			14			14			14		
<b>Labs Reporting</b>	14			14			14			14			14		





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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups															Data units: g/cc		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>36DR2X</b>	<b>1.51</b>	-0.03	0.78	<b>1.22</b>	0.36	1.08	<b>1.42</b>	0.00	0.58	<b>1.34</b>	0.00	1.32	<b>1.49</b>	0.19	0.70		
<b>3RQMRF</b>	<b>1.62</b>	0.99		<b>1.06</b>	-0.67		<b>1.45</b>	0.21		<b>1.35</b>	0.07		<b>1.45</b>	0.00			
<b>7PTBQX</b>	<b>1.70</b>	1.71	0.00	<b>1.36</b>	1.30	0.27	<b>1.61</b>	1.23	0.22	<b>1.55</b>	1.24	0.29	<b>1.61</b>	0.68	0.00		
<b>FMTMW T</b>	<b>1.43</b>	-0.75	1.72	<b>1.16</b>	0.00	0.11	<b>1.34</b>	-0.53	0.38	<b>1.30</b>	-0.22	0.17	<b>1.35</b>	-0.40	1.01		
<b>JKVCC2</b>	<b>1.51</b>	0.00	0.79	<b>1.07</b>	-0.64	0.93	<b>1.26</b>	-1.08	0.43	<b>1.16</b>	-1.05	0.29	<b>1.22</b>	-0.98	0.42		
<b>K6YBGF</b>	<b>1.64</b>	1.18	0.85	<b>1.26</b>	0.61	0.30	<b>1.54</b>	0.78	0.65	<b>1.49</b>	0.92	0.23	<b>1.69</b>	1.01	0.75		
<b>LLZKW7</b>	<b>1.51</b>	-0.06	1.04	<b>1.00</b>	-1.13	1.95	<b>1.28</b>	-0.90	2.20	<b>1.13</b>	-1.22	2.00	<b>1.10</b>	-1.47	1.94		

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups															Data units: g/cc		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
<b>Grand Median</b>	1.51			1.16			1.42			1.34			1.45				
<b>Median Abs Dev</b>	0.08			0.09			0.12			0.16			0.16				
<b>Avg Within Lab SD</b>	0.01			0.02			0.03			0.02			0.01				
<b>Labs Included</b>	7			7			7			7			7				
<b>Labs Reporting</b>	7			7			7			7			7				



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### Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups

Data units: Percent

WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3RQMRF	84.8	-0.08		30.2	-0.67		53.4	0.93		65.3	0.34		57.4	0.04	
46W3BQ	89.6	1.13		50.6	2.55X		54.6	1.16		64.6	0.15		63.6	1.40	
4HGHEP	87.3	0.56	0.75	38.0	0.57		52.7	0.80	1.12	66.7	0.70	0.61	59.3	0.47	0.65
4QWN8V	87.3	0.55	0.00	32.2	-0.35	0.00	48.3	0.00	0.00	61.3	-0.74	0.00	56.1	-0.24	0.00
724LC3	86.5	0.35	0.13	34.4	0.00	0.79							54.4	-0.62	0.74
7PTBQX	84.5	-0.14		35.0	0.09		48.0	-0.06		63.0	-0.28		57.0	-0.04	
93P9K8	79.7	-1.34	0.00	31.6	-0.44	0.00	47.6	-0.13	0.00	61.6	-0.66	0.00	57.6	0.09	0.00
9KBWU3	77.7	-1.83	1.27	30.5	-0.62	1.00	38.9	-1.72	0.30	47.1	-4.54X	1.20	46.8	-2.28	1.08
AJT3UT	85.1	0.01	0.09	31.0	-0.53	0.19	48.1	-0.03	0.44	64.1	0.00	0.45	54.1	-0.67	0.18
BQCTQ8	77.1	-1.99	0.00	29.6	-0.75	0.00	45.0	-0.61	0.00	61.0	-0.83	0.00	52.8	-0.97	0.00
BY444N	89.0	0.98	0.10	40.0	0.88	0.10	62.0	2.52	0.16	70.1	1.63	0.25	63.1	1.30	0.31
FMTMW T	83.8	-0.32	0.07	29.1	-0.83	0.01	39.3	-1.66	0.46	60.2	-1.02	0.20	51.6	-1.23	0.26
FR9W8B	87.3	0.56	0.75	40.0	0.88		47.3	-0.18	0.56	64.7	0.16	0.61	56.7	-0.12	0.65
FW2YDW	84.0	-0.26	0.00	27.8	-1.05	0.00	57.9	1.76	0.00	65.8	0.46	0.00	63.5	1.39	0.00
J6YXET	85.1	-0.01	0.37	31.4	-0.47	0.34	48.7	0.08	0.00	64.1	0.00	0.30	55.7	-0.33	0.57
JB36RB	88.3	0.81	0.47	37.9	0.55	0.42	49.2	0.16	0.35	62.9	-0.31	0.38	59.6	0.52	0.82
K3R37A	81.4	-0.93	0.33	25.6	-1.39	0.15	39.7	-1.59	0.15	58.5	-1.49	0.14	52.7	-1.00	0.12
K6YBGF	85.8	0.18	0.00	41.5	1.11	0.35	51.8	0.64	0.01	64.8	0.19	0.01	59.1	0.43	0.34
L7RLR9	85.0	-0.02		35.0	0.09		51.7	0.62	0.70	66.7	0.70	0.76	59.2	0.43	0.82
LR4NKJ	84.8	-0.07	0.00	28.4	-0.95	0.00	46.0	-0.43	0.00	64.1	0.01	0.00	58.9	0.36	0.00
LWYD8H	79.0	-1.52	1.12	35.3	0.15	0.89	46.3	-0.36	1.01	59.7	-1.18	0.30	55.7	-0.34	0.33
MDMQE H	85.2	0.04	0.49	28.4	-0.95	0.47	44.2	-0.76	0.36	59.3	-1.27	0.40	51.4	-1.27	0.44
MZDCVW	87.0	0.48		37.0	0.41		47.0	-0.24		57.0	-1.89		57.0	-0.04	
NUNAAC	77.5	-1.89	3.90	37.5	0.49	1.05	50.2	0.34	0.61	67.3	0.88	0.92	63.3	1.34	0.16
P7CJPP	87.2	0.53	0.69	42.5	1.28	1.28	53.2	0.90	1.40	68.5	1.20	2.00	59.9	0.58	0.52



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>WDPZXR</b>	<b>80.0</b>	-1.27		<b>29.0</b>	-0.85		<b>49.0</b>	0.13		<b>69.0</b>	1.32		<b>53.0</b>	-0.92				
<b>XAP99R</b>	<b>88.1</b>	0.75	1.25	<b>37.2</b>	0.45	3.72	<b>49.4</b>	0.21	3.89	<b>63.8</b>	-0.08	3.73	<b>57.8</b>	0.14	4.22			
<b>YECBT3</b>	<b>86.2</b>	0.28	0.15	<b>43.4</b>	1.42	0.56	<b>47.2</b>	-0.20	0.80	<b>63.9</b>	-0.05	0.25	<b>58.6</b>	0.31	0.13			
Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	85.1			34.4			48.3			64.1			57.2					
<b>Median Abs Dev</b>	2.2			3.9			2.3			2.5			2.3					
<b>Avg Within Lab SD</b>	1.5			1.7			2.1			1.9			1.8					
<b>Labs Included</b>	28			27			27			26			28					
<b>Labs Reporting</b>	28			28			27			27			28					



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3RQMRF	8.2	-0.47		34.8	0.43		31.6	-1.58		21.7	-0.39		29.6	-0.21			
46W3BQ	7.2	-0.80		30.2	-0.39		35.8	-0.79		26.8	0.73		30.2	-0.08			
4HGHEP	12.0	0.77		30.7	-0.31	0.61	39.0	-0.19	0.84	23.7	0.05	1.08	31.7	0.24	0.49		
4QWN8V	7.6	-0.67	0.00	33.9	0.26	0.00	36.2	-0.72	0.00	23.2	-0.05	0.00	28.4	-0.46	0.00		
724LC3	8.3	-0.44	0.12	37.5	0.90	0.61							35.8	1.13	0.32		
7PTBQX	12.5	0.94		33.0	0.10		44.0	0.75		28.0	0.99		34.0	0.73			
93P9K8	12.3	0.87	0.00	34.2	0.31	0.00	38.2	-0.34	0.00	22.2	-0.27	0.00	28.2	-0.51	0.00		
9KBWU3	12.1	0.79	1.47	34.3	0.34	1.07	45.7	1.08	0.10	36.7	2.87X	1.12	37.0	1.38	0.89		
AJT3UT	9.8	0.05	0.06	43.1	1.90	0.66	41.3	0.24	0.32	26.3	0.63	0.40	36.5	1.27	0.26		
BQCTQ8	15.1	1.80	0.00	23.3	-1.62	0.00	35.1	-0.92	0.00	23.2	-0.05	0.00	25.4	-1.10	0.07		
BY444N	6.9	-0.90	0.15	33.3	0.15	0.12	29.1	-2.05	0.01	20.8	-0.58	0.31	27.8	-0.59	0.09		
FMTMW T	9.6	-0.02	0.13	27.7	-0.83	0.08	44.6	0.86	0.21	24.7	0.27	0.24	32.7	0.45	0.26		
FR9W8B	7.7	-0.65	0.73	27.0	-0.96		41.3	0.25	0.97	22.3	-0.24	0.54	31.0	0.09	0.74		
FW2YDW	6.6	-1.01	0.00	24.8	-1.36	0.00	28.7	-2.13	0.00	17.0	-1.40		23.0	-1.63	0.00		
J6YXET	11.3	0.54	0.63	37.6	0.92	0.30	40.9	0.18	0.24	25.6	0.47	0.54	35.3	1.01	0.43		
JB36RB	8.8	-0.29		33.3	0.16	0.38	40.8	0.16	0.30	26.3	0.61	0.58	31.7	0.24	0.62		
K3R37A	12.4	0.91	0.24	41.4	1.58	0.46	43.0	0.57	0.48	26.5	0.67	0.19	28.2	-0.51	2.55		
K6YBGF	8.7	-0.30	0.03	27.4	-0.89	0.32	35.7	-0.80	0.01	20.8	-0.58	0.01	28.8	-0.38	0.01		
L7RLR9	8.3	-0.43	0.92	30.8	-0.28	0.76	36.3	-0.71	1.39	20.0	-0.75		29.2	-0.30	0.62		
LR4NKJ	7.6	-0.67	0.00	31.8	-0.10	0.00	40.3	0.06	0.62	25.7	0.48	0.00	30.9	0.06	0.00		
LWYD8H	15.7	1.98	1.83	30.7	-0.31	1.70	40.3	0.06	0.24	25.7	0.48	1.35	31.7	0.24	0.65		
MDMQE H	9.7	0.02	0.44	36.9	0.80	0.43	45.1	0.96	0.55	30.4	1.51	0.35	41.3	2.30	0.56		
MZDCVW	8.0	-0.54		30.0	-0.43		40.0	0.00		30.0	1.43		30.0	-0.12			
NUNAAC	12.7	0.99	3.19	24.7	-1.37	0.40	34.0	-1.13	0.21	16.2	-1.58	0.82	21.5	-1.94	0.57		
P7CJPP	10.3	0.20	0.73	30.9	-0.26	0.61	40.3	0.05	1.28	21.6	-0.40	1.87	30.3	-0.06	0.49		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>WDPZXR</b>	<b>12.0</b>	0.77		<b>35.0</b>	0.46		<b>38.0</b>	-0.38		<b>16.0</b>	-1.61		<b>34.0</b>	0.73				
<b>XAP99R</b>	<b>8.1</b>	-0.50	1.62	<b>27.3</b>	-0.91	3.86	<b>38.8</b>	-0.22	3.85	<b>22.1</b>	-0.28	3.23	<b>29.2</b>	-0.29	3.52			
<b>YECBT3</b>	<b>11.3</b>	0.56	0.20	<b>35.5</b>	0.55	0.25	<b>45.4</b>	1.02	0.80	<b>28.3</b>	1.05	0.11	<b>34.5</b>	0.84	0.12			
Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	9.65			32.4			40.0			23.4			30.6					
<b>Median Abs Dev</b>	2.01			2.5			3.8			2.7			2.3					
<b>Avg Within Lab SD</b>	1.58			1.9			2.4			2.1			2.3					
<b>Labs Included</b>	28			28			27			26			28					
<b>Labs Reporting</b>	28			28			27			27			28					



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3RQMRF</b>	<b>7.0</b>	0.67		<b>35.0</b>	0.23		<b>15.0</b>	0.65		<b>13.0</b>	0.00		<b>13.0</b>	0.15			
<b>46W3BQ</b>	<b>3.2</b>	-0.69		<b>19.2</b>	-2.11		<b>9.6</b>	-0.74		<b>8.6</b>	-1.20		<b>6.2</b>	-1.51			
<b>4HGHEP</b>	<b>0.8</b>	-1.57	1.55	<b>31.0</b>	-0.36	0.83	<b>8.3</b>	-1.08	0.94	<b>9.6</b>	-0.92	0.86	<b>8.9</b>	-0.85	0.00		
<b>4QWN8V</b>	<b>5.1</b>	-0.01	0.00	<b>33.9</b>	0.06	0.00	<b>15.5</b>	0.78		<b>15.5</b>	0.68		<b>15.5</b>	0.76			
<b>724LC3</b>	<b>5.2</b>	0.01	0.00	<b>28.0</b>	-0.81	0.17							<b>10.1</b>	-0.57	0.31		
<b>7PTBQX</b>	<b>3.0</b>	-0.77		<b>32.0</b>	-0.22		<b>8.0</b>	-1.15		<b>9.0</b>	-1.09		<b>9.0</b>	-0.82			
<b>93P9K8</b>	<b>8.0</b>	1.04	0.00	<b>34.2</b>	0.11	0.00	<b>14.2</b>	0.45	0.00	<b>16.2</b>	0.87	0.00	<b>14.2</b>	0.44	0.00		
<b>9KBWU3</b>	<b>10.2</b>	1.81	0.54	<b>35.2</b>	0.26	1.16	<b>16.5</b>	1.05	1.17	<b>16.2</b>	0.87	0.25	<b>16.2</b>	0.94	0.47		
<b>AJT3UT</b>	<b>5.1</b>	-0.02	0.26	<b>25.9</b>	-1.13	0.82	<b>10.6</b>	-0.48	0.13	<b>9.6</b>	-0.92	0.48	<b>9.4</b>	-0.73	0.39		
<b>BQCTQ8</b>	<b>7.8</b>	0.94	0.00	<b>47.1</b>	2.01	0.00	<b>19.9</b>	1.92	0.00	<b>15.8</b>	0.77	0.00	<b>22.0</b>	2.35			
<b>BY444N</b>	<b>4.1</b>	-0.38	0.37	<b>26.7</b>	-0.99	0.05	<b>8.9</b>	-0.93	0.30	<b>9.1</b>	-1.06	0.21	<b>9.1</b>	-0.81	0.59		
<b>FMTMW T</b>	<b>6.6</b>	0.53	0.31	<b>43.2</b>	1.43	0.14	<b>16.2</b>	0.95	1.24	<b>11.8</b>	-0.34	3.68	<b>15.7</b>	0.82	0.81		
<b>FR9W8B</b>	<b>5.0</b>	-0.05		<b>33.0</b>	-0.07		<b>12.3</b>	-0.03	1.05	<b>13.0</b>	0.00		<b>13.0</b>	0.15			
<b>FW2YDW</b>	<b>9.4</b>	1.53	0.00	<b>47.5</b>	2.07	0.00	<b>13.4</b>	0.24	0.00	<b>17.3</b>	1.17	0.00	<b>13.5</b>	0.28	0.00		
<b>J6YXET</b>	<b>3.7</b>	-0.53	0.90	<b>31.0</b>	-0.36		<b>10.3</b>	-0.55	0.52	<b>10.3</b>	-0.72	0.41	<b>9.0</b>	-0.82			
<b>JB36RB</b>	<b>2.9</b>	-0.80	1.13	<b>28.8</b>	-0.70		<b>10.0</b>	-0.64		<b>10.8</b>	-0.59	0.51	<b>8.8</b>	-0.88			
<b>K3R37A</b>	<b>6.2</b>	0.38	0.41	<b>33.0</b>	-0.06	0.87	<b>17.3</b>	1.25	0.89	<b>15.0</b>	0.53	0.22	<b>15.8</b>	0.84	0.62		
<b>K6YBGF</b>	<b>5.5</b>	0.12	0.06	<b>31.2</b>	-0.34	0.47	<b>12.5</b>	0.00	0.02	<b>14.5</b>	0.39	0.02	<b>12.1</b>	-0.07	0.78		
<b>L7RLR9</b>	<b>6.7</b>	0.55	2.25	<b>34.2</b>	0.10	1.20	<b>12.1</b>	-0.10	1.73	<b>13.3</b>	0.09	1.02	<b>11.7</b>	-0.17	1.96		
<b>LR4NKJ</b>	<b>7.6</b>	0.88	0.00	<b>39.8</b>	0.94	0.00	<b>13.7</b>	0.32	1.35	<b>10.3</b>	-0.74	0.00	<b>10.3</b>	-0.51	0.00		
<b>LWYD8H</b>	<b>6.3</b>	0.43	0.90	<b>34.0</b>	0.08	1.67	<b>13.3</b>	0.22	2.10	<b>14.7</b>	0.45	1.64	<b>12.7</b>	0.07	1.57		
<b>MDMQE H</b>	<b>5.1</b>	-0.03	0.09	<b>34.7</b>	0.18	0.00	<b>10.7</b>	-0.45	0.68	<b>10.3</b>	-0.73	0.00	<b>7.3</b>	-1.24	1.06		
<b>MZDCVW</b>	<b>5.0</b>	-0.05		<b>33.0</b>	-0.07		<b>13.0</b>	0.14		<b>13.0</b>	0.00		<b>13.0</b>	0.15			
<b>NUNAAC</b>	<b>9.8</b>	1.68	1.80	<b>37.8</b>	0.65	1.93	<b>15.8</b>	0.87	1.05	<b>16.5</b>	0.95		<b>15.2</b>	0.68	1.57		
<b>P7CJPP</b>	<b>2.5</b>	-0.93	1.44	<b>26.5</b>	-1.03	2.70	<b>6.5</b>	-1.53	1.17	<b>9.9</b>	-0.85	0.16	<b>9.9</b>	-0.61	0.31		



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WDPZXR</b>	<b>8.0</b>	1.02		<b>36.0</b>	0.37		<b>13.0</b>	0.14		<b>15.0</b>	0.54		<b>13.0</b>	0.15		
<b>XAP99R</b>	<b>3.7</b>	-0.52	2.35	<b>35.5</b>	0.31	0.92	<b>11.7</b>	-0.19	1.33	<b>14.1</b>	0.30	0.33	<b>13.0</b>	0.15	2.35	
<b>YECBT3</b>	<b>2.5</b>	-0.96	0.13	<b>21.0</b>	-1.84	0.48	<b>7.2</b>	-1.35	0.11	<b>7.8</b>	-1.40	0.19	<b>6.9</b>	-1.34	0.09	
Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	5.14			33.5			12.5			13.0			12.4			
<b>Median Abs Dev</b>	1.69			2.5			2.5			2.7			2.9			
<b>Avg Within Lab SD</b>	0.64			1.2			1.1			1.4			0.7			
<b>Labs Included</b>	28			28			27			27			28			
<b>Labs Reporting</b>	28			28			27			27			28			



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>BY444N</b>	<b>8.0</b>		1.00	<b>30.0</b>		1.00	<b>17.8</b>		1.00	<b>17.4</b>		1.00	<b>16.8</b>		1.00			

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	8.01			30.0			17.8			17.4			16.8					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.35			0.5			0.5			0.1			0.1					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					





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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>BY444N</b>	<b>3.2</b>		1.00	<b>16.4</b>		1.00	<b>7.6</b>		1.00	<b>8.3</b>		1.00	<b>6.8</b>		1.00			
Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	3.25			16.4			7.64			8.29			6.81					
<b>Median Abs Dev</b>	0.30			0.4			0.27			0.17			0.12					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



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Available Water Content (SubTestCode 194) in the Moisture Property Groups															Data units: %
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4WZZBZ</b>	<b>1.49</b>		0.11	<b>6.85</b>		0.22	<b>100.30</b>		2.00	<b>2.68</b>		0.44	<b>2.51</b>		0.38
<b>724LC3</b>							<b>2.76</b>		0.00	<b>2.43</b>		0.15			
<b>BY444N</b>	<b>4.76</b>		0.76	<b>13.56</b>		1.67	<b>10.14</b>		0.00	<b>9.13</b>		1.88	<b>10.03</b>		1.58
<b>PL9VZF</b>	<b>1.84</b>		1.55	<b>6.66</b>		0.42	<b>3.30</b>		0.00	<b>2.77</b>		0.48	<b>2.71</b>		0.59
Available Water Content (SubTestCode 194) in the Moisture Property Groups															Data units: %
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215		
<b>Grand Median</b>	1.84			6.85			6.72			2.73			2.71		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.09			0.16			84.31			0.10			0.11		
<b>Labs Included</b>	3			3			4			4			3		
<b>Labs Reporting</b>	3			3			4			4			3		



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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
													SRS2215		
SRS2211				SRS2212				SRS2213				SRS2214			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>MDMQE</b>	<b>741.2</b>		0.55	<b>496.9</b>		0.49	<b>1,031.2</b>		1.01	<b>497.5</b>		0.63	<b>312.0</b>		0.64
<b>H</b>															
<b>Y8Y834</b>	<b>710.3</b>		1.30	<b>514.3</b>		1.33	<b>1,036.7</b>		0.99	<b>577.7</b>		1.27	<b>380.0</b>		1.26
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
													SRS2215		
SRS2211				SRS2212				SRS2213				SRS2214			
<b>Grand Median</b>	725.8			505.6			1,034.0			537.6			346.0		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	50.4			26.8			19.9			36.6			14.3		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups													Data units: mg/kg		
													SRS2215		
SRS2211				SRS2212			SRS2213			SRS2214					
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7LVRKT</b>	<b>1.76</b>		1.00	<b>6.86</b>		1.02	<b>1.78</b>		1.34	<b>3.49</b>		1.41	<b>2.47</b>		0.00
<b>9KBWU3</b>	<b>4.47</b>		1.00	<b>6.27</b>		0.98	<b>2.23</b>		0.46	<b>5.27</b>		0.13	<b>3.43</b>		1.41
Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups													Data units: mg/kg		
													SRS2215		
SRS2211				SRS2212			SRS2213			SRS2214					
<b>Grand Median</b>	3.11			6.56			2.01			4.38			2.95		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.40			0.26			0.13			0.45			0.08		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>7M3C78</b>	<b>13.0</b>		1.22	<b>13.0</b>		0.22	<b>126.7</b>		1.03	<b>17.3</b>		0.73	<b>8.5</b>		0.12	
<b>7PTBQX</b>	<b>17.0</b>			<b>7.0</b>			<b>143.3</b>		0.47	<b>18.7</b>		0.28	<b>6.7</b>		0.11	
<b>FJEPTC</b>	<b>21.3</b>		0.71	<b>21.0</b>		1.40	<b>70.3</b>		1.31	<b>22.3</b>		1.54	<b>14.3</b>		1.72	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS2211			SRS2212			SRS2213			SRS2214			SRS2215			
<b>Grand Median</b>	17.0			13.0			126.7			18.7			8.53			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.8			4.5			2.4			2.1			5.36			
<b>Labs Included</b>	3			3			3			3			3			
<b>Labs Reporting</b>	3			3			3			3			3			



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7PTBQX</b>	<b>3.00</b>			<b>7.00</b>						<b>2.00</b>						<b>29.00</b>		
<b>Y8Y834</b>	<b>0.38</b>		1.00	<b>6.57</b>		1.00	<b>0.20</b>		1.00	<b>1.53</b>		1.00	<b>13.80</b>		1.00			
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2211				SRS2212				SRS2213				SRS2214				SRS2215		
<b>Grand Median</b>	1.69			6.78			0.20			1.77			21.4					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.04			0.66			0.08			1.97			2.9					
<b>Labs Included</b>	2			2			1			2			2					
<b>Labs Reporting</b>	2			2			1			2			2					



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Dry Matter (%) (SubTestCode 201)													Data units: Percent		
WebCode	SRB2209			SRB2210			SRB2211			SRB2212					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>48ZQUM</b>	<b>92.7</b>	1.18	2.56	<b>94.5</b>	-0.04	1.30	<b>94.3</b>	-0.42	0.15	<b>93.6</b>	-0.27	0.27			
<b>6DJHEK</b>	<b>91.3</b>	-0.16	0.07	<b>94.9</b>	0.74	0.38	<b>95.3</b>	0.71	0.40	<b>94.5</b>	0.80	0.38			
<b>6ECAP7</b>	<b>92.3</b>	0.82	0.00	<b>94.9</b>	0.83	0.00	<b>95.0</b>	0.35		<b>94.4</b>	0.70	0.00			
<b>7PTBQX</b>	<b>91.5</b>	0.07	0.00	<b>94.5</b>	0.04	0.00	<b>95.0</b>	0.34	0.00	<b>94.0</b>	0.27	0.00			
<b>DB7DJA</b>	<b>91.4</b>	-0.07	0.60	<b>94.1</b>	-0.72	0.95	<b>93.7</b>	-1.02	0.13	<b>93.0</b>	-0.96	0.12			
<b>L7RLR9</b>	<b>91.7</b>	0.27	0.06	<b>94.6</b>	0.28	0.11	<b>95.1</b>	0.42	0.02	<b>94.2</b>	0.45	0.11			
<b>LLZKW7</b>	<b>90.3</b>	-1.17		<b>94.4</b>	-0.09		<b>94.7</b>	0.00		<b>94.0</b>	0.28				
<b>M9R2U6</b>	<b>91.5</b>	0.00	0.20	<b>94.4</b>	-0.11	0.23	<b>93.5</b>	-1.22	2.89	<b>93.6</b>	-0.27	0.27			
<b>MDMQE H</b>	<b>91.4</b>	-0.09	0.15	<b>94.4</b>	-0.09	0.06	<b>94.6</b>	-0.04	0.04	<b>93.8</b>	0.00	0.19			
<b>NUNAAC</b>	<b>91.6</b>	0.12	0.88	<b>94.7</b>	0.45	1.57	<b>94.7</b>	0.02	0.33	<b>93.7</b>	-0.08	1.95			
<b>R9V879</b>	<b>90.1</b>	-1.29	2.05	<b>93.6</b>	-1.87	2.39	<b>92.8</b>	-1.99	1.52	<b>92.1</b>	-2.01	2.79			
<b>REKR93</b>	<b>92.1</b>	0.62	0.00	<b>95.9</b>	2.83	0.00	<b>94.7</b>	0.03	0.00	<b>94.4</b>	0.70	0.00			
<b>VEQDAZ</b>	<b>88.5</b>	-2.91	0.17	<b>91.9</b>	-5.11X	0.08	<b>92.5</b>	-2.22	0.09	<b>92.1</b>	-1.98	0.19			

Dry Matter (%) (SubTestCode 201)													Data units: Percent		
	SRB2209			SRB2210			SRB2211			SRB2212					
<b>Grand Median</b>	91.5			94.5			94.7			93.8					
<b>Median Abs Dev</b>	0.3			0.2			0.4			0.4					
<b>Avg Within Lab SD</b>	0.3			0.2			0.4			0.2					
<b>Labs Included</b>	13			12			13			13					
<b>Labs Reporting</b>	13			13			13			13					





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NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4HGHEP	13.6	0.00	0.24	4.8	-0.51	0.07	53.9	-0.88	0.67	4,373.3	0.00	0.52	
6DJHEK	6.5	-0.30	0.11	7.1	-0.45	0.05	89.6	0.47	0.23	4,563.1	0.42	0.07	
7M3C78	45.0	1.30	1.57	57.7	0.98	0.65	91.0	0.53	0.33	4,008.7	-0.81	0.91	
DB7DJA	223.0	8.66X	0.88	60.1	1.05	0.17	31.4	-1.74	0.16	6,253.3	4.15X	0.18	
FEFB42	3.7	-0.41	0.05				77.1	0.00	0.08	4,778.3	0.89	0.05	
L7RLR9	3.3	-0.42	0.05	6.6	-0.46	0.07	78.9	0.07	0.33	4,357.4	-0.04	0.26	
L9EA7U	26.8	0.55	0.00	22.9	0.00	0.00	74.6	-0.10	0.00	4,254.9	-0.26	0.00	
LWYD8H	33.3	0.82	0.85	23.3	0.01	0.25	92.3	0.58	1.14	4,622.3	0.55	0.30	
M9R2U6	13.0	-0.03	0.06	10.9	-0.34	0.02	57.3	-0.75	0.14	4,581.3	0.46	0.31	
NUNAAC	39.0	1.05	1.98	107.6	2.39	2.40	113.3	1.38	2.51	4,477.3	0.23	2.51	
P7CJPP	39.5	1.07	0.38	44.2	0.60	0.56	99.4	0.85	0.81	4,426.7	0.12	0.73	
UJQ3D3	4,189.0	172.63X	0.77							103.9	-9.43X	0.01	
Y8Y834	10.3	-0.14	0.10	7.7	-0.43	0.53	70.0	-0.27	1.93	3,731.3	-1.42	0.58	
YCQELC	2.1	-0.47	0.45	1.0	-0.62		46.5	-1.16	0.45	2,911.7	-3.23	2.12	
YECBT3	67.3	2.22	2.34	55.3	0.92	2.26	167.7	3.44X	1.52	4,217.0	-0.35	0.04	

NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
	SRB2209			SRB2210			SRB2211			SRB2212			
Grand Median	13.6			22.9			77.1			4,373.3			
Median Abs Dev	11.5			18.1			15.2			189.8			
Avg Within Lab SD	5.6			9.4			9.0			188.5			
Labs Included	13			13			13			13			
Labs Reporting	15			13			14			15			



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NO3 - N ISE (SubTestCode 203)											Data units: mg/kg
SRB2209			SRB2210			SRB2211			SRB2212		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>7PTBQX</b>	<b>20.0</b>			<b>26.7</b>		0.88	<b>136.7</b>		0.47	<b>4,016.7</b>	0.31
<b>9KBWU3</b>	<b>267.0</b>		1.71	<b>247.0</b>		1.72	<b>449.7</b>		1.88	<b>5,186.7</b>	0.62
<b>R9V879</b>	<b>154.6</b>		0.26	<b>177.9</b>		0.27	<b>237.2</b>		0.41	<b>4,006.9</b>	1.77
<b>WAQN2R</b>	<b>5.0</b>		0.05	<b>11.9</b>		0.45	<b>107.5</b>		0.25	<b>4,585.1</b>	0.61
NO3 - N ISE (SubTestCode 203)											Data units: mg/kg
SRB2209			SRB2210			SRB2211			SRB2212		
<b>Grand Median</b>	87.3		102.3			186.9			4,300.9		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	8.6		6.6			12.3			93.1		
<b>Labs Included</b>	4		4			4			4		
<b>Labs Reporting</b>	4		4			4			4		



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NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
SRB2209			SRB2210			SRB2211			SRB2212		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>6ECAP7</b>							<b>0.0</b>	0.00		<b>3,488.0</b>	0.24
<b>LLZKW7</b>	<b>69.6</b>		0.92	<b>58.3</b>		0.17	<b>142.0</b>		0.34	<b>4,753.9</b>	0.66
<b>MDMQE</b>	<b>20.0</b>		1.08	<b>1,440.0</b>		1.40	<b>1,408.3</b>		1.70	<b>4,588.3</b>	1.58
<b>H</b>											
NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
SRB2209			SRB2210			SRB2211			SRB2212		
<b>Grand Median</b>	44.8			749.2			142.0			4,588.3	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	8.0			12.3			20.7			51.4	
<b>Labs Included</b>	2			2			3			3	
<b>Labs Reporting</b>	2			2			3			3	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

NH4-N (SubTestCode 205)										Data units: mg/kg	
SRB2209			SRB2210			SRB2211			SRB2212		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>48ZQUM</b>							<b>592.7</b>		1.55	<b>2,222.7</b>	1.49
<b>L9EA7U</b>	<b>22.3</b>		0.00	<b>48.5</b>			<b>454.2</b>		0.00	<b>1,554.4</b>	0.00
<b>M9R2U6</b>	<b>13.2</b>		1.41	<b>31.7</b>		1.00	<b>329.9</b>		0.78	<b>1,235.3</b>	0.88
NH4-N (SubTestCode 205)										Data units: mg/kg	
SRB2209		SRB2210		SRB2211		SRB2212					
<b>Grand Median</b>	17.7			40.1			454.2			1,554.4	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.1			0.7			5.5			11.6	
<b>Labs Included</b>	2			2			3			3	
<b>Labs Reporting</b>	2			2			3			3	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

PO4 - P (SubTestCode 206)												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>7PTBQX</b>	<b>880.0</b>	11.54X	1.87	<b>349.7</b>	-0.27	0.30	<b>455.7</b>	0.39	0.53	<b>6,343.3</b>	-1.03	1.46	
<b>9KBWU3</b>	<b>63.3</b>	-0.70	1.20	<b>276.7</b>	-1.57	2.57	<b>360.0</b>	-0.98	1.68	<b>7,326.7</b>	-0.36	1.29	
<b>DB7DJA</b>	<b>246.3</b>	2.04	1.27	<b>480.3</b>	2.07	0.76	<b>577.0</b>	2.12	0.91	<b>5,856.0</b>	-1.36	1.06	
<b>LWYD8H</b>	<b>110.0</b>	0.00	1.03	<b>365.3</b>	0.01	0.10	<b>425.0</b>	-0.05	0.19	<b>9,131.0</b>	0.86	0.47	
<b>P7CJPP</b>	<b>108.2</b>	-0.03	0.65	<b>365.7</b>	0.02	0.09	<b>380.7</b>	-0.68	1.56	<b>7,033.3</b>	-0.56	1.10	
<b>Y8Y834</b>	<b>102.3</b>	-0.11	0.28	<b>363.7</b>	-0.01	0.22	<b>431.7</b>	0.05	1.15	<b>8,551.3</b>	0.47	0.66	
<b>YCQELC</b>	<b>188.7</b>	1.18	1.13	<b>430.7</b>	1.18	0.74	<b>491.3</b>	0.90	0.50	<b>8,449.3</b>	0.40	1.00	
<b>YECBT3</b>	<b>154.0</b>	0.66	1.06	<b>350.7</b>	-0.25	0.31	<b>412.0</b>	-0.23	0.18	<b>8,385.7</b>	0.36	0.48	

PO4 - P (SubTestCode 206)					Data units: mg/kg			
	SRB2209		SRB2210		SRB2211		SRB2212	
<b>Grand Median</b>	110.0		364.5		428.3		7,856.2	
<b>Median Abs Dev</b>	44.0		14.3		37.5		759.0	
<b>Avg Within Lab SD</b>	12.8		24.7		20.6		347.8	
<b>Labs Included</b>	7		8		8		8	
<b>Labs Reporting</b>	8		8		8		8	



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>7PTBQX</b>	<b>56.3</b>		0.86	<b>227.7</b>		1.26	<b>333.7</b>		0.22	<b>2,278.3</b>	1.34
<b>R9V879</b>	<b>101.2</b>		1.13	<b>342.7</b>		0.64	<b>459.2</b>		1.40	<b>2,898.7</b>	0.46
SO4 - S (SubTestCode 207)										Data units: mg/kg	
	SRB2209			SRB2210			SRB2211			SRB2212	
<b>Grand Median</b>	78.7			285.2			396.4			2,588.5	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	4.7			12.2			6.8			158.5	
<b>Labs Included</b>	2			2			2			2	
<b>Labs Reporting</b>	2			2			2			2	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

CI (SubTestCode 208)												Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
36DR2X	0.035	-1.15		0.049	-0.14		0.016	-0.34		0.130	-1.05		
3RQMRF	0.065	0.66	1.02	0.070	-0.03	0.00	0.045	0.00	0.36	0.195	0.75	1.07	
48ZQUM	0.082	1.69	1.79	0.105	0.15	0.11	0.225	2.10	0.57	0.110	-1.59	0.65	
6ECAP7	0.043	-0.64	0.83	0.060	-0.08	0.00	0.030	-0.17	0.00	0.150	-0.49	0.00	
7PTBQX	0.054	0.00	0.00	0.075	0.00	0.02	0.027	-0.21	0.00	0.242	2.06	0.06	
9KBWU3	0.057	0.16	1.67	0.063	-0.06	0.44	0.047	0.02	0.77	0.180	0.34	1.01	
FEFB42	0.039	-0.91	0.14	3.117	15.74X	0.44	1.259	14.13X	1.52	2.263	58.00X	6.24	
LLZKW7	0.049	-0.32	0.13	0.129	0.28	0.06	0.079	0.39	0.04	0.168	0.00	0.12	
LWYD8H	0.067	0.77	0.83	0.077	0.01	0.17	0.050	0.06	0.50	0.167	-0.03	0.58	
M9R2U6	0.047	-0.43	0.23	0.060	-0.08	0.11	0.027	-0.21	0.06	0.168	0.00	0.09	
MDMQE H	0.063	0.56	0.83	0.070	-0.03	0.00	0.030	-0.17	0.00	0.170	0.06	0.00	
P7CJPP	0.010	-2.66X	0.00	0.900	4.27	2.88	0.267	2.58	2.90	0.233	1.82	2.91	
YCQELC	0.033	-1.25	0.83	0.743	3.46	1.83	0.260	2.50	1.51	0.163	-0.12	0.29	
YECBT3	0.058	0.22	1.45	0.114	0.20	0.30	0.044	-0.01	0.15	0.184	0.45	0.73	

CI (SubTestCode 208)												Data units: Percent	
	SRB2209			SRB2210			SRB2211			SRB2212			
Grand Median	0.054			0.075			0.045			0.17			
Median Abs Dev	0.011			0.015			0.018			0.02			
Avg Within Lab SD	0.007			0.035			0.020			0.02			
Labs Included	13			13			13			13			
Labs Reporting	14			14			14			14			



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TKN (SubTestCode 209)												Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>46W3BQ</b>	<b>1.95</b>	0.52	0.24	<b>1.48</b>	0.98	0.48	<b>2.14</b>	0.82	0.27	<b>6.31</b>	1.19	0.12	
<b>4HGHEP</b>	<b>1.89</b>	0.06	1.28	<b>1.39</b>	-0.09	2.36	<b>2.00</b>	-0.28	1.79	<b>5.69</b>	-0.31	1.38	
<b>7PTBQX</b>	<b>1.87</b>	-0.10	0.24	<b>1.36</b>	-0.37	0.55	<b>2.04</b>	0.05	0.17	<b>5.95</b>	0.31	0.26	
<b>M9R2U6</b>	<b>2.09</b>	1.70	0.28	<b>1.50</b>	1.13	0.20	<b>2.18</b>	1.13	0.42	<b>6.38</b>	1.37	0.51	
<b>P7CJPP</b>	<b>2.08</b>	1.63	1.04	<b>1.53</b>	1.46	1.30	<b>2.22</b>	1.45	0.16	<b>5.96</b>	0.34	1.50	
<b>RWY4X9</b>	<b>1.87</b>	-0.06	0.01	<b>1.40</b>	0.09	0.06	<b>2.03</b>	-0.05	0.04	<b>5.66</b>	-0.39	0.03	
<b>T8VTTE</b>	<b>1.73</b>	-1.21	2.22	<b>1.30</b>	-1.03	0.30	<b>1.89</b>	-1.10	2.10	<b>5.46</b>	-0.87	1.86	
<b>VEQDAZ</b>	<b>1.87</b>	-0.10	0.42	<b>1.37</b>	-0.27	0.31	<b>1.96</b>	-0.53	0.31	<b>5.57</b>	-0.60	0.19	

TKN (SubTestCode 209)					Data units: Percent			
	SRB2209		SRB2210		SRB2211		SRB2212	
<b>Grand Median</b>	1.88		1.39		2.03		5.82	
<b>Median Abs Dev</b>	0.04		0.06		0.09		0.20	
<b>Avg Within Lab SD</b>	0.05		0.03		0.04		0.08	
<b>Labs Included</b>	8		8		8		8	
<b>Labs Reporting</b>	8		8		8		8	





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**N- Dry Comb. (SubTestCode 210)**

**Data units: Percent**

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>36DR2X</b>										<b>6.12</b>	-0.65	0.48
<b>3RENYR</b>	<b>2.06</b>	0.68	0.65	<b>1.51</b>	0.36	0.13	<b>2.19</b>	0.90	0.13	<b>6.43</b>	0.55	0.78
<b>3RQMRF</b>	<b>2.19</b>	1.72	1.11	<b>1.72</b>	3.12	0.82	<b>2.46</b>	4.05X	0.93	<b>6.40</b>	0.42	1.19
<b>48ZQUM</b>	<b>2.06</b>	0.68	0.48	<b>1.52</b>	0.46	0.23	<b>2.22</b>	1.21	0.00	<b>6.83</b>	2.07	0.42
<b>6DJHEK</b>	<b>1.84</b>	-1.10	0.22	<b>1.37</b>	-1.59	0.32	<b>1.97</b>	-1.72	0.48	<b>6.21</b>	-0.31	0.37
<b>6ECAP7</b>	<b>1.90</b>	-0.59	1.13	<b>1.46</b>	-0.41	0.35	<b>2.02</b>	-1.12	1.96	<b>6.21</b>	-0.32	0.83
<b>7PTBQX</b>	<b>1.88</b>	-0.78	0.02	<b>1.42</b>	-0.91	0.21	<b>2.07</b>	-0.59	0.20	<b>6.23</b>	-0.23	0.17
<b>93P9K8</b>	<b>2.11</b>	1.14	0.48	<b>1.56</b>	1.00	0.23	<b>2.24</b>	1.45	0.44	<b>6.71</b>	1.60	0.49
<b>9KBWU3</b>	<b>1.92</b>	-0.40	0.36	<b>1.49</b>	0.00	1.10	<b>2.13</b>	0.11	0.70	<b>6.20</b>	-0.36	0.93
<b>AYPKG7</b>	<b>1.94</b>	-0.24	0.18	<b>1.49</b>	0.00	0.13	<b>2.14</b>	0.30	0.13	<b>6.29</b>	0.00	0.45
<b>DB7DJA</b>	<b>1.89</b>	-0.64	0.48	<b>1.44</b>	-0.68	0.27	<b>2.08</b>	-0.49	0.33	<b>6.22</b>	-0.26	0.51
<b>FEFB42</b>	<b>1.89</b>	-0.67	0.31	<b>1.43</b>	-0.77	0.23	<b>1.99</b>	-1.51	1.53	<b>6.04</b>	-0.95	1.27
<b>H298Q7</b>	<b>2.10</b>	1.00	0.36	<b>1.65</b>	2.28	1.05	<b>2.18</b>	0.70	0.33	<b>5.92</b>	-1.41	0.19
<b>JYYG23</b>	<b>2.05</b>	0.66	1.64	<b>1.49</b>	0.05	2.39	<b>2.16</b>	0.50	1.52	<b>6.60</b>	1.18	3.78
<b>L7RLR9</b>	<b>1.97</b>	-0.06	0.71	<b>1.43</b>	-0.77	0.29	<b>2.08</b>	-0.46	0.58	<b>6.56</b>	1.05	0.63
<b>L9EA7U</b>	<b>1.99</b>	0.16	0.00	<b>1.52</b>	0.39	0.00	<b>2.17</b>	0.56	0.00	<b>6.36</b>	0.25	0.00
<b>LK6WHG</b>	<b>12.41</b>	84.30X	1.46	<b>9.54</b>	110.10X	0.23	<b>13.62</b>	136.14X	0.31	<b>40.27</b>	130.88X	1.20
<b>LLZKW7</b>	<b>2.08</b>	0.87	0.08	<b>1.49</b>	0.05	0.19	<b>2.13</b>	0.10	0.27	<b>6.57</b>	1.07	0.53
<b>LWYD8H</b>	<b>1.91</b>	-0.48	0.18	<b>1.45</b>	-0.50	0.46	<b>2.09</b>	-0.29	0.33	<b>6.47</b>	0.68	0.39
<b>M9R2U6</b>	<b>2.11</b>	1.11	0.62	<b>1.54</b>	0.77	0.17	<b>2.25</b>	1.58	0.21	<b>6.79</b>	1.91	0.07
<b>MDMQE H</b>	<b>2.02</b>	0.41	0.18	<b>1.54</b>	0.68	0.13	<b>2.22</b>	1.21	0.00	<b>6.59</b>	1.16	0.45
<b>MWE2ZW</b>	<b>1.92</b>	-0.44	0.48	<b>1.48</b>	-0.04	1.32	<b>2.05</b>	-0.84	1.34	<b>6.16</b>	-0.49	1.95
<b>NUNAAC</b>	<b>2.08</b>	0.83	0.62	<b>1.50</b>	0.18	0.32	<b>2.18</b>	0.77	0.07	<b>6.62</b>	1.28	0.36
<b>PRRX6W</b>	<b>2.04</b>	0.57	1.61	<b>1.54</b>	0.77	0.27	<b>2.14</b>	0.22	0.55	<b>6.19</b>	-0.39	1.02
<b>R9V879</b>	<b>1.93</b>	-0.35	0.91	<b>1.46</b>	-0.31	3.99	<b>2.07</b>	-0.51	3.63	<b>6.22</b>	-0.26	0.85



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N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>RWY4X9</b>	<b>2.12</b>	1.22	0.18	<b>1.57</b>	1.09	0.27	<b>2.11</b>	-0.13	0.25	<b>6.36</b>	0.27	0.29		
<b>T8VTTE</b>	<b>1.98</b>	0.06	0.34	<b>1.48</b>	-0.04	0.45	<b>2.12</b>	0.00	0.20	<b>6.18</b>	-0.42	0.91		
<b>UJQ3D3</b>	<b>1.83</b>	-1.15	0.83	<b>1.45</b>	-0.50	0.23	<b>2.11</b>	-0.09	0.44	<b>6.60</b>	1.21	0.26		
<b>WAQN2R</b>	<b>2.98</b>	8.16X	0.18	<b>1.93</b>	6.01X	0.13	<b>2.46</b>	4.09X	0.33	<b>4.45</b>	-7.07X	0.42		
<b>XAP99R</b>	<b>1.87</b>	-0.81	1.39	<b>1.36</b>	-1.71	0.60	<b>2.04</b>	-0.97	0.66	<b>6.20</b>	-0.35	0.55		
<b>XK8TNG</b>	<b>1.87</b>	-0.83	1.36	<b>1.47</b>	-0.27	0.71	<b>2.11</b>	-0.05	0.25	<b>6.26</b>	-0.13	0.51		
<b>XTF3EV</b>	<b>1.96</b>	-0.13	1.10	<b>1.44</b>	-0.59	1.05	<b>2.04</b>	-0.96	1.54	<b>6.23</b>	-0.24	1.15		
<b>Y8Y834</b>	<b>1.89</b>	-0.64	2.55	<b>1.48</b>	-0.09	0.23	<b>2.10</b>	-0.21	0.76	<b>6.28</b>	-0.05	0.26		
<b>YCQELC</b>	<b>2.11</b>	1.08	2.82	<b>1.57</b>	1.18	1.49	<b>2.18</b>	0.70	1.28	<b>6.41</b>	0.48	1.36		
<b>YECBT3</b>	<b>1.99</b>	0.10	0.09	<b>1.49</b>	0.00	0.05	<b>2.18</b>	0.68	0.15	<b>6.36</b>	0.26	0.83		

N- Dry Comb. (SubTestCode 210)					Data units: Percent	
	SRB2209		SRB2210		SRB2212	
<b>Grand Median</b>	1.97		1.49		2.12	
<b>Median Abs Dev</b>	0.08		0.04		0.05	
<b>Avg Within Lab SD</b>	0.03		0.04		0.05	
<b>Labs Included</b>	32		32		31	
<b>Labs Reporting</b>	34		34		34	



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>36DR2X</b>	<b>0.17</b>		1.38	<b>0.14</b>		0.00	<b>0.20</b>		1.41	<b>0.78</b>	0.48
<b>6DJHEK</b>	<b>0.18</b>		0.29	<b>0.15</b>		1.41	<b>0.19</b>		0.00	<b>0.57</b>	1.33
S- Dry Comb. (SubTestCode 211)										Data units: Percent	
	SRB2209			SRB2210			SRB2211			SRB2212	
<b>Grand Median</b>	0.17			0.14			0.19			0.67	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.02			0.00			0.01			0.01	
<b>Labs Included</b>	2			2			2			2	
<b>Labs Reporting</b>	2			2			2			2	



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### P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>	<b>0.31</b>	-0.59	0.00	<b>0.10</b>	-0.94	0.00	<b>0.17</b>	-0.66	1.36	<b>1.09</b>	-0.72	0.33
<b>3TK9K8</b>	<b>0.31</b>	-0.59	0.80	<b>0.11</b>	-0.11	0.30	<b>0.17</b>	-0.31	0.40	<b>1.14</b>	-0.22	0.36
<b>3YQ2GN</b>	<b>0.34</b>	0.38	2.65	<b>0.11</b>	0.10	2.39	<b>0.18</b>	0.63	1.82	<b>1.41</b>	2.27	3.04
<b>48ZQUM</b>	<b>0.36</b>	1.06	0.72	<b>0.13</b>	1.89	0.15	<b>0.19</b>	1.44	0.40	<b>1.33</b>	1.51	0.72
<b>4HGHEP</b>	<b>0.30</b>	-0.83	1.27	<b>0.10</b>	-1.20	0.47	<b>0.16</b>	-0.79	1.11	<b>1.13</b>	-0.32	1.35
<b>6DJHEK</b>	<b>0.33</b>	0.25	0.20	<b>0.11</b>	0.04	0.07	<b>0.18</b>	0.22	0.02	<b>1.09</b>	-0.74	0.03
<b>6ECAP7</b>	<b>0.36</b>	1.25	0.83	<b>0.12</b>	0.87	0.84	<b>0.19</b>	1.31	0.00	<b>1.21</b>	0.42	0.27
<b>7M3C78</b>	<b>0.31</b>	-0.71	1.27	<b>0.09</b>	-1.67	2.23	<b>0.12</b>	-4.19X	1.92	<b>1.08</b>	-0.81	0.84
<b>7PTBQX</b>	<b>0.32</b>	-0.17	0.21	<b>0.11</b>	-0.29	0.00	<b>0.17</b>	0.00	0.11	<b>1.07</b>	-0.86	0.06
<b>93P9K8</b>	<b>0.31</b>	-0.73	0.76	<b>0.10</b>	-0.54	0.34	<b>0.17</b>	-0.39	0.56	<b>1.19</b>	0.16	0.09
<b>AYPKG7</b>	<b>0.32</b>	-0.09	0.31	<b>0.11</b>	-0.29	0.00	<b>0.17</b>	0.10	0.29	<b>1.17</b>	0.01	0.17
<b>DB7DJA</b>	<b>0.36</b>	1.25	0.83	<b>0.12</b>	1.24	1.46	<b>0.19</b>	1.05	1.11	<b>1.36</b>	1.78	1.87
<b>FEFB42</b>	<b>0.32</b>	-0.22	0.00	<b>0.11</b>	0.15	0.00	<b>0.17</b>	-0.26	0.00	<b>1.18</b>	0.15	0.13
<b>GGKFWF</b>	<b>0.29</b>	-1.15	0.11	<b>0.09</b>	-1.54	0.24	<b>0.15</b>	-1.52	0.38	<b>1.12</b>	-0.43	0.38
<b>H298Q7</b>	<b>0.34</b>	0.51	0.00	<b>0.12</b>	0.87	0.84	<b>0.19</b>	1.05	1.11	<b>1.13</b>	-0.38	0.36
<b>JYYG23</b>	<b>0.34</b>	0.45	1.63	<b>0.11</b>	0.58	0.64	<b>0.18</b>	0.45	1.45	<b>1.32</b>	1.38	2.53
<b>L7RLR9</b>	<b>0.37</b>	1.48	0.96	<b>0.12</b>	1.06	0.68	<b>0.17</b>	-0.53	1.11	<b>1.11</b>	-0.49	1.33
<b>L9EA7U</b>	<b>0.33</b>	0.18	0.00	<b>0.11</b>	-0.07	0.00	<b>0.18</b>	0.29	0.00	<b>1.17</b>	0.01	0.00
<b>LK6WHG</b>	<b>0.31</b>	-0.47	0.44	<b>0.09</b>	-1.57	0.42	<b>0.15</b>	-1.68	0.49	<b>1.14</b>	-0.28	0.20
<b>LLZKW7</b>	<b>0.34</b>	0.36	0.11	<b>0.11</b>	0.32	0.29	<b>0.17</b>	0.05	0.17	<b>1.17</b>	0.00	0.47
<b>LWYD8H</b>	<b>0.34</b>	0.44	0.79	<b>0.11</b>	0.04	0.25	<b>0.18</b>	0.24	0.40	<b>1.18</b>	0.15	0.27
<b>M9R2U6</b>	<b>0.35</b>	0.84	0.22	<b>0.11</b>	0.29	0.22	<b>0.18</b>	0.39	0.11	<b>1.21</b>	0.42	0.13
<b>MDMQE H</b>	<b>0.34</b>	0.51	0.00	<b>0.11</b>	-0.22	0.84	<b>0.17</b>	0.00	1.11	<b>1.32</b>	1.41	0.23
<b>MWE2ZW</b>	<b>0.28</b>	-1.68	1.46	<b>0.11</b>	0.40	3.71	<b>0.15</b>	-1.76	0.33	<b>1.07</b>	-0.92	0.75
<b>NUNAAC</b>	<b>0.38</b>	2.12	1.45	<b>0.12</b>	1.24	1.66	<b>0.19</b>	1.65	1.60	<b>1.28</b>	1.06	1.03



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>P7CJPP</b>	<b>0.33</b>	0.02	2.09	<b>0.11</b>	0.51	0.84	<b>0.18</b>	0.26	1.11	<b>1.08</b>	-0.84	1.10		
<b>PRRX6W</b>	<b>0.32</b>	-0.34	0.48	<b>0.11</b>	0.15	0.00	<b>0.18</b>	0.26	1.11	<b>1.10</b>	-0.59	0.36		
<b>REKR93</b>	<b>0.36</b>	1.13	0.68	<b>0.11</b>	0.00	0.08	<b>0.19</b>	1.15	1.33	<b>1.34</b>	1.56	1.35		
<b>RWY4X9</b>	<b>0.35</b>	1.05	0.02	<b>0.15</b>	4.53X	1.08	<b>0.20</b>	2.44	1.58	<b>1.31</b>	1.31	0.16		
<b>UJQ3D3</b>	<b>0.30</b>	-0.89	0.10	<b>0.10</b>	-0.76	0.45	<b>0.16</b>	-0.71	0.78	<b>1.06</b>	-1.02	0.37		
<b>VEQDAZ</b>	<b>0.34</b>	0.51	0.83	<b>0.11</b>	-0.22	0.84	<b>0.17</b>	-0.26	1.92	<b>1.17</b>	0.02	0.47		
<b>WAQN2R</b>	<b>0.32</b>	-0.30	0.58	<b>0.10</b>	-0.74	0.73	<b>0.17</b>	-0.22	0.72	<b>1.12</b>	-0.40	0.60		
<b>XAP99R</b>	<b>0.33</b>	-0.02	0.42	<b>0.10</b>	-0.59	0.23	<b>0.17</b>	-0.30	0.86	<b>1.17</b>	0.00	0.62		
<b>XK8TNG</b>	<b>0.30</b>	-0.80	0.35	<b>0.10</b>	-1.20	0.42	<b>0.16</b>	-1.05	1.50	<b>1.06</b>	-0.96	1.28		
<b>XTF3EV</b>	<b>0.31</b>	-0.47	0.48	<b>0.11</b>	0.15	0.00	<b>0.17</b>	0.00	1.11	<b>1.18</b>	0.15	0.36		
<b>Y8Y834</b>	<b>0.33</b>	0.10	2.71	<b>0.13</b>	1.82	1.11	<b>0.17</b>	0.08	1.56	<b>1.14</b>	-0.25	1.82		
<b>YCQELC</b>	<b>0.32</b>	-0.10	1.27	<b>0.10</b>	-0.62	0.39	<b>0.17</b>	-0.52	1.11	<b>1.22</b>	0.52	1.41		
<b>YECBT3</b>	<b>0.28</b>	-1.57	0.29	<b>0.10</b>	-0.69	0.22	<b>0.16</b>	-0.94	0.29	<b>1.05</b>	-1.11	0.12		

P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent	
	SRB2209			SRB2210			SRB2211			SRB2212				
<b>Grand Median</b>	0.33			0.11			0.17			1.17				
<b>Median Abs Dev</b>	0.01			0.01			0.01			0.05				
<b>Avg Within Lab SD</b>	0.01			0.01			0.01			0.04				
<b>Labs Included</b>	38			37			37			38				
<b>Labs Reporting</b>	38			38			38			38				



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### K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>	<b>0.23</b>	-1.24	0.85	<b>0.59</b>	-0.64	0.00	<b>0.65</b>	-0.41	0.32	<b>3.54</b>	-1.37	2.50
<b>3TK9K8</b>	<b>0.25</b>	-0.54	0.38	<b>0.60</b>	-0.54	0.70	<b>0.64</b>	-0.50	0.13	<b>3.90</b>	-0.44	0.17
<b>3YQ2GN</b>	<b>0.26</b>	0.09	1.60	<b>0.65</b>	0.64	3.27	<b>0.72</b>	0.93	1.99	<b>4.88</b>	2.03	2.92
<b>48ZQUM</b>	<b>0.26</b>	-0.08	0.00	<b>0.68</b>	1.25	0.20	<b>0.70</b>	0.54	0.45	<b>4.50</b>	1.06	0.54
<b>4HGHEP</b>	<b>0.24</b>	-0.72	0.92	<b>0.59</b>	-0.71	0.87	<b>0.64</b>	-0.55	0.68	<b>4.00</b>	-0.20	1.16
<b>6DJHEK</b>	<b>0.26</b>	0.00	0.12	<b>0.65</b>	0.50	0.05	<b>0.69</b>	0.32	0.10	<b>3.72</b>	-0.90	0.14
<b>6ECAP7</b>	<b>0.25</b>	-0.46	0.60	<b>0.62</b>	-0.03	0.00	<b>0.65</b>	-0.27	0.26	<b>3.98</b>	-0.24	0.14
<b>7M3C78</b>	<b>0.28</b>	0.70	2.17	<b>0.52</b>	-2.07	1.39	<b>0.57</b>	-1.76	2.01	<b>3.44</b>	-1.62	0.44
<b>7PTBQX</b>	<b>0.26</b>	-0.05	0.03	<b>0.65</b>	0.67	0.09	<b>0.71</b>	0.79	0.11	<b>4.15</b>	0.18	0.09
<b>93P9K8</b>	<b>0.26</b>	-0.18	0.24	<b>0.62</b>	-0.14	0.46	<b>0.66</b>	-0.22	0.25	<b>4.28</b>	0.51	0.10
<b>AYPKG7</b>	<b>0.26</b>	-0.08	0.00	<b>0.65</b>	0.64	0.20	<b>0.70</b>	0.54	0.45	<b>4.29</b>	0.54	0.19
<b>DB7DJA</b>	<b>0.28</b>	0.83	3.91	<b>0.71</b>	1.73	2.56	<b>0.69</b>	0.31	2.87	<b>4.93</b>	2.14	1.67
<b>FEFB42</b>	<b>0.29</b>	1.08	0.60	<b>0.66</b>	0.78	0.35	<b>0.71</b>	0.65	0.26	<b>4.13</b>	0.14	0.23
<b>GGKFWF</b>	<b>0.27</b>	0.33	0.06	<b>0.68</b>	1.14	0.24	<b>0.72</b>	0.80	0.08	<b>4.14</b>	0.15	0.16
<b>H298Q7</b>	<b>0.18</b>	-3.04X	0.35	<b>0.61</b>	-0.17	1.00	<b>0.57</b>	-1.70	0.45	<b>4.15</b>	0.17	0.08
<b>JYYG23</b>	<b>0.27</b>	0.43	1.08	<b>0.66</b>	0.76	1.39	<b>0.67</b>	-0.04	0.79	<b>4.24</b>	0.42	1.96
<b>L7RLR9</b>	<b>0.29</b>	1.23	1.05	<b>0.67</b>	1.05	0.87	<b>0.67</b>	-0.01	0.70	<b>3.70</b>	-0.95	1.42
<b>L9EA7U</b>	<b>0.26</b>	-0.08	0.00	<b>0.63</b>	0.17	0.00	<b>0.68</b>	0.19	0.00	<b>4.12</b>	0.11	0.00
<b>LK6WHG</b>	<b>0.21</b>	-1.91	0.01	<b>0.55</b>	-1.40	0.07	<b>0.57</b>	-1.67	0.12	<b>3.59</b>	-1.24	0.28
<b>LLZKW7</b>	<b>0.28</b>	0.51	0.21	<b>0.61</b>	-0.28	0.31	<b>0.66</b>	-0.19	0.13	<b>4.11</b>	0.08	0.84
<b>LWYD8H</b>	<b>0.27</b>	0.34	0.63	<b>0.62</b>	-0.04	0.37	<b>0.67</b>	0.01	0.69	<b>4.04</b>	-0.10	0.33
<b>M9R2U6</b>	<b>0.28</b>	0.62	0.21	<b>0.66</b>	0.83	0.24	<b>0.71</b>	0.74	0.37	<b>4.26</b>	0.46	0.28
<b>MDMQE H</b>	<b>0.26</b>	0.05	0.35	<b>0.67</b>	0.91	0.20	<b>0.71</b>	0.71	0.00	<b>4.13</b>	0.12	0.17
<b>MWE2ZW</b>	<b>0.22</b>	-1.49	0.92	<b>0.53</b>	-1.86	2.08	<b>0.59</b>	-1.42	2.11	<b>3.25</b>	-2.10	1.24
<b>NUNAAC</b>	<b>0.32</b>	2.12	1.93	<b>0.65</b>	0.58	1.73	<b>0.73</b>	1.11	1.81	<b>4.38</b>	0.75	1.37



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### K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>P7CJPP</b>	<b>0.30</b>	1.47	0.60	<b>0.67</b>	0.98	1.39	<b>0.76</b>	1.63	0.93	<b>3.83</b>	-0.62	1.51
<b>PRRX6W</b>	<b>0.30</b>	1.47	0.00	<b>0.60</b>	-0.44	0.00	<b>0.60</b>	-1.19	0.00	<b>4.00</b>	-0.20	
<b>REKR93</b>	<b>0.29</b>	0.96	0.25	<b>0.62</b>	-0.01	0.24	<b>0.71</b>	0.76	0.97	<b>4.53</b>	1.14	1.33
<b>RWY4X9</b>	<b>0.26</b>	-0.01	0.06	<b>0.63</b>	0.26	0.05	<b>0.68</b>	0.18	0.59	<b>4.16</b>	0.21	0.15
<b>UJQ3D3</b>	<b>0.24</b>	-0.68	0.13	<b>0.62</b>	-0.13	0.16	<b>0.63</b>	-0.61	0.30	<b>3.79</b>	-0.74	0.16
<b>VEQDAZ</b>	<b>0.28</b>	0.83	1.25	<b>0.69</b>	1.39	0.92	<b>0.74</b>	1.23	0.89	<b>4.40</b>	0.81	0.53
<b>WAQN2R</b>	<b>0.24</b>	-0.69	0.42	<b>0.62</b>	0.01	1.34	<b>0.68</b>	0.11	0.41	<b>4.05</b>	-0.08	0.22
<b>XAP99R</b>	<b>0.23</b>	-1.36	0.57	<b>0.54</b>	-1.72	0.27	<b>0.61</b>	-0.93	1.36	<b>3.68</b>	-1.01	0.78
<b>XK8TNG</b>	<b>0.24</b>	-0.68	0.23	<b>0.61</b>	-0.18	0.75	<b>0.63</b>	-0.66	1.90	<b>3.69</b>	-0.98	0.07
<b>XTF3EV</b>	<b>0.26</b>	-0.20	0.35	<b>0.62</b>	-0.03	0.35	<b>0.65</b>	-0.27	0.68	<b>3.95</b>	-0.32	0.12
<b>Y8Y834</b>	<b>0.27</b>	0.27	0.58	<b>0.62</b>	-0.02	0.10	<b>0.67</b>	-0.05	0.64	<b>4.01</b>	-0.18	0.25
<b>YCQELC</b>	<b>0.27</b>	0.31	1.20	<b>0.64</b>	0.35	0.57	<b>0.71</b>	0.65	1.12	<b>4.24</b>	0.42	1.41
<b>YECBT3</b>	<b>0.24</b>	-0.89	0.06	<b>0.59</b>	-0.56	0.12	<b>0.61</b>	-0.99	0.14	<b>3.72</b>	-0.89	0.18

### K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB2209	SRB2210	SRB2211	SRB2212
<b>Grand Median</b>	0.26	0.62	0.67	4.08
<b>Median Abs Dev</b>	0.02	0.03	0.04	0.19
<b>Avg Within Lab SD</b>	0.02	0.03	0.02	0.15
<b>Labs Included</b>	37	38	38	38
<b>Labs Reporting</b>	38	38	38	38



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Ca (SubTestCode 214) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3RQMRF	0.02	0.49	0.00	2.46	-0.32	0.20	0.49	-0.59	0.00	1.11	-1.04	0.25	
3TK9K8	0.01	-0.28	0.02	2.42	-0.48	0.44	0.48	-0.78	0.50	1.15	-0.60	0.21	
3YQ2GN	0.01	-0.18	0.08	2.52	0.00	3.43	0.52	-0.07	1.55	1.36	1.44	1.45	
48ZQUM				2.85	1.51	0.36	0.56	0.52	0.34	1.31	0.97	0.48	
4HGHEP	0.01	-0.13	0.10	2.30	-1.04	0.95	0.47	-0.92	0.59	1.17	-0.47	1.04	
6DJHEK	0.02	0.17	0.01	3.27	3.47X	0.09	0.68	2.65X	0.07	1.55	3.39X	0.11	
6ECAP7	0.01	-0.28	0.00	2.33	-0.92	0.24	0.50	-0.37	0.34	1.11	-1.01	0.10	
7M3C78	0.02	0.49	0.96	2.22	-1.40	0.81	0.42	-1.76	1.56	1.00	-2.11	0.85	
7PTBQX	0.01	-0.10	0.06	2.37	-0.73	0.08	0.50	-0.46	0.18	1.16	-0.53	0.11	
93P9K8	0.01	0.00	0.06	2.40	-0.59	0.36	0.50	-0.48	0.25	1.13	-0.81	0.06	
DB7DJA	0.02	0.23	1.11	2.94	1.93	2.19	0.61	1.36	0.90	1.35	1.37	2.19	
FEFB42	0.01	-0.28	0.00	2.63	0.51	0.15	0.53	0.08	0.00	1.21	0.00	0.21	
GGKFWF	0.04	2.05	0.40	2.82	1.37	0.08	0.52	-0.02	0.31	1.25	0.36	0.37	
H298Q7	0.02	0.49	0.00	2.78	1.18	0.44	0.55	0.47	0.68	1.19	-0.20	0.21	
JYYG23	0.02	0.36	0.64	2.75	1.05	1.52	0.51	-0.22	0.80	1.39	1.73	4.33	
L7RLR9	0.02	0.63	0.65	2.64	0.52	0.23	0.54	0.29	1.31	1.22	0.05	0.95	
L9EA7U	0.01	-0.28	0.00	2.58	0.26	0.00	0.51	-0.26	0.00	1.18	-0.34	0.00	
LK6WHG	0.00	-0.84	0.06	2.23	-1.37	0.27	0.44	-1.37	0.16	1.06	-1.53	0.19	
LLZKW7	0.02	0.44	0.04	2.70	0.82	0.34	0.54	0.23	0.22	1.23	0.20	0.30	
LWYD8H	0.03	1.15	0.63	2.51	-0.06	0.41	0.54	0.25	1.22	1.22	0.03	0.27	
M9R2U6	0.01	-0.08	0.06	2.58	0.28	0.29	0.54	0.31	0.26	1.27	0.52	0.22	
MDMQE H	0.00	-0.97	0.00	2.62	0.47	0.15	0.53	0.02	0.34	1.26	0.47	0.18	
MWE2ZW	0.11	7.38X	3.48	2.52	-0.02	1.25	0.57	0.74	2.71	1.25	0.40	0.81	
NUNAAC	0.11	7.63X	3.91	2.54	0.06	2.06	0.64	1.94	1.23	1.38	1.70	1.01	
P7CJPP	0.07	4.57	1.11	2.53	0.03	1.33	0.64	1.97	1.90	1.24	0.27	1.36	





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### Ca (SubTestCode 214) in the Wet Digestion Property Groups Data units: Percent

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>PRRX6W</b>	<b>0.10</b>	6.61X	0.00	<b>2.50</b>	-0.11		<b>0.60</b>	1.24	0.00	<b>1.20</b>	-0.13	0.00
<b>REKR93</b>	<b>0.01</b>	-0.08	0.05	<b>2.39</b>	-0.61	0.31	<b>0.51</b>	-0.27	1.02	<b>1.26</b>	0.50	0.37
<b>RWY4X9</b>	<b>0.01</b>	0.08	0.01	<b>2.73</b>	0.97	0.16	<b>0.55</b>	0.42	0.56	<b>1.22</b>	0.03	0.31
<b>UJQ3D3</b>	<b>0.01</b>	-0.28	0.00	<b>2.38</b>	-0.68	0.29	<b>0.50</b>	-0.38	0.45	<b>1.11</b>	-1.05	0.11
<b>VEQDAZ</b>	<b>0.04</b>	2.02	0.96	<b>2.53</b>	0.03	0.41	<b>0.64</b>	1.97	2.24	<b>1.20</b>	-0.13	0.36
<b>WAQN2R</b>	<b>0.01</b>	-0.50	0.11	<b>2.31</b>	-0.99	1.21	<b>0.47</b>	-0.90	0.36	<b>1.10</b>	-1.14	0.28
<b>XAP99R</b>	<b>0.01</b>	-0.24	0.07	<b>2.75</b>	1.06	0.60	<b>0.54</b>	0.20	0.52	<b>1.22</b>	0.04	0.50
<b>XK8TNG</b>	<b>0.03</b>	1.10	0.10	<b>2.28</b>	-1.13	0.69	<b>0.48</b>	-0.72	1.84	<b>1.08</b>	-1.37	1.26
<b>XTF3EV</b>	<b>0.01</b>	-0.28	0.00	<b>2.52</b>	0.00	0.43	<b>0.52</b>	-0.09	0.59	<b>1.19</b>	-0.23	0.31
<b>Y8Y834</b>	<b>0.05</b>	2.60	5.15	<b>2.44</b>	-0.40	1.39	<b>0.60</b>	1.27	1.11	<b>1.21</b>	0.00	0.45
<b>YCQELC</b>	<b>0.02</b>	0.10	0.84	<b>2.70</b>	0.82	0.92	<b>0.56</b>	0.58	0.59	<b>1.25</b>	0.37	0.82
<b>YECBT3</b>	<b>0.01</b>	-0.51	0.10	<b>2.40</b>	-0.57	0.21	<b>0.48</b>	-0.76	0.18	<b>1.10</b>	-1.13	0.08

### Ca (SubTestCode 214) in the Wet Digestion Property Groups Data units: Percent

	SRB2209	SRB2210	SRB2211	SRB2212
<b>Grand Median</b>	0.014	2.52	0.53	1.21
<b>Median Abs Dev</b>	0.004	0.13	0.03	0.05
<b>Avg Within Lab SD</b>	0.010	0.11	0.02	0.06
<b>Labs Included</b>	33	36	36	36
<b>Labs Reporting</b>	36	37	37	37



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Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>0.13</b>	-0.88	0.91	<b>0.20</b>	-0.95	0.00	<b>0.16</b>	-1.22	0.00	<b>0.44</b>	-1.08	0.34	
<b>3TK9K8</b>	<b>0.13</b>	-0.23	0.20	<b>0.24</b>	1.04	1.11	<b>0.19</b>	0.40	0.92	<b>0.50</b>	0.47	0.19	
<b>3YQ2GN</b>	<b>0.14</b>	0.28	1.53	<b>0.23</b>	0.62	3.84	<b>0.19</b>	0.36	1.27	<b>0.58</b>	2.12	2.38	
<b>48ZQUM</b>	<b>0.15</b>	0.98	0.41	<b>0.25</b>	1.57	0.27	<b>0.19</b>	0.80	0.38	<b>0.53</b>	1.01	0.51	
<b>4HGHEP</b>	<b>0.13</b>	-0.25	0.74	<b>0.21</b>	-0.58	0.58	<b>0.17</b>	-0.59	0.00	<b>0.48</b>	0.01	1.20	
<b>6DJHEK</b>	<b>0.18</b>	3.49X	0.09	<b>0.28</b>	3.44X	0.11	<b>0.23</b>	2.89X	0.07	<b>0.62</b>	3.01X	0.08	
<b>6ECAP7</b>	<b>0.13</b>	-0.75	0.74	<b>0.20</b>	-0.95	0.00	<b>0.16</b>	-1.22	0.00	<b>0.43</b>	-1.19	0.00	
<b>7M3C78</b>	<b>0.13</b>	-0.50	1.28	<b>0.18</b>	-2.07	1.00	<b>0.15</b>	-2.06	2.22	<b>0.40</b>	-1.79	0.99	
<b>7PTBQX</b>	<b>0.13</b>	-0.28	0.13	<b>0.20</b>	-0.73	0.00	<b>0.17</b>	-0.57	0.08	<b>0.47</b>	-0.34	0.10	
<b>93P9K8</b>	<b>0.13</b>	-0.30	0.58	<b>0.21</b>	-0.15	0.38	<b>0.17</b>	-0.40	0.38	<b>0.47</b>	-0.29	0.17	
<b>DB7DJA</b>	<b>0.17</b>	2.76X	0.74	<b>0.29</b>	3.90X	3.07	<b>0.23</b>	3.41X	2.22	<b>0.61</b>	2.78X	3.05	
<b>FEFB42</b>	<b>0.14</b>	0.25	0.00	<b>0.22</b>	0.35	0.58	<b>0.18</b>	0.04	0.00	<b>0.49</b>	0.16	0.00	
<b>GGKFWF</b>	<b>0.12</b>	-1.02	0.22	<b>0.22</b>	0.38	0.18	<b>0.17</b>	-0.80	0.07	<b>0.49</b>	0.24	0.06	
<b>H298Q7</b>	<b>0.14</b>	0.00	0.74	<b>0.22</b>	-0.02	0.58	<b>0.17</b>	-0.38	0.84	<b>0.45</b>	-0.82	0.27	
<b>JYYG23</b>	<b>0.14</b>	0.50	1.49	<b>0.23</b>	0.49	1.08	<b>0.18</b>	0.00	0.97	<b>0.54</b>	1.20	4.05	
<b>L7RLR9</b>	<b>0.16</b>	1.40	0.42	<b>0.23</b>	0.66	0.33	<b>0.18</b>	0.23	1.10	<b>0.48</b>	-0.15	0.76	
<b>L9EA7U</b>	<b>0.14</b>	0.25	0.00	<b>0.22</b>	0.17	0.00	<b>0.18</b>	0.04	0.00	<b>0.49</b>	0.16	0.00	
<b>LK6WHG</b>	<b>0.13</b>	-0.55	2.87	<b>0.20</b>	-1.19	0.14	<b>0.15</b>	-1.66	0.35	<b>0.43</b>	-1.30	0.03	
<b>LLZKW7</b>	<b>0.13</b>	-0.23	0.04	<b>0.21</b>	-0.18	0.31	<b>0.17</b>	-0.84	0.10	<b>0.46</b>	-0.54	0.32	
<b>LWYD8H</b>	<b>0.14</b>	0.00	0.41	<b>0.21</b>	-0.37	0.32	<b>0.17</b>	-0.29	0.88	<b>0.47</b>	-0.31	0.31	
<b>M9R2U6</b>	<b>0.15</b>	0.95	0.20	<b>0.23</b>	0.47	0.25	<b>0.18</b>	0.25	0.22	<b>0.50</b>	0.38	0.08	
<b>MDMQE H</b>	<b>0.15</b>	1.00	0.00	<b>0.22</b>	0.35	0.58	<b>0.18</b>	0.25	0.84	<b>0.52</b>	0.83	0.00	
<b>MWE2ZW</b>	<b>0.15</b>	0.66	2.63	<b>0.22</b>	0.35	2.53	<b>0.19</b>	0.67	2.91	<b>0.49</b>	0.23	0.73	
<b>NUNAAC</b>	<b>0.17</b>	2.41	1.69	<b>0.24</b>	1.42	1.92	<b>0.21</b>	1.83	1.60	<b>0.55</b>	1.53	1.20	
<b>P7CJPP</b>	<b>0.16</b>	1.76	1.28	<b>0.23</b>	0.73	1.00	<b>0.21</b>	1.73	0.84	<b>0.50</b>	0.38	1.43	



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>PRRX6W</b>	<b>0.15</b>	1.00	0.00	<b>0.23</b>	0.73	0.00	<b>0.19</b>	0.67	0.00	<b>0.47</b>	-0.29	0.00		
<b>REKR93</b>	<b>0.15</b>	1.00	0.56	<b>0.22</b>	0.00	0.30	<b>0.19</b>	0.46	1.18	<b>0.51</b>	0.62	0.93		
<b>RWY4X9</b>	<b>0.15</b>	0.78	0.14	<b>0.24</b>	1.11	0.17	<b>0.19</b>	0.52	0.23	<b>0.51</b>	0.67	0.30		
<b>UJQ3D3</b>	<b>0.12</b>	-0.93	0.20	<b>0.20</b>	-1.10	0.21	<b>0.16</b>	-1.26	0.22	<b>0.44</b>	-0.88	0.46		
<b>VEQDAZ</b>	<b>0.12</b>	-1.00	1.96	<b>0.18</b>	-1.88	0.58	<b>0.18</b>	0.04	1.45	<b>0.40</b>	-1.87	0.48		
<b>WAQN2R</b>	<b>0.13</b>	-0.32	0.26	<b>0.21</b>	-0.34	1.28	<b>0.17</b>	-0.28	0.34	<b>0.48</b>	-0.14	0.36		
<b>XAP99R</b>	<b>0.13</b>	-0.19	0.15	<b>0.22</b>	0.00	0.25	<b>0.17</b>	-0.33	0.13	<b>0.48</b>	0.00	0.33		
<b>XK8TNG</b>	<b>0.13</b>	-0.18	0.27	<b>0.21</b>	-0.32	0.71	<b>0.17</b>	-0.76	1.53	<b>0.44</b>	-0.93	1.32		
<b>XTF3EV</b>	<b>0.14</b>	0.25	0.00	<b>0.21</b>	-0.21	0.58	<b>0.17</b>	-0.59	1.45	<b>0.48</b>	-0.14	0.27		
<b>Y8Y834</b>	<b>0.15</b>	0.75	0.85	<b>0.22</b>	0.39	0.80	<b>0.18</b>	0.29	0.15	<b>0.49</b>	0.20	0.74		
<b>YCQELC</b>	<b>0.15</b>	1.25	0.74	<b>0.24</b>	1.29	0.00	<b>0.20</b>	1.09	1.68	<b>0.52</b>	0.76	1.10		
<b>YECBT3</b>	<b>0.13</b>	-0.50	0.26	<b>0.21</b>	-0.45	0.27	<b>0.17</b>	-0.65	0.15	<b>0.46</b>	-0.58	0.29		

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2209	SRB2210	SRB2211	SRB2212		
<b>Grand Median</b>	0.14	0.22	0.18	0.48		
<b>Median Abs Dev</b>	0.01	0.01	0.01	0.02		
<b>Avg Within Lab SD</b>	0.01	0.01	0.01	0.02		
<b>Labs Included</b>	35	35	35	35		
<b>Labs Reporting</b>	37	37	37	37		



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### S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3RQMRF	0.13	-0.77	0.00	0.12	-0.82	0.00	0.16	-0.56	1.73	0.54	-0.39	0.00
3YQ2GN	0.14	0.46	1.62	0.14	0.51	0.00	0.18	1.40	1.87	0.70	2.66	1.78
48ZQUM	0.14	0.46	0.81	0.14	0.51	0.00	0.17	0.28	0.00	0.61	1.01	0.41
4HGHEP	0.12	-2.01	0.81	0.12	-0.60	0.78	0.14	-1.96	0.71	0.52	-0.83	0.90
6DJHEK	0.14	0.06	0.10	0.17	2.22	0.05	0.17	0.35	0.07	0.55	-0.22	0.06
6ECAP7	0.14	0.15	0.00	0.14	0.51	0.00	0.17	0.28	0.00	0.58	0.31	0.21
7M3C78	0.13	-0.77	1.40	0.12	-0.82	1.35	0.15	-1.40	1.22	0.49	-1.28	0.54
7PTBQX	0.13	-0.43	0.08	0.13	-0.38	0.08	0.17	0.28	0.00	0.56	0.02	0.07
93P9K8	0.13	-0.77	0.74	0.14	0.42	0.43	0.17	-0.06	0.24	0.56	-0.02	0.11
9KBWU3	0.14	0.15	0.00	0.12	-0.60	0.78	0.17	0.00	0.71	0.60	0.82	0.54
DB7DJA	0.14	0.15	0.00	0.18	3.15X	1.35	0.18	1.12	0.00	0.65	1.65	1.35
FEFB42	0.14	0.15	0.00	0.13	0.07	0.78	0.17	0.28	0.00	0.59	0.57	0.00
GGKFWF	0.11	-3.07X	0.31	0.10	-1.98	0.08	0.13	-2.79	0.11	0.51	-0.90	0.09
H298Q7	0.13	-0.77	0.00	0.16	2.05	0.78	0.16	-0.28	0.71	0.50	-1.09	0.41
JYYG23	0.14	0.19	1.27	0.13	-0.24	1.60	0.17	0.20	2.14	0.63	1.37	4.36
L7RLR9	0.15	1.23	0.37	0.15	1.09	0.34	0.17	0.16	0.81	0.57	0.18	0.74
L9EA7U	0.14	0.15	0.00	0.13	-0.15	0.00	0.18	1.12	0.00	0.61	0.95	0.00
LK6WHG	0.11	-2.58	0.70	0.12	-0.59	0.47	0.13	-3.19X	0.51	0.54	-0.42	0.88
LLZKW7	0.14	0.16	0.14	0.13	0.04	0.32	0.16	-0.36	0.15	0.56	-0.10	0.43
LWYD8H	0.13	-1.11	0.53	0.13	-0.07	0.28	0.16	-0.78	0.25	0.54	-0.32	0.21
M9R2U6	0.15	1.11	0.08	0.13	0.00	0.21	0.18	1.12	0.12	0.61	1.00	0.09
MDMQE H	0.13	-0.77	0.00	0.13	-0.15	0.00	0.16	-0.56	0.00	0.55	-0.26	0.21
MWE2ZW	0.15	0.77	3.52	0.16	1.61	4.11	0.17	0.56	3.08	0.56	-0.07	1.44
NUNAAC	0.15	1.21	0.91	0.15	1.10	1.98	0.18	1.34	0.99	0.62	1.14	0.74
P7CJPP	0.14	0.46	1.62	0.13	-0.15	1.35	0.17	0.56	0.71	0.59	0.57	0.62



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S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>PRRX6W</b>	<b>0.14</b>	-0.15	0.81	<b>0.14</b>	0.51	0.00	<b>0.16</b>	-0.28	0.71	<b>0.53</b>	-0.58	0.00	
<b>REKR93</b>	<b>0.16</b>	1.86	0.70	<b>0.14</b>	0.18	0.13	<b>0.19</b>	2.07	0.62	<b>0.70</b>	2.64	0.70	
<b>RWY4X9</b>	<b>0.14</b>	0.33	0.23	<b>0.15</b>	1.36	0.59	<b>0.17</b>	-0.06	0.82	<b>0.56</b>	0.09	0.25	
<b>UJQ3D3</b>	<b>0.13</b>	-0.96	0.14	<b>0.16</b>	1.63	1.10	<b>0.16</b>	-0.87	0.31	<b>0.53</b>	-0.63	0.18	
<b>WAQN2R</b>	<b>0.13</b>	-0.73	0.21	<b>0.12</b>	-0.57	0.97	<b>0.17</b>	0.04	0.50	<b>0.57</b>	0.11	0.29	
<b>XAP99R</b>	<b>0.13</b>	-0.66	1.13	<b>0.12</b>	-0.97	0.84	<b>0.16</b>	-0.79	1.09	<b>0.55</b>	-0.25	0.55	
<b>XK8TNG</b>	<b>0.14</b>	-0.19	0.32	<b>0.12</b>	-0.66	0.54	<b>0.16</b>	-0.28	1.03	<b>0.55</b>	-0.25	0.89	
<b>XTF3EV</b>	<b>0.13</b>	-0.46	0.81	<b>0.13</b>	0.07	0.78	<b>0.17</b>	0.56	0.71	<b>0.61</b>	0.88	0.21	
<b>Y8Y834</b>	<b>0.14</b>	0.00	2.49	<b>0.13</b>	-0.29	0.23	<b>0.16</b>	-0.31	0.98	<b>0.55</b>	-0.13	1.31	
<b>YCQELC</b>	<b>0.13</b>	-0.46	0.81	<b>0.14</b>	0.29	0.78	<b>0.16</b>	-0.28	1.87	<b>0.58</b>	0.31	1.44	
<b>YECBT3</b>	<b>0.13</b>	-0.90	0.21	<b>0.13</b>	-0.44	0.21	<b>0.16</b>	-0.25	0.19	<b>0.55</b>	-0.27	0.06	

S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent
	SRB2209	SRB2210	SRB2211	SRB2212	
<b>Grand Median</b>	0.14	0.13	0.17	0.56	
<b>Median Abs Dev</b>	0.01	0.01	0.00	0.03	
<b>Avg Within Lab SD</b>	0.01	0.01	0.01	0.03	
<b>Labs Included</b>	35	35	35	36	
<b>Labs Reporting</b>	36	36	36	36	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>				<b>0.010</b>	1.06	0.00	<b>0.010</b>	1.77	0.00	<b>0.010</b>	1.56	0.00
<b>3TK9K8</b>	<b>0.001</b>	-0.47	0.01	<b>0.005</b>	-0.66	0.03	<b>0.004</b>	-0.49	0.06	<b>0.006</b>	-0.37	0.05
<b>3YQ2GN</b>	<b>0.001</b>	-0.47	0.00	<b>0.005</b>	-0.65	0.04	<b>0.004</b>	-0.52	0.03	<b>0.006</b>	-0.33	0.05
<b>6DJHEK</b>	<b>0.001</b>	-0.41	0.09	<b>0.006</b>	-0.38	0.01	<b>0.005</b>	-0.13	0.09	<b>0.007</b>	-0.05	0.05
<b>6ECAP7</b>	<b>0.003</b>	-0.07	0.42	<b>0.008</b>	0.49	0.72	<b>0.007</b>	0.49	0.32	<b>0.009</b>	0.94	0.49
<b>7M3C78</b>	<b>0.007</b>	0.79	1.46	<b>0.008</b>	0.37	0.63	<b>0.008</b>	0.87	0.85	<b>0.007</b>	0.16	0.85
<b>7PTBQX</b>	<b>0.003</b>	0.00	0.00	<b>0.007</b>	0.02	0.00	<b>0.004</b>	-0.53	0.00	<b>0.007</b>	0.00	0.49
<b>93P9K8</b>				<b>0.005</b>	-0.68	0.25	<b>0.004</b>	-0.65	0.00	<b>0.006</b>	-0.42	0.21
<b>DB7DJA</b>	<b>0.028</b>	5.01X	1.12	<b>0.031</b>	8.23X	1.30	<b>0.032</b>	10.06X	2.11	<b>0.030</b>	11.09X	1.30
<b>FEFB42</b>	<b>0.010</b>	1.38	0.00	<b>0.010</b>	1.06	0.00	<b>0.010</b>	1.77	0.00	<b>0.010</b>	1.56	0.00
<b>GGKFWF</b>				<b>0.002</b>	-1.86	0.76				<b>0.001</b>	-2.78	0.20
<b>L7RLR9</b>	<b>0.020</b>	3.28	1.60	<b>0.012</b>	1.87	3.76	<b>0.006</b>	0.13	1.58	<b>0.005</b>	-0.58	0.17
<b>L9EA7U</b>	<b>0.003</b>	0.00	0.00	<b>0.012</b>	1.76	0.00	<b>0.006</b>	0.24	0.00	<b>0.006</b>	-0.31	0.00
<b>LLZKW7</b>	<b>0.002</b>	-0.28	0.09	<b>0.005</b>	-0.53	0.07	<b>0.005</b>	-0.18	0.09	<b>0.006</b>	-0.42	0.10
<b>LWYD8H</b>	<b>0.004</b>	0.13	0.42	<b>0.008</b>	0.26	0.36	<b>0.008</b>	1.00	0.56	<b>0.008</b>	0.78	0.49
<b>M9R2U6</b>	<b>0.001</b>	-0.47	0.04	<b>0.005</b>	-0.53	0.06	<b>0.005</b>	-0.33	0.06	<b>0.006</b>	-0.23	0.05
<b>MDMQE H</b>	<b>0.000</b>	-0.54	0.04	<b>0.005</b>	-0.74	0.00	<b>0.004</b>	-0.52	0.03	<b>0.006</b>	-0.41	0.00
<b>MWE2ZW</b>	<b>0.015</b>	2.37	3.66	<b>0.008</b>	0.37	1.25	<b>0.008</b>	0.87	1.40	<b>0.009</b>	0.94	2.99
<b>P7CJPP</b>	<b>0.010</b>	1.38	0.00	<b>0.010</b>	1.06	0.00	<b>0.013</b>	3.04	3.21	<b>0.010</b>	1.56	0.00
<b>REKR93</b>				<b>0.005</b>	-0.53	0.00	<b>0.005</b>	-0.21	0.13	<b>0.007</b>	0.02	0.31
<b>RWY4X9</b>	<b>0.002</b>	-0.12	0.05	<b>0.007</b>	0.00	0.06	<b>0.007</b>	0.61	0.05	<b>0.009</b>	0.96	0.06
<b>UJQ3D3</b>	<b>0.001</b>	-0.40	0.00	<b>0.006</b>	-0.21	0.36	<b>0.005</b>	-0.15	0.00	<b>0.008</b>	0.47	0.49
<b>WAQN2R</b>	<b>0.003</b>	0.04	0.90	<b>0.008</b>	0.21	0.17	<b>0.006</b>	0.42	0.22	<b>0.008</b>	0.60	0.18
<b>XAP99R</b>	<b>0.000</b>	-0.51	0.00	<b>0.004</b>	-0.85	0.10	<b>0.004</b>	-0.58	0.08	<b>0.005</b>	-0.78	0.09
<b>Y8Y834</b>	<b>0.004</b>	0.26	0.85	<b>0.005</b>	-0.67	0.63	<b>0.005</b>	-0.28	0.64	<b>0.006</b>	-0.47	0.98



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Na (SubTestCode 217) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>YCQELC</b>	<b>0.007</b>	0.79		<b>0.007</b>	0.02	2.65	<b>0.007</b>	0.43	2.75	<b>0.007</b>	0.16	3.62	
<b>YECBT3</b>	<b>0.022</b>	3.69X	1.12	<b>0.028</b>	7.31X	0.63	<b>0.026</b>	7.89X	0.56	<b>0.027</b>	9.68X	0.49	
Na (SubTestCode 217) in the Wet Digestion Property Groups													Data units: Percent
	SRB2209			SRB2210			SRB2211			SRB2212			
<b>Grand Median</b>	0.003			0.007			0.005			0.007			
<b>Median Abs Dev</b>	0.002			0.002			0.001			0.001			
<b>Avg Within Lab SD</b>	0.001			0.002			0.002			0.001			
<b>Labs Included</b>	21			25			24			25			
<b>Labs Reporting</b>	23			27			26			27			



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AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>21.1</b>	3.33		<b>84.6</b>	1.22		<b>82.9</b>	1.54		<b>29.4</b>	1.11		
<b>3TK9K8</b>	<b>7.0</b>	0.17	0.18	<b>75.6</b>	0.78	0.40	<b>67.2</b>	0.42	0.50	<b>22.3</b>	0.32	0.35	
<b>3YQ2GN</b>	<b>5.7</b>	-0.13	0.57	<b>59.6</b>	0.00	2.99	<b>62.1</b>	0.05	0.86	<b>19.8</b>	0.04	1.63	
<b>48ZQUM</b>				<b>55.0</b>	-0.23	0.72	<b>53.0</b>	-0.60	0.46	<b>22.9</b>	0.38	0.73	
<b>6DJHEK</b>	<b>7.3</b>	0.24	0.70	<b>70.9</b>	0.55	0.79	<b>69.0</b>	0.54	0.37	<b>20.8</b>	0.16	1.45	
<b>6ECAP7</b>				<b>52.3</b>	-0.36	0.15	<b>51.0</b>	-0.75	0.38				
<b>7PTBQX</b>	<b>5.7</b>	-0.13	0.64	<b>66.3</b>	0.33	0.15	<b>61.0</b>	-0.03	0.38	<b>19.0</b>	-0.04		
<b>93P9K8</b>				<b>57.7</b>	-0.09	0.52	<b>61.3</b>	-0.01	0.60	<b>12.3</b>	-0.79	1.85	
<b>DB7DJA</b>							<b>96.0</b>	2.48	1.24	<b>48.8</b>	3.26	1.58	
<b>FEFB42</b>	<b>5.0</b>	-0.28		<b>43.3</b>	-0.80	0.41	<b>54.0</b>	-0.53	0.38	<b>13.3</b>	-0.67	0.50	
<b>L9EA7U</b>	<b>6.3</b>	0.00		<b>86.2</b>	1.30	0.00	<b>68.9</b>	0.53	0.00	<b>27.1</b>	0.85	0.00	
<b>LK6WHG</b>	<b>0.4</b>	-1.31	0.25	<b>26.8</b>	-1.61	0.28	<b>44.5</b>	-1.21	0.20	<b>1.2</b>	-2.02	0.08	
<b>LLZKW7</b>	<b>8.4</b>	0.49	2.31	<b>69.0</b>	0.46	0.35	<b>58.2</b>	-0.23	1.13	<b>16.8</b>	-0.29	0.48	
<b>LWYD8H</b>	<b>5.3</b>	-0.21	0.87	<b>51.4</b>	-0.40	0.31	<b>50.9</b>	-0.75	0.52	<b>19.6</b>	0.02	0.86	
<b>M9R2U6</b>	<b>12.9</b>	1.50	1.84	<b>76.8</b>	0.84	0.41	<b>67.4</b>	0.42	0.48	<b>23.2</b>	0.42	1.14	
<b>MDMQE H</b>	<b>0.7</b>	-1.25	0.00	<b>31.5</b>	-1.38	0.45	<b>46.6</b>	-1.06	0.08	<b>10.3</b>	-1.01	0.48	
<b>P7CJPP</b>	<b>29.5</b>	5.21X	21.88	<b>84.3</b>	1.21	2.49	<b>80.1</b>	1.34	3.27	<b>57.7</b>	4.24X	8.18	
<b>REKR93</b>	<b>6.4</b>	0.03	0.51	<b>58.2</b>	-0.07	0.37	<b>61.6</b>	0.01	0.54	<b>17.7</b>	-0.19	1.08	
<b>UJQ3D3</b>	<b>9.4</b>	0.70	0.86	<b>70.3</b>	0.52	0.33	<b>63.9</b>	0.18	0.70	<b>19.2</b>	-0.02	0.56	
<b>XAP99R</b>	<b>4.7</b>	-0.34	0.46	<b>45.9</b>	-0.67	0.36	<b>50.0</b>	-0.81	1.43	<b>14.5</b>	-0.54	0.63	





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### AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2209	SRB2210	SRB2211	SRB2212
<b>Grand Median</b>	6.25	59.6	61.4	19.4
<b>Median Abs Dev</b>	1.25	11.3	7.5	3.6
<b>Avg Within Lab SD</b>	0.90	3.8	2.6	1.2
<b>Labs Included</b>	15	19	20	18
<b>Labs Reporting</b>	16	19	20	19



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>	<b>4.2</b>	2.01	0.58	<b>20.5</b>	-1.76	0.22	<b>34.1</b>	0.28		<b>22.0</b>	0.39	0.60
<b>3TK9K8</b>	<b>0.8</b>	-0.55	0.05	<b>26.3</b>	0.20	0.10	<b>32.6</b>	-0.20	0.67	<b>22.4</b>	0.54	0.75
<b>3YQ2GN</b>	<b>0.9</b>	-0.42	0.02	<b>25.7</b>	0.00	3.17	<b>35.0</b>	0.57	1.19	<b>23.6</b>	1.03	1.29
<b>48ZQUM</b>				<b>28.6</b>	0.99	0.15	<b>35.3</b>	0.67	0.08	<b>24.9</b>	1.53	0.28
<b>4HGHEP</b>	<b>2.0</b>	0.40	0.08	<b>26.8</b>	0.37	1.24	<b>33.3</b>	0.02	1.92	<b>21.1</b>	0.02	1.29
<b>6DJHEK</b>	<b>1.9</b>	0.28	0.07	<b>27.7</b>	0.68	0.01	<b>36.1</b>	0.91	0.07	<b>21.6</b>	0.21	0.25
<b>6ECAP7</b>	<b>2.0</b>	0.37		<b>25.3</b>	-0.12	0.49	<b>33.0</b>	-0.07		<b>20.0</b>	-0.42	
<b>7M3C78</b>	<b>3.0</b>	1.12	1.74	<b>21.0</b>	-1.59	1.70	<b>29.3</b>	-1.24	1.21	<b>17.3</b>	-1.48	1.20
<b>7PTBQX</b>	<b>1.0</b>	-0.37		<b>20.7</b>	-1.71	0.49	<b>31.0</b>	-0.71		<b>20.0</b>	-0.42	
<b>93P9K8</b>				<b>24.1</b>	-0.54	0.69	<b>31.8</b>	-0.46	0.47	<b>20.0</b>	-0.42	0.27
<b>DB7DJA</b>				<b>22.8</b>	-0.98	1.30	<b>31.5</b>	-0.54	0.52	<b>17.4</b>	-1.45	1.75
<b>FEFB42</b>	<b>1.0</b>	-0.37		<b>27.0</b>	0.44		<b>35.0</b>	0.57	0.79	<b>21.0</b>	-0.02	
<b>GGKFWF</b>				<b>23.3</b>	-0.83	0.63	<b>30.3</b>	-0.92	0.89	<b>15.1</b>	-2.38	0.23
<b>H298Q7</b>	<b>2.2</b>	0.51	0.10	<b>25.6</b>	-0.02	0.47	<b>33.3</b>	0.04	0.33	<b>20.5</b>	-0.22	0.28
<b>JYYG23</b>	<b>1.5</b>	0.03	0.85	<b>28.4</b>	0.90	0.58	<b>34.8</b>	0.50	0.45	<b>22.2</b>	0.48	0.84
<b>L7RLR9</b>	<b>1.8</b>	0.19	0.05	<b>26.8</b>	0.39	0.24	<b>34.1</b>	0.29	1.24	<b>20.9</b>	-0.05	0.82
<b>L9EA7U</b>	<b>1.0</b>	-0.35	0.00	<b>26.4</b>	0.24	0.00	<b>34.6</b>	0.44	0.00	<b>21.1</b>	0.02	0.00
<b>LK6WHG</b>	<b>0.7</b>	-0.57	0.15	<b>24.7</b>	-0.35	0.40	<b>32.5</b>	-0.23	0.31	<b>20.5</b>	-0.24	0.23
<b>LLZKW7</b>	<b>1.0</b>	-0.35	0.05	<b>25.7</b>	0.00	0.32	<b>31.7</b>	-0.49	0.08	<b>20.0</b>	-0.43	0.28
<b>LWYD8H</b>	<b>1.6</b>	0.05	0.56	<b>22.7</b>	-1.02	0.39	<b>30.2</b>	-0.96	0.08	<b>19.1</b>	-0.76	0.28
<b>M9R2U6</b>	<b>0.1</b>	-1.01	0.11	<b>26.3</b>	0.19	0.55	<b>34.8</b>	0.50	0.31	<b>21.4</b>	0.13	0.01
<b>MDMQE H</b>	<b>0.6</b>	-0.67	0.08	<b>25.2</b>	-0.18	0.20	<b>33.2</b>	-0.02	0.27	<b>20.3</b>	-0.29	0.06
<b>MWE2ZW</b>	<b>4.2</b>	2.01	1.22	<b>33.7</b>	2.71X	2.98	<b>41.3</b>	2.59	3.19	<b>25.7</b>	1.84	3.70
<b>NUNAAC</b>	<b>2.7</b>	0.92	1.98	<b>26.7</b>	0.33	1.78	<b>35.7</b>	0.78	0.90	<b>23.6</b>	1.00	0.16
<b>P7CJPP</b>	<b>4.3</b>	2.11	2.80	<b>29.8</b>	1.38	2.08	<b>41.1</b>	2.50	0.53	<b>24.3</b>	1.31	0.92



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<b>B (SubTestCode 219) in the Wet Digestion Property Groups</b>												<b>Data units: mg/kg</b>	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>REKR93</b>	<b>1.0</b>	-0.35	0.10	<b>24.6</b>	-0.37	0.34	<b>33.1</b>	-0.03	0.67	<b>21.3</b>	0.10	0.31	
<b>RWY4X9</b>	<b>0.9</b>	-0.46	0.02	<b>31.6</b>	1.99	0.16	<b>33.4</b>	0.05	0.43	<b>20.1</b>	-0.38	0.06	
<b>UJQ3D3</b>	<b>1.0</b>	-0.37	0.17	<b>23.4</b>	-0.77	0.37	<b>30.2</b>	-0.95	0.68	<b>18.5</b>	-1.03	0.45	
<b>XAP99R</b>	<b>2.2</b>	0.52	0.55	<b>26.6</b>	0.32	0.82	<b>34.6</b>	0.44	0.77	<b>22.0</b>	0.37	0.60	
<b>XK8TNG</b>				<b>22.2</b>	-1.18	1.44	<b>27.5</b>	-1.81	1.98	<b>17.8</b>	-1.29	0.44	
<b>XTF3EV</b>	<b>1.0</b>	-0.37		<b>25.8</b>	0.04	0.00	<b>32.7</b>	-0.15	0.71	<b>21.2</b>	0.07	0.12	
<b>Y8Y834</b>	<b>1.5</b>	0.00	1.36	<b>25.7</b>	-0.01	0.40	<b>33.0</b>	-0.06	1.08	<b>21.5</b>	0.19	0.98	
<b>YCQELC</b>	<b>4.0</b>	1.83	2.24	<b>30.1</b>	1.50	1.53	<b>38.4</b>	1.65	1.18	<b>24.4</b>	1.32	1.97	
<b>YECBT3</b>	<b>0.2</b>	-1.00	0.15	<b>23.2</b>	-0.85	0.12	<b>29.1</b>	-1.30	0.10	<b>18.3</b>	-1.11	0.15	

<b>B (SubTestCode 219) in the Wet Digestion Property Groups</b>					<b>Data units: mg/kg</b>	
	SRB2209	SRB2210	SRB2211	SRB2212		
<b>Grand Median</b>	1.50	25.7	33.2	21.1		
<b>Median Abs Dev</b>	0.56	1.3	1.6	1.1		
<b>Avg Within Lab SD</b>	0.57	1.2	1.3	1.3		
<b>Labs Included</b>	29	33	34	34		
<b>Labs Reporting</b>	29	34	34	34		



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Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3RQMRF	32.1	0.62	0.10	18.5	-0.01		21.4	1.19		107.1	1.62	0.63	
3TK9K8	28.3	-0.64	0.57	18.0	-0.13	0.91	17.4	-0.64	0.10	87.9	-0.56	0.37	
3YQ2GN	30.6	0.13	1.91	17.8	-0.18	1.93	19.1	0.14	0.65	109.0	1.83	2.73	
48ZQUM	28.2	-0.65	0.56	26.2	2.20	0.52	20.0	0.56	0.25	99.8	0.79	0.53	
4HGHEP	38.6	2.73	0.54	30.2	3.34X	1.77	23.3	2.02	2.44	111.0	2.05	1.69	
6DJHEK	35.5	1.71	0.18	18.2	-0.07	0.22	19.7	0.43	0.15	90.9	-0.22	0.10	
6ECAP7	29.7	-0.18	0.44	18.0	-0.14		18.3	-0.20	0.48	90.7	-0.24	0.18	
7M3C78	25.0	-1.70	0.75	21.0	0.72	1.56	16.0	-1.25	0.83	60.3	-3.66X	0.76	
7PTBQX	29.6	-0.20	0.20	17.3	-0.33	0.05	18.0	-0.37	0.05	94.5	0.19	0.28	
93P9K8	30.7	0.16	1.31	19.3	0.23	1.07	18.1	-0.31	0.22	90.9	-0.21	0.14	
DB7DJA	41.6	3.73X	0.92	22.4	1.12	0.93	23.0	1.88	1.05	128.7	4.05X	1.61	
FEFB42	30.3	0.04	0.44	19.0	0.15		19.0	0.10		92.3	-0.05	0.46	
GGKFWF	25.3	-1.60	0.46	11.2	-2.06	0.17	12.7	-2.73X	0.43	82.7	-1.14	0.26	
H298Q7	29.5	-0.22	0.44	19.8	0.38	1.02	18.2	-0.28	0.34	87.4	-0.61	0.08	
JYYG23	30.2	0.00	1.57	19.8	0.37	0.98	19.7	0.43	0.44	97.7	0.55	1.61	
L7RLR9	35.8	1.82	0.86	19.9	0.41	0.39	18.2	-0.26	0.60	91.9	-0.10	1.20	
L9EA7U	30.8	0.19	0.00	19.3	0.24	0.00	19.7	0.41	0.00	97.3	0.51	0.00	
LK6WHG	24.2	-1.95	0.24	14.9	-1.01	0.43	15.5	-1.49	0.44	83.3	-1.07	0.22	
LLZKW7	30.7	0.16	0.07	18.6	0.04	0.33	18.1	-0.29	0.02	95.4	0.29	0.45	
LWYD8H	28.4	-0.58	0.36	15.4	-0.89	0.39	16.7	-0.94	0.08	93.3	0.06	0.38	
M9R2U6	31.6	0.47	0.20	18.5	0.01	0.24	18.8	0.02	0.13	98.6	0.66	0.17	
MDMQE H	30.1	-0.04	0.23	16.9	-0.46	0.10	17.8	-0.44	0.21	94.9	0.23	0.26	
MWE2ZW	29.7	-0.18	1.57	26.7	2.34	2.51	19.3	0.25	1.27	82.0	-1.22	2.48	
NUNAAC	42.0	3.85X	4.59	22.7	1.20	1.19	23.0	1.90	2.20	104.0	1.26	1.58	
P7CJPP	33.4	1.04	2.78	26.7	2.35	2.81	21.0	1.02	2.14	94.1	0.15	0.52	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>PRRX6W</b>	<b>26.7</b>	-1.16	0.44	<b>23.0</b>	1.29	0.78	<b>18.3</b>	-0.20	0.48	<b>84.3</b>	-0.95	0.46	
<b>REKR93</b>	<b>31.7</b>	0.50	0.49	<b>17.1</b>	-0.40	0.09	<b>19.0</b>	0.10	0.58	<b>97.1</b>	0.48	0.94	
<b>RWY4X9</b>	<b>30.9</b>	0.22	0.43	<b>26.2</b>	2.21	0.29	<b>24.3</b>	2.48	0.95	<b>97.0</b>	0.47	0.51	
<b>UJQ3D3</b>	<b>28.3</b>	-0.63	0.35	<b>15.3</b>	-0.90	0.33	<b>17.1</b>	-0.75	0.23	<b>77.0</b>	-1.78	0.62	
<b>VEQDAZ</b>	<b>32.3</b>	0.68	0.43	<b>18.2</b>	-0.07	0.48	<b>19.8</b>	0.45	0.38	<b>99.4</b>	0.74	0.14	
<b>WAQN2R</b>	<b>29.0</b>	-0.38	0.65	<b>17.5</b>	-0.28	1.46	<b>19.5</b>	0.31	1.80	<b>92.4</b>	-0.04	0.39	
<b>XAP99R</b>	<b>26.3</b>	-1.28	0.79	<b>15.4</b>	-0.89	0.39	<b>16.2</b>	-1.16	0.58	<b>90.4</b>	-0.28	0.44	
<b>XK8TNG</b>	<b>30.6</b>	0.12	0.64	<b>17.5</b>	-0.28	0.98	<b>19.5</b>	0.34	2.57	<b>85.1</b>	-0.87	1.14	
<b>XTF3EV</b>	<b>30.8</b>	0.20	0.61	<b>18.6</b>	0.03	0.23	<b>18.7</b>	-0.02	0.58	<b>99.7</b>	0.78	1.17	
<b>Y8Y834</b>	<b>29.6</b>	-0.19	3.22	<b>18.1</b>	-0.10	0.99	<b>17.4</b>	-0.61	1.13	<b>85.8</b>	-0.79	1.92	
<b>YCQELC</b>	<b>30.8</b>	0.19	0.64	<b>19.2</b>	0.21	0.23	<b>18.6</b>	-0.10	0.21	<b>92.8</b>	0.00	1.23	
<b>YECBT3</b>	<b>27.0</b>	-1.06	0.23	<b>16.3</b>	-0.62	0.00	<b>16.6</b>	-0.97	0.09	<b>85.5</b>	-0.83	0.09	

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2209		SRB2210		SRB2211		SRB2212	
<b>Grand Median</b>	30.2		18.5		18.8		92.8	
<b>Median Abs Dev</b>	1.4		1.3		1.0		4.9	
<b>Avg Within Lab SD</b>	1.3		1.3		1.2		3.3	
<b>Labs Included</b>	35		36		36		35	
<b>Labs Reporting</b>	37		37		37		37	



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### Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>	<b>10.5</b>	-0.46		<b>119.5</b>	-0.56		<b>133.0</b>	-0.46		<b>105.3</b>	-0.71	0.04
<b>3TK9K8</b>	<b>11.9</b>	0.04	0.26	<b>131.7</b>	0.71	0.48	<b>135.7</b>	-0.21	0.63	<b>109.7</b>	-0.26	0.36
<b>3YQ2GN</b>	<b>12.2</b>	0.16	0.72	<b>129.7</b>	0.50	3.79	<b>145.3</b>	0.69	1.67	<b>131.7</b>	2.02	2.87
<b>48ZQUM</b>	<b>12.6</b>	0.32	0.25	<b>138.3</b>	1.41	0.29	<b>147.0</b>	0.84	0.43	<b>123.7</b>	1.19	0.60
<b>4HGHEP</b>	<b>6.3</b>	-2.04	0.25	<b>114.3</b>	-1.10	1.24	<b>129.0</b>	-0.83	0.90	<b>107.7</b>	-0.46	0.90
<b>6DJHEK</b>	<b>17.5</b>	2.17	0.09	<b>174.0</b>	5.15X	0.06	<b>195.1</b>	5.33X	0.15	<b>153.4</b>	4.27X	0.23
<b>6ECAP7</b>	<b>6.3</b>	-2.04	0.40	<b>118.0</b>	-0.72	0.19	<b>130.7</b>	-0.68	0.14	<b>102.3</b>	-1.01	0.14
<b>7M3C78</b>	<b>11.0</b>	-0.28	0.69	<b>92.0</b>	-3.44	0.69	<b>114.3</b>	-2.20	1.04	<b>88.0</b>	-2.50	0.95
<b>7PTBQX</b>	<b>11.4</b>	-0.12	0.04	<b>121.6</b>	-0.34	0.09	<b>135.4</b>	-0.23	0.22	<b>109.4</b>	-0.28	0.17
<b>93P9K8</b>	<b>11.8</b>	0.03	0.80	<b>127.7</b>	0.30	0.32	<b>138.2</b>	0.02	0.70	<b>112.8</b>	0.07	0.33
<b>DB7DJA</b>	<b>11.0</b>	-0.30	1.17	<b>148.8</b>	2.51	1.35	<b>155.5</b>	1.63	1.07	<b>125.4</b>	1.37	2.34
<b>FEFB42</b>	<b>12.3</b>	0.22	0.40	<b>132.0</b>	0.75	0.19	<b>140.0</b>	0.19	0.25	<b>112.3</b>	0.02	0.14
<b>GGKFWF</b>	<b>7.6</b>	-1.55	0.06	<b>127.4</b>	0.27	0.24	<b>147.4</b>	0.88	0.45	<b>107.7</b>	-0.46	0.26
<b>H298Q7</b>	<b>11.4</b>	-0.14	0.11	<b>126.0</b>	0.12	0.99	<b>132.0</b>	-0.55	0.66	<b>102.3</b>	-1.01	0.36
<b>JYYG23</b>	<b>12.1</b>	0.13	0.29	<b>137.2</b>	1.30	0.73	<b>146.3</b>	0.78	1.91	<b>123.5</b>	1.18	2.37
<b>L7RLR9</b>	<b>13.9</b>	0.81	0.22	<b>131.1</b>	0.65	0.30	<b>138.4</b>	0.05	1.50	<b>111.6</b>	-0.06	1.21
<b>L9EA7U</b>	<b>12.0</b>	0.09		<b>131.5</b>	0.70		<b>146.3</b>	0.78	0.00	<b>115.4</b>	0.34	0.00
<b>LK6WHG</b>	<b>9.8</b>	-0.72	0.11	<b>115.6</b>	-0.97	0.20	<b>127.0</b>	-1.02	0.07	<b>104.9</b>	-0.75	0.22
<b>LLZKW7</b>	<b>12.1</b>	0.14	0.06	<b>124.7</b>	-0.01	0.29	<b>135.4</b>	-0.23	0.20	<b>108.8</b>	-0.34	0.35
<b>LWYD8H</b>	<b>10.2</b>	-0.58	0.25	<b>129.3</b>	0.47	0.51	<b>141.8</b>	0.36	0.70	<b>116.6</b>	0.46	0.52
<b>M9R2U6</b>	<b>12.9</b>	0.42	0.16	<b>133.1</b>	0.86	0.59	<b>145.1</b>	0.67	0.30	<b>119.0</b>	0.71	0.14
<b>MDMQE H</b>	<b>7.1</b>	-1.74	0.02	<b>123.6</b>	-0.13	0.19	<b>137.9</b>	0.00	0.13	<b>112.1</b>	0.00	0.13
<b>MWE2ZW</b>	<b>16.0</b>	1.60	2.50	<b>124.7</b>	-0.02	1.05	<b>117.7</b>	-1.89	2.33	<b>102.0</b>	-1.05	1.95
<b>NUNAAC</b>	<b>15.7</b>	1.48	0.40	<b>128.3</b>	0.37	2.06	<b>147.0</b>	0.84	2.19	<b>120.7</b>	0.88	1.13
<b>P7CJPP</b>	<b>10.6</b>	-0.44	2.34	<b>127.7</b>	0.30	1.14	<b>143.6</b>	0.53	1.59	<b>112.2</b>	0.01	0.60



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
REKR93	12.5	0.30	0.17	122.7	-0.23	0.22	143.7	0.53	0.95	120.3	0.85	1.10	
RWY4X9	12.6	0.32	0.09	120.1	-0.50	0.07	134.5	-0.32	0.47	106.5	-0.58	0.26	
UJQ3D3	11.2	-0.19	0.04	117.0	-0.82	0.19	129.5	-0.78	0.37	102.0	-1.05	0.49	
VEQDAZ	12.1	0.14	0.13	80.9	-4.59X	0.16	125.0	-1.21	0.21	114.2	0.22	0.32	
WAQN2R	10.6	-0.43	0.17	122.9	-0.21	1.40	141.7	0.35	0.66	113.6	0.15	0.44	
XAP99R	11.6	-0.06	0.21	124.9	0.01	0.41	135.7	-0.21	0.10	112.3	0.02	0.60	
XK8TNG	11.1	-0.24	1.04	117.0	-0.82	0.69	125.3	-1.17	2.01	100.4	-1.21	1.65	
XTF3EV	11.7	-0.03	0.16	123.7	-0.12	0.40	134.7	-0.30	0.38	110.3	-0.19	0.14	
Y8Y834	18.2	2.42	4.04	124.7	-0.02	0.48	140.3	0.22	0.14	114.3	0.23	0.50	
YCQELC	16.4	1.75	0.87	135.3	1.10	0.98	152.7	1.37	1.04	124.0	1.23	0.72	
YECBT3	10.8	-0.35	0.10	118.8	-0.63	0.47	132.1	-0.54	0.04	104.9	-0.75	0.14	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2209		SRB2210		SRB2211	SRB2212
Grand Median	11.8		124.8		137.9	112.1
Median Abs Dev	0.8		5.1		5.9	5.6
Avg Within Lab SD	1.4		5.2		4.0	4.2
Labs Included	36		34		35	35
Labs Reporting	36		36		36	36



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### Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3RQMRF</b>	<b>44.9</b>	0.72		<b>107.3</b>	1.59		<b>94.3</b>	1.30	0.08	<b>161.2</b>	0.93	
<b>3TK9K8</b>	<b>35.4</b>	-0.36	0.01	<b>90.7</b>	0.16	0.35	<b>73.8</b>	-0.76	0.27	<b>142.7</b>	-0.48	0.36
<b>3YQ2GN</b>	<b>37.7</b>	-0.10	0.89	<b>88.8</b>	0.00	3.38	<b>81.4</b>	0.00	0.66	<b>177.0</b>	2.12	2.76
<b>48ZQUM</b>	<b>46.8</b>	0.94	1.98	<b>90.5</b>	0.14	0.83	<b>89.7</b>	0.84	1.62	<b>167.3</b>	1.39	0.67
<b>4HGHEP</b>	<b>38.2</b>	-0.04	0.68	<b>87.5</b>	-0.12	0.43	<b>78.5</b>	-0.29	0.18	<b>150.7</b>	0.13	0.70
<b>6DJHEK</b>	<b>39.6</b>	0.12	0.07	<b>81.3</b>	-0.64	0.45	<b>77.2</b>	-0.42	0.04	<b>143.5</b>	-0.42	0.19
<b>6ECAP7</b>	<b>37.0</b>	-0.17	0.26	<b>95.0</b>	0.53	0.23	<b>84.7</b>	0.33	0.30	<b>140.7</b>	-0.63	0.22
<b>7M3C78</b>	<b>58.3</b>	2.24	1.04	<b>98.7</b>	0.84	0.70	<b>77.3</b>	-0.41	0.42	<b>133.0</b>	-1.21	0.65
<b>7PTBQX</b>	<b>37.7</b>	-0.10	0.15	<b>91.7</b>	0.24	0.13	<b>82.7</b>	0.13	0.12	<b>152.0</b>	0.23	0.14
<b>93P9K8</b>	<b>38.3</b>	-0.03	0.44	<b>92.0</b>	0.27	0.23	<b>81.4</b>	0.00	0.09	<b>143.4</b>	-0.43	0.30
<b>DB7DJA</b>	<b>48.0</b>	1.07	0.94	<b>107.0</b>	1.56	1.42	<b>93.0</b>	1.17	0.84	<b>159.5</b>	0.80	1.09
<b>FEFB42</b>	<b>35.0</b>	-0.40	0.26	<b>73.3</b>	-1.33	0.35	<b>64.7</b>	-1.68	0.12	<b>140.3</b>	-0.66	0.22
<b>GGKFWF</b>	<b>99.2</b>	6.88X	5.34	<b>74.0</b>	-1.27	0.62	<b>112.1</b>	3.09X	2.13	<b>154.9</b>	0.45	0.35
<b>H298Q7</b>	<b>36.9</b>	-0.19	0.07	<b>96.3</b>	0.64	0.25	<b>77.2</b>	-0.42	0.49	<b>132.3</b>	-1.26	0.57
<b>JYYG23</b>	<b>37.7</b>	-0.10	0.81	<b>88.8</b>	0.00	1.41	<b>77.4</b>	-0.40	1.33	<b>152.0</b>	0.23	3.78
<b>L7RLR9</b>	<b>67.8</b>	3.32	1.58	<b>115.4</b>	2.28	1.53	<b>96.4</b>	1.51	0.40	<b>142.5</b>	-0.49	1.47
<b>L9EA7U</b>	<b>41.3</b>	0.31	0.00	<b>89.1</b>	0.02	0.00	<b>81.7</b>	0.03	0.00	<b>149.0</b>	0.00	
<b>LK6WHG</b>	<b>27.5</b>	-1.25	0.40	<b>80.5</b>	-0.71	0.35	<b>72.1</b>	-0.93	0.34	<b>150.4</b>	0.10	0.03
<b>LLZKW7</b>	<b>38.9</b>	0.05	0.09	<b>95.4</b>	0.57	0.33	<b>82.5</b>	0.11	1.22	<b>143.3</b>	-0.43	0.38
<b>LWYD8H</b>	<b>39.0</b>	0.05	0.04	<b>78.0</b>	-0.93	0.13	<b>75.9</b>	-0.55	0.32	<b>148.4</b>	-0.05	0.23
<b>M9R2U6</b>	<b>38.8</b>	0.03	0.09	<b>84.2</b>	-0.40	0.43	<b>78.5</b>	-0.28	0.08	<b>152.8</b>	0.29	0.15
<b>MDMQE H</b>	<b>33.7</b>	-0.54	0.52	<b>67.5</b>	-1.83	0.74	<b>66.1</b>	-1.54	0.13	<b>142.1</b>	-0.52	0.15
<b>MWE2ZW</b>	<b>82.0</b>	4.93	2.73	<b>76.3</b>	-1.07	2.09	<b>76.7</b>	-0.47	0.98	<b>202.3</b>	4.05X	2.78
<b>NUNAAC</b>	<b>94.7</b>	6.36X	8.03	<b>122.7</b>	2.90X	2.42	<b>108.7</b>	2.75	3.87	<b>181.3</b>	2.45	1.00
<b>P7CJPP</b>	<b>53.3</b>	1.67	3.20	<b>92.5</b>	0.32	1.41	<b>97.3</b>	1.61	2.61	<b>157.6</b>	0.65	1.08





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Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>REKR93</b>	<b>40.5</b>	0.23	0.31	<b>83.6</b>	-0.45	0.98	<b>80.4</b>	-0.09	0.64	<b>149.3</b>	0.03	1.22	
<b>RWY4X9</b>	<b>41.7</b>	0.36	0.10	<b>100.4</b>	1.00	0.47	<b>91.3</b>	1.00	0.37	<b>160.2</b>	0.85	0.34	
<b>UJQ3D3</b>	<b>35.3</b>	-0.37	0.10	<b>83.2</b>	-0.48	0.51	<b>72.6</b>	-0.89	0.16	<b>128.7</b>	-1.54	0.18	
<b>VEQDAZ</b>	<b>38.2</b>	-0.04	0.53	<b>71.1</b>	-1.52	0.59	<b>87.2</b>	0.59	0.42	<b>141.3</b>	-0.59	0.26	
<b>WAQN2R</b>	<b>36.7</b>	-0.21	0.17	<b>85.3</b>	-0.30	0.49	<b>86.2</b>	0.48	0.70	<b>153.7</b>	0.35	0.60	
<b>XAP99R</b>	<b>34.4</b>	-0.47	0.21	<b>78.5</b>	-0.89	0.32	<b>71.6</b>	-0.98	0.31	<b>143.9</b>	-0.39	0.34	
<b>XK8TNG</b>	<b>37.9</b>	-0.08	0.38	<b>84.7</b>	-0.35	1.91	<b>77.1</b>	-0.43	1.48	<b>132.3</b>	-1.26	0.16	
<b>XTF3EV</b>	<b>42.5</b>	0.45	0.62	<b>96.0</b>	0.61	0.55	<b>83.4</b>	0.20	0.51	<b>148.3</b>	-0.05	0.45	
<b>Y8Y834</b>	<b>44.9</b>	0.72	1.61	<b>91.3</b>	0.21	0.35	<b>84.0</b>	0.26	0.48	<b>150.0</b>	0.08	0.65	
<b>YCQELC</b>	<b>40.2</b>	0.19	0.52	<b>90.9</b>	0.18	0.54	<b>82.8</b>	0.15	0.30	<b>157.0</b>	0.61	0.57	
<b>YECBT3</b>	<b>28.8</b>	-1.10	0.55	<b>86.9</b>	-0.16	0.15	<b>75.5</b>	-0.59	0.08	<b>129.3</b>	-1.50	0.16	

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2209	SRB2210	SRB2211	SRB2212	
<b>Grand Median</b>	38.5	88.8	81.4	149.0	
<b>Median Abs Dev</b>	3.0	6.2	4.7	6.5	
<b>Avg Within Lab SD</b>	3.9	4.3	5.0	7.1	
<b>Labs Included</b>	34	35	35	35	
<b>Labs Reporting</b>	36	36	36	36	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>5.51</b>	-0.44		<b>7.95</b>	0.26		<b>8.25</b>	0.23		<b>21.53</b>	-0.51	0.23	
<b>3TK9K8</b>	<b>5.46</b>	-0.51	0.17	<b>7.38</b>	-0.25	0.77	<b>7.48</b>	-0.59	0.15	<b>21.23</b>	-0.65	0.22	
<b>3YQ2GN</b>	<b>5.87</b>	0.09	1.52	<b>7.78</b>	0.11	2.10	<b>8.72</b>	0.73	0.64	<b>25.67</b>	1.52	1.93	
<b>48ZQUM</b>	<b>6.37</b>	0.80	0.48	<b>9.07</b>	1.27	0.29	<b>9.07</b>	1.10	0.14	<b>25.30</b>	1.34	0.86	
<b>4HGHEP</b>	<b>5.74</b>	-0.10	0.68	<b>7.08</b>	-0.52	0.59	<b>7.72</b>	-0.33	0.86	<b>22.60</b>	0.02	1.01	
<b>6DJHEK</b>	<b>6.04</b>	0.32	0.15	<b>7.93</b>	0.25	0.04	<b>8.30</b>	0.28	0.26	<b>22.67</b>	0.05	0.19	
<b>6ECAP7</b>	<b>6.33</b>	0.75	1.82	<b>9.00</b>	1.21		<b>9.00</b>	1.03		<b>23.00</b>	0.21		
<b>7M3C78</b>	<b>4.97</b>	-1.22	1.31	<b>6.00</b>	-1.48	0.69	<b>5.93</b>	-2.22	0.37	<b>18.00</b>	-2.23	0.88	
<b>7PTBQX</b>	<b>6.37</b>	0.80	0.18	<b>8.50</b>	0.76		<b>9.27</b>	1.31	0.37	<b>26.03</b>	1.70	0.50	
<b>93P9K8</b>	<b>5.84</b>	0.04	1.26	<b>8.01</b>	0.32	1.44	<b>8.39</b>	0.38	1.33	<b>22.52</b>	-0.02	0.44	
<b>DB7DJA</b>	<b>6.19</b>	0.55	1.76	<b>6.66</b>	-0.89	2.11	<b>6.62</b>	-1.49	1.79	<b>28.64</b>	2.97X	1.56	
<b>FEFB42</b>	<b>6.00</b>	0.27		<b>8.00</b>	0.31		<b>8.00</b>	-0.03		<b>22.33</b>	-0.11	0.51	
<b>GGKFWF</b>	<b>4.60</b>	-1.74	0.42	<b>6.94</b>	-0.64	0.17	<b>7.14</b>	-0.95	0.25	<b>22.96</b>	0.20	0.56	
<b>H298Q7</b>	<b>5.00</b>	-1.17	0.31	<b>7.33</b>	-0.29	0.40	<b>8.00</b>	-0.03	0.24	<b>19.07</b>	-1.71	0.18	
<b>JYYG23</b>	<b>5.56</b>	-0.36	1.80	<b>7.96</b>	0.27	0.90	<b>8.76</b>	0.78	3.20	<b>26.14</b>	1.75	3.08	
<b>L7RLR9</b>	<b>6.29</b>	0.68	0.44	<b>8.02</b>	0.32	0.26	<b>7.43</b>	-0.63	1.42	<b>22.08</b>	-0.23	0.89	
<b>L9EA7U</b>	<b>6.59</b>	1.12	0.00	<b>8.98</b>	1.19	0.00	<b>8.38</b>	0.37	0.00	<b>22.90</b>	0.17	0.00	
<b>LK6WHG</b>	<b>4.45</b>	-1.97	0.52	<b>6.58</b>	-0.97	0.14	<b>6.96</b>	-1.13	0.21	<b>21.30</b>	-0.62	0.15	
<b>LLZKW7</b>	<b>5.77</b>	-0.06	0.14	<b>8.26</b>	0.54	0.30	<b>8.12</b>	0.09	0.10	<b>22.81</b>	0.12	0.31	
<b>LWYD8H</b>	<b>5.73</b>	-0.12	1.01	<b>6.30</b>	-1.22	0.38	<b>7.73</b>	-0.31	1.08	<b>21.90</b>	-0.32	0.69	
<b>M9R2U6</b>	<b>6.23</b>	0.61	0.77	<b>8.09</b>	0.39	0.36	<b>8.58</b>	0.58	0.15	<b>24.01</b>	0.71	0.19	
<b>MDMQE H</b>	<b>5.55</b>	-0.38	0.19	<b>7.53</b>	-0.11	0.10	<b>8.06</b>	0.03	0.18	<b>23.16</b>	0.29	0.72	
<b>MWE2ZW</b>	<b>8.13</b>	3.34X	1.90	<b>11.17</b>	3.15X	2.41	<b>8.17</b>	0.14	0.69	<b>22.80</b>	0.12	3.13	
<b>NUNAAC</b>	<b>11.10</b>	7.62X	0.63	<b>12.30</b>	4.17X	1.92	<b>12.83</b>	5.09X	3.01	<b>29.60</b>	3.44X	1.41	
<b>P7CJPP</b>	<b>6.47</b>	0.94	1.27	<b>7.93</b>	0.25	1.54	<b>9.20</b>	1.24	0.48	<b>23.10</b>	0.26	0.61	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups													Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>REKR93</b>	<b>5.99</b>	0.26	0.26	<b>7.26</b>	-0.35	0.08	<b>8.37</b>	0.36	0.73	<b>22.30</b>	-0.13	0.46		
<b>RWY4X9</b>	<b>6.49</b>	0.98	0.46	<b>8.78</b>	1.01	0.02	<b>9.97</b>	2.05	0.28	<b>24.71</b>	1.05	0.38		
<b>UJQ3D3</b>	<b>5.79</b>	-0.04	0.69	<b>6.98</b>	-0.61	0.26	<b>7.73</b>	-0.31	0.50	<b>19.07</b>	-1.71	0.33		
<b>VEQDAZ</b>	<b>6.53</b>	1.03	1.32	<b>10.39</b>	2.45	0.57	<b>11.02</b>	3.17X	0.56	<b>23.62</b>	0.52	0.33		
<b>WAQN2R</b>	<b>4.84</b>	-1.40	0.21	<b>6.75</b>	-0.81	0.71	<b>7.90</b>	-0.13	1.25	<b>21.79</b>	-0.37	0.15		
<b>XAP99R</b>	<b>5.01</b>	-1.16	0.78	<b>7.06</b>	-0.53	0.50	<b>7.36</b>	-0.71	0.58	<b>20.84</b>	-0.84	0.55		
<b>XK8TNG</b>	<b>5.86</b>	0.07	2.47	<b>6.22</b>	-1.29	0.81	<b>6.93</b>	-1.16	2.38	<b>20.30</b>	-1.10	1.29		
<b>XTF3EV</b>	<b>5.47</b>	-0.50	0.18	<b>8.93</b>	1.15	3.27	<b>7.73</b>	-0.31	0.60	<b>21.63</b>	-0.45	0.44		
<b>Y8Y834</b>	<b>5.27</b>	-0.79	1.11	<b>7.03</b>	-0.56	1.11	<b>7.40</b>	-0.67	0.72	<b>20.77</b>	-0.88	0.42		
<b>YCQELC</b>	<b>6.12</b>	0.44	1.18	<b>7.43</b>	-0.20	0.17	<b>8.56</b>	0.56	0.95	<b>23.13</b>	0.28	1.01		
<b>YECBT3</b>	<b>4.95</b>	-1.24	0.20	<b>7.46</b>	-0.17	0.01	<b>7.42</b>	-0.64	0.05	<b>20.98</b>	-0.77	0.03		

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2209	SRB2210	SRB2211	SRB2212		
<b>Grand Median</b>	5.81	7.66	8.03	22.6		
<b>Median Abs Dev</b>	0.40	0.60	0.55	1.0		
<b>Avg Within Lab SD</b>	0.32	0.52	0.42	1.1		
<b>Labs Included</b>	34	34	34	34		
<b>Labs Reporting</b>	36	36	36	36		



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Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>0.22</b>	0.26		<b>0.37</b>	-0.80		<b>0.11</b>	0.29		<b>0.05</b>	-2.07		
<b>3TK9K8</b>	<b>0.20</b>	-0.09	0.06	<b>0.42</b>	0.23	0.12	<b>0.10</b>	-0.03	0.06	<b>0.19</b>	-0.28	0.03	
<b>3YQ2GN</b>	<b>0.20</b>	-0.08	0.16	<b>0.41</b>	0.03	0.73	<b>0.10</b>	-0.06	0.11	<b>0.21</b>	0.08	0.27	
<b>6DJHEK</b>	<b>0.27</b>	0.95	0.52	<b>0.46</b>	1.07	0.35	<b>0.10</b>	0.03	0.04	<b>0.20</b>	-0.10	0.05	
<b>6ECAP7</b>	<b>0.13</b>	-0.96	0.83	<b>0.43</b>	0.53	0.75				<b>0.23</b>	0.33	2.08	
<b>7PTBQX</b>	<b>0.27</b>	1.02	0.50	<b>0.41</b>	-0.03	0.15	<b>0.11</b>	0.29	0.33	<b>0.19</b>	-0.24	0.36	
<b>LLZKW7</b>	<b>0.19</b>	-0.16	0.04	<b>0.37</b>	-0.72	0.05	<b>0.07</b>	-1.01	0.14	<b>0.13</b>	-1.07	0.05	
<b>M9R2U6</b>	<b>0.20</b>	0.00	0.21	<b>0.39</b>	-0.31	1.01	<b>0.07</b>	-0.87	2.24	<b>0.25</b>	0.49	1.47	
<b>MDMQE</b>	<b>3.00</b>	39.71X	14.03	<b>6.77</b>	132.82X	1.94	<b>6.43</b>	202.88X	10.68	<b>15.43</b>	198.59X	128.73	
<b>H</b>													
<b>MWE2ZW</b>	<b>0.14</b>	-0.92	0.93	<b>0.42</b>	0.32	0.83	<b>0.08</b>	-0.67	0.19	<b>0.25</b>	0.59	0.70	
<b>NUNAAC</b>	<b>0.43</b>	3.24	1.65	<b>0.32</b>	-1.91	0.86	<b>0.16</b>	2.00	1.93	<b>0.10</b>	-1.37	0.57	
<b>REKR93</b>	<b>0.22</b>	0.25	0.05	<b>0.42</b>	0.23	0.05	<b>0.10</b>	-0.03	0.10	<b>0.21</b>	0.00	0.16	
<b>UJQ3D3</b>				<b>0.40</b>	-0.17	0.00							
<b>Y8Y834</b>	<b>0.18</b>	-0.26	2.06	<b>0.52</b>	2.41	2.99	<b>0.12</b>	0.61	1.32	<b>0.25</b>	0.59	2.11	
<b>YECBT3</b>	<b>0.24</b>	0.59	1.69	<b>0.38</b>	-0.69	0.59	<b>0.17</b>	2.19	0.58	<b>0.33</b>	1.57	0.05	

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2209		SRB2210		SRB2211	
<b>Grand Median</b>	0.20		0.41		0.10	
<b>Median Abs Dev</b>	0.02		0.02		0.01	
<b>Avg Within Lab SD</b>	0.07		0.08		0.05	
<b>Labs Included</b>	13		14		12	
<b>Labs Reporting</b>	14		15		13	



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P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>36DR2X</b>	<b>0.34</b>	1.16	0.00	<b>0.10</b>	0.00	1.70	<b>0.18</b>	1.64	0.00	<b>1.16</b>	0.09	0.00	
<b>46W3BQ</b>	<b>0.30</b>	-1.01	0.00	<b>0.10</b>	-0.85	0.00	<b>0.16</b>	-1.50	0.00	<b>1.06</b>	-2.14	0.00	
<b>6DJHEK</b>	<b>0.34</b>	1.20	1.06	<b>0.10</b>	-1.76	0.13	<b>0.17</b>	-0.23	0.74	<b>1.15</b>	-0.09	0.79	
<b>9KBWU3</b>	<b>0.32</b>	-0.10	1.67	<b>0.10</b>	0.00	1.70	<b>0.17</b>	0.07	0.00	<b>1.16</b>	0.17	1.69	
<b>R9V879</b>	<b>0.31</b>	-0.47	1.27	<b>0.11</b>	0.57	0.41	<b>0.17</b>	-0.07	2.16	<b>1.11</b>	-0.96	1.48	
<b>T8VTTE</b>	<b>0.32</b>	0.10	0.68	<b>0.11</b>	0.87	0.09	<b>0.17</b>	0.54	0.88	<b>1.18</b>	0.59	0.56	

P (SubTestCode 225) in the Dry Ash Property Groups					Data units: Percent
	SRB2209	SRB2210	SRB2211	SRB2212	
<b>Grand Median</b>	0.32	0.10	0.17	1.16	
<b>Median Abs Dev</b>	0.01	0.00	0.00	0.02	
<b>Avg Within Lab SD</b>	0.00	0.00	0.00	0.01	
<b>Labs Included</b>	6	6	6	6	
<b>Labs Reporting</b>	6	6	6	6	



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K (SubTestCode 226) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>36DR2X</b>	<b>0.28</b>	0.64	0.42	<b>0.56</b>	0.42	0.85	<b>0.69</b>	0.42	0.43	<b>3.85</b>	-0.24	0.28		
<b>46W3BQ</b>	<b>0.24</b>	-0.18	0.00	<b>0.44</b>	-0.42	0.28	<b>0.62</b>	-1.10	0.43	<b>3.96</b>	0.02	0.19		
<b>6DJHEK</b>	<b>0.24</b>	-0.24	0.13	<b>0.57</b>	0.50	0.11	<b>0.62</b>	-1.18	0.12	<b>3.94</b>	-0.02	1.93		
<b>9KBWU3</b>	<b>0.23</b>	-0.43	0.42	<b>0.40</b>	-0.70	1.86	<b>0.66</b>	-0.30	0.75	<b>4.15</b>	0.48	0.91		
<b>R9V879</b>	<b>0.37</b>	2.37	2.35	<b>0.35</b>	-1.05	1.27	<b>0.69</b>	0.30	1.31	<b>3.81</b>	-0.35	1.14		
<b>T8VTTE</b>	<b>0.26</b>	0.18	0.36	<b>0.64</b>	0.96	0.34	<b>0.71</b>	0.75	1.82	<b>5.16</b>	2.95	0.19		

K (SubTestCode 226) in the Dry Ash Property Groups													Data units: Percent	
	SRB2209			SRB2210			SRB2211			SRB2212				
<b>Grand Median</b>	0.25			0.50			0.67			3.95				
<b>Median Abs Dev</b>	0.02			0.08			0.03			0.12				
<b>Avg Within Lab SD</b>	0.01			0.02			0.01			0.06				
<b>Labs Included</b>	6			6			6			6				
<b>Labs Reporting</b>	6			6			6			6				



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>36DR2X</b>	<b>0.03</b>	-0.11	0.00	<b>2.61</b>	0.98	0.18	<b>0.57</b>	0.46	0.00	<b>1.25</b>	0.14	0.87	
<b>46W3BQ</b>	<b>0.04</b>	0.59	0.00	<b>2.47</b>	-0.37	0.48	<b>0.52</b>	-2.23	1.13	<b>1.16</b>	-0.80	0.00	
<b>6DJHEK</b>	<b>0.01</b>	-1.24	2.26	<b>2.55</b>	0.37	0.69	<b>0.56</b>	-0.06	0.39	<b>1.22</b>	-0.14	0.17	
<b>9KBWU3</b>	<b>0.02</b>	-0.80	0.00	<b>2.46</b>	-0.47	1.02	<b>0.55</b>	-0.62	1.96	<b>1.26</b>	0.32	1.15	
<b>R9V879</b>	<b>0.05</b>	1.21	0.00	<b>2.42</b>	-0.86	1.20	<b>0.57</b>	0.62	0.61	<b>1.19</b>	-0.44	1.53	
<b>T8VTTE</b>	<b>0.03</b>	0.11	0.95	<b>2.61</b>	0.98	1.67	<b>0.56</b>	0.06	0.60	<b>1.44</b>	2.20	1.25	

Ca (SubTestCode 227) in the Dry Ash Property Groups					Data units: Percent
	SRB2209		SRB2210		SRB2211
<b>Grand Median</b>	0.032		2.51		0.56
<b>Median Abs Dev</b>	0.010		0.07		0.01
<b>Avg Within Lab SD</b>	0.000		0.03		0.01
<b>Labs Included</b>	6		6		6
<b>Labs Reporting</b>	6		6		6



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>36DR2X</b>	<b>0.15</b>	0.00	0.00	<b>0.22</b>	0.34	0.00	<b>0.19</b>	0.21	0.00	<b>0.48</b>	-0.33	0.00		
<b>46W3BQ</b>	<b>0.15</b>	0.00	0.00	<b>0.21</b>	-0.24	0.00	<b>0.18</b>	-1.16	0.00	<b>0.45</b>	-1.08	0.00		
<b>6DJHEK</b>	<b>0.15</b>	0.26	0.12	<b>0.22</b>	0.24	2.08	<b>0.19</b>	0.26	0.53	<b>0.51</b>	0.48	1.24		
<b>9KBWU3</b>	<b>0.13</b>	-1.99	0.00	<b>0.20</b>	-0.81	0.00	<b>0.18</b>	-1.61	2.07	<b>0.51</b>	0.33	1.18		
<b>R9V879</b>	<b>0.16</b>	0.72	1.92	<b>0.19</b>	-1.13	1.21	<b>0.19</b>	-0.21	0.71	<b>0.47</b>	-0.62	1.68		
<b>T8VTTE</b>	<b>0.14</b>	-1.08	1.51	<b>0.24</b>	1.29	0.46	<b>0.19</b>	0.61	0.97	<b>0.54</b>	1.21	0.51		

Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent	
	SRB2209			SRB2210			SRB2211			SRB2212				
<b>Grand Median</b>	0.15			0.21			0.19			0.49				
<b>Median Abs Dev</b>	0.00			0.01			0.00			0.02				
<b>Avg Within Lab SD</b>	0.00			0.00			0.00			0.00				
<b>Labs Included</b>	6			6			6			6				
<b>Labs Reporting</b>	6			6			6			6				





## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>36DR2X</b>	<b>0.007</b>	-0.02	0.00	<b>0.012</b>	0.69	0.00	<b>0.015</b>	0.48	0.78	<b>0.016</b>	0.24	0.56	
<b>46W3BQ</b>	<b>0.010</b>	0.68	0.00	<b>0.010</b>	0.22	0.00	<b>0.010</b>	-0.02	0.00	<b>0.013</b>	0.05	1.28	
<b>6DJHEK</b>	<b>0.001</b>	-1.46	0.07	<b>0.006</b>	-0.71	0.28	<b>0.006</b>	-0.48	0.02	<b>0.007</b>	-0.44	0.04	
<b>9KBWU3</b>	<b>0.006</b>	-0.34	1.66	<b>0.005</b>	-0.90	2.21	<b>0.008</b>	-0.19	0.28	<b>0.010</b>	-0.20	0.13	
<b>R9V879</b>	<b>0.007</b>	0.02	0.43	<b>0.008</b>	-0.22	0.27	<b>0.010</b>	0.02	0.11	<b>0.012</b>	-0.05	0.18	
<b>T8VTTE</b>	<b>0.014</b>	1.52	1.75	<b>0.015</b>	1.30	0.98	<b>0.037</b>	2.86	2.30	<b>0.050</b>	3.07	2.00	

Na (SubTestCode 229) in the Dry Ash Property Groups					Data units: Percent
	SRB2209	SRB2210	SRB2211	SRB2212	
<b>Grand Median</b>	0.007	0.009	0.010	0.013	
<b>Median Abs Dev</b>	0.002	0.003	0.003	0.003	
<b>Avg Within Lab SD</b>	0.002	0.001	0.004	0.005	
<b>Labs Included</b>	6	6	6	6	
<b>Labs Reporting</b>	6	6	6	6	



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AI (SubTestCode 230) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>36DR2X</b>	<b>6.4</b>	-0.57	0.05	<b>72.3</b>	0.69	0.23	<b>55.0</b>	-0.15		<b>33.0</b>	1.04	0.14	
<b>46W3BQ</b>	<b>45.7</b>	1.80	2.21	<b>102.0</b>	1.80	2.12	<b>111.8</b>	2.60	1.10	<b>48.9</b>	1.95	2.23	
<b>6DJHEK</b>	<b>4.6</b>	-0.69	0.06	<b>51.6</b>	-0.08	0.18	<b>58.0</b>	0.00	0.05	<b>14.7</b>	-0.01	0.01	
<b>T8VTTE</b>	<b>21.2</b>	0.32	0.09	<b>32.5</b>	-0.80	0.41	<b>70.0</b>	0.58	1.67	<b>8.4</b>	-0.37	0.11	
<b>WAQN2R</b>	<b>15.9</b>	0.00	0.33	<b>53.8</b>	0.00	0.49	<b>56.9</b>	-0.05	0.10	<b>14.8</b>	0.00	0.03	

AI (SubTestCode 230) in the Dry Ash Property Groups					Data units: mg/kg			
	SRB2209		SRB2210		SRB2211		SRB2212	
<b>Grand Median</b>	15.9		53.8		58.0		14.8	
<b>Median Abs Dev</b>	9.5		18.5		3.0		6.4	
<b>Avg Within Lab SD</b>	10.1		6.7		8.4		12.8	
<b>Labs Included</b>	5		5		5		5	
<b>Labs Reporting</b>	5		5		5		5	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>36DR2X</b>	<b>4.1</b>	0.27	0.08	<b>26.5</b>	0.14	0.34	<b>35.6</b>	-0.39	0.44	<b>23.0</b>	0.00	0.09
<b>46W3BQ</b>	<b>1.0</b>	-1.10	0.37	<b>34.7</b>	5.85X	2.85	<b>42.8</b>	1.22	1.79	<b>26.2</b>	0.85	2.43
<b>6DJHEK</b>	<b>1.1</b>	-1.06	0.12	<b>27.1</b>	0.56	0.34	<b>38.6</b>	0.28	0.55	<b>22.4</b>	-0.16	0.06
<b>9KBWU3</b>	<b>6.3</b>	1.25	0.60	<b>28.7</b>	1.65	1.14	<b>42.0</b>	1.04	1.15	<b>31.0</b>	2.15	0.46
<b>R9V879</b>	<b>2.6</b>	-0.41	0.10	<b>26.1</b>	-0.14	1.13	<b>36.1</b>	-0.28	0.70	<b>22.1</b>	-0.25	0.11
<b>T8VTTE</b>	<b>4.9</b>	0.63	2.54	<b>26.0</b>	-0.22	1.06	<b>67.9</b>	6.88X	60.54	<b>25.3</b>	0.62	0.83
<b>WAQN2R</b>	<b>3.5</b>	0.00	0.09	<b>24.4</b>	-1.35	1.44	<b>33.7</b>	-0.82	0.69	<b>20.4</b>	-0.70	0.42

### B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2209	SRB2210	SRB2211	SRB2212
<b>Grand Median</b>	3.49	26.3	37.4	23.0
<b>Median Abs Dev</b>	1.43	0.6	2.7	2.3
<b>Avg Within Lab SD</b>	0.96	0.5	0.9	2.2
<b>Labs Included</b>	7	6	6	7
<b>Labs Reporting</b>	7	7	7	7



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>36DR2X</b>	<b>30.7</b>	-0.47	0.38	<b>15.0</b>	-0.57	1.00	<b>19.0</b>	-0.20		<b>94.3</b>	-0.06	0.42	
<b>46W3BQ</b>	<b>34.2</b>	0.47	1.92	<b>18.7</b>	1.28	1.86	<b>19.1</b>	-0.13	1.27	<b>95.3</b>	0.06	1.53	
<b>6DJHEK</b>	<b>36.6</b>	1.12	0.32	<b>15.6</b>	-0.25	0.31	<b>19.0</b>	-0.16	0.84	<b>85.7</b>	-1.04	1.03	
<b>9KBWU3</b>	<b>30.3</b>	-0.56	1.02	<b>15.0</b>	-0.57	1.00	<b>19.3</b>	0.13	1.25	<b>107.7</b>	1.47	0.42	
<b>R9V879</b>	<b>35.6</b>	0.85	0.89	<b>16.6</b>	0.25	0.60	<b>22.4</b>	3.16	0.61	<b>93.0</b>	-0.21	1.39	
<b>T8VTTE</b>	<b>30.3</b>	-0.57	0.49	<b>18.4</b>	1.12	0.33	<b>19.5</b>	0.26	0.86	<b>105.5</b>	1.22	0.57	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2209		SRB2210		SRB2211	
<b>Grand Median</b>	32.4		16.1		19.2	
<b>Median Abs Dev</b>	2.1		1.1		0.2	
<b>Avg Within Lab SD</b>	1.5		1.0		0.5	
<b>Labs Included</b>	6		6		6	
<b>Labs Reporting</b>	6		6		6	



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### Mn (SubTestCode 233) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>36DR2X</b>	<b>13.0</b>	0.00		<b>111.3</b>	0.09	1.33	<b>142.3</b>	-0.23	0.22	<b>110.0</b>	-0.33	
<b>46W3BQ</b>	<b>6.2</b>	-1.23	0.35	<b>95.6</b>	-0.83	0.21	<b>124.2</b>	-1.98	0.75	<b>81.3</b>	-3.17	0.38
<b>6DJHEK</b>	<b>14.6</b>	0.28	0.14	<b>125.7</b>	0.92	1.43	<b>148.7</b>	0.39	0.31	<b>114.4</b>	0.11	0.52
<b>9KBWU3</b>	<b>13.0</b>	0.00		<b>108.3</b>	-0.09	0.37	<b>138.7</b>	-0.58	0.22	<b>116.7</b>	0.33	0.39
<b>R9V879</b>	<b>3.9</b>	-1.63	0.37	<b>91.0</b>	-1.09	0.98	<b>151.4</b>	0.65	1.36	<b>112.8</b>	-0.05	1.41
<b>T8VTTE</b>	<b>18.1</b>	0.91	1.93	<b>127.5</b>	1.03	1.01	<b>147.0</b>	0.23	1.84	<b>113.9</b>	0.05	1.57

### Mn (SubTestCode 233) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2209	SRB2210	SRB2211	SRB2212
<b>Grand Median</b>	13.0	109.8	144.7	113.3
<b>Median Abs Dev</b>	3.3	15.0	5.0	2.2
<b>Avg Within Lab SD</b>	1.2	1.6	2.6	1.5
<b>Labs Included</b>	6	6	6	6
<b>Labs Reporting</b>	6	6	6	6



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### Fe (SubTestCode 234) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2209			SRB2210			SRB2211			SRB2212		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>36DR2X</b>	<b>32.7</b>	-0.60	1.36	<b>67.3</b>	0.58	2.10	<b>68.3</b>	-0.32	1.59	<b>123.3</b>	-1.13	0.19
<b>46W3BQ</b>	<b>18.9</b>	-1.38	0.38	<b>31.6</b>	-1.62	0.37	<b>50.4</b>	-1.46	0.33	<b>123.9</b>	-1.11	0.14
<b>6DJHEK</b>	<b>40.9</b>	-0.14	0.35	<b>53.6</b>	-0.26	0.28	<b>72.2</b>	-0.08	0.48	<b>151.3</b>	-0.13	0.46
<b>9KBWU3</b>	<b>45.7</b>	0.14	0.14	<b>53.7</b>	-0.26	0.18	<b>74.7</b>	0.08	0.80	<b>161.3</b>	0.23	1.15
<b>R9V879</b>	<b>58.2</b>	0.84	0.43	<b>62.0</b>	0.26	0.86	<b>91.6</b>	1.15	0.12	<b>158.4</b>	0.13	1.62
<b>T8VTTE</b>	<b>60.1</b>	0.95	1.92	<b>75.2</b>	1.07	0.77	<b>88.4</b>	0.95	1.58	<b>191.5</b>	1.32	1.33

### Fe (SubTestCode 234) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2209	SRB2210	SRB2211	SRB2212
<b>Grand Median</b>	43.3	57.9	73.4	154.8
<b>Median Abs Dev</b>	12.8	6.9	10.0	18.7
<b>Avg Within Lab SD</b>	4.1	3.2	2.6	3.0
<b>Labs Included</b>	6	6	6	6
<b>Labs Reporting</b>	6	6	6	6



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Cu (SubTestCode 235) in the Dry Ash Property Groups													Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>36DR2X</b>	<b>4.83</b>	1.01	0.76	<b>4.28</b>	0.00	0.48	<b>8.10</b>	-0.36	0.78	<b>21.33</b>	-0.08	0.44		
<b>46W3BQ</b>	<b>2.53</b>	-0.15	0.36	<b>0.27</b>	-6.21	0.24	<b>8.23</b>	-0.02	0.89	<b>17.67</b>	-1.13	0.78		
<b>6DJHEK</b>	<b>3.13</b>	0.15	2.11	<b>4.49</b>	0.33	0.69	<b>8.29</b>	0.14	0.46	<b>21.90</b>	0.08	0.96		
<b>9KBWU3</b>	<b>0.80</b>	-1.03	0.22	<b>3.27</b>	-1.56	1.69	<b>7.73</b>	-1.33	1.62	<b>25.00</b>	0.97	1.18		
<b>R9V879</b>	<b>5.29</b>	1.25	0.30	<b>3.85</b>	-0.67	0.68	<b>8.25</b>	0.02	0.11	<b>20.30</b>	-0.38	0.71		
<b>T8VTTE</b>	<b>1.94</b>	-0.45	0.84	<b>4.80</b>	0.82	0.98	<b>9.07</b>	2.18	1.32	<b>26.49</b>	1.40	1.55		

Cu (SubTestCode 235) in the Dry Ash Property Groups													Data units: mg/kg	
	SRB2209			SRB2210			SRB2211			SRB2212				
<b>Grand Median</b>	2.83			4.28			8.24			21.6				
<b>Median Abs Dev</b>	1.44			0.43			0.09			2.4				
<b>Avg Within Lab SD</b>	0.90			0.24			0.28			0.5				
<b>Labs Included</b>	6			5			6			6				
<b>Labs Reporting</b>	6			6			6			6				



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
SRB2209			SRB2210			SRB2211			SRB2212		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>36DR2X</b>				<b>0.32</b>		0.39					
<b>6DJHEK</b>	<b>0.21</b>		0.04	<b>0.38</b>		0.08	<b>0.10</b>		0.02	<b>0.16</b> 0.05	
<b>T8VTTE</b>	<b>3.20</b>		1.41	<b>3.33</b>		1.68	<b>2.86</b>		1.41	<b>2.77</b> 1.41	

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2209		SRB2210		SRB2212
<b>Grand Median</b>	1.70		0.38		1.47
<b>Median Abs Dev</b>					
<b>Avg Within Lab SD</b>	0.45		0.13		0.17
<b>Labs Included</b>	2		3		2
<b>Labs Reporting</b>	2		3		2





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As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>				<b>0.20</b>	0.82					<b>0.03</b>	-1.14		
<b>3TK9K8</b>	<b>0.01</b>	-0.63	0.01	<b>0.04</b>	-1.32	0.03	<b>0.04</b>	-0.03	0.05	<b>0.11</b>	-0.08	0.02	
<b>3YQ2GN</b>	<b>0.01</b>	-0.63	0.00	<b>0.04</b>	-1.39	0.08	<b>0.04</b>	-0.03	0.08	<b>0.13</b>	0.06	0.08	
<b>7PTBQX</b>	<b>0.23</b>	0.68	2.23	<b>0.16</b>	0.33	0.43	<b>0.06</b>	0.12	2.22	<b>0.33</b>	2.61	2.23	
<b>LLZKW7</b>	<b>0.12</b>	0.00	0.22	<b>0.15</b>	0.10	0.55	<b>0.31</b>	3.20	0.19	<b>0.13</b>	0.11	0.20	
<b>MDMQE</b>	<b>0.35</b>	1.44	0.00	<b>3.28</b>	42.31X	0.84	<b>0.88</b>	10.28X	2.08	<b>2.20</b>	25.92X	1.26	
<b>H</b>													
<b>REKR93</b>				<b>0.13</b>	-0.10	2.12	<b>0.05</b>	0.00	0.10	<b>0.12</b>	-0.06	0.03	

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB2209		SRB2210		SRB2211		SRB2212	
<b>Grand Median</b>	0.12		0.14		0.047		0.12	
<b>Median Abs Dev</b>	0.10		0.04		0.002		0.01	
<b>Avg Within Lab SD</b>	0.07		0.08		0.036		0.09	
<b>Labs Included</b>	5		6		5		6	
<b>Labs Reporting</b>	5		7		6		7	



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Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3TK9K8</b>	<b>0.6</b>	-0.14	0.44	<b>101.5</b>	0.70	0.10	<b>26.3</b>	-0.87	1.12	<b>3.9</b>	-0.74	0.16	
<b>3YQ2GN</b>	<b>0.6</b>	0.04	1.41	<b>95.5</b>	0.00	0.66	<b>27.6</b>	0.18	1.80	<b>4.4</b>	0.97	2.17	
<b>7PTBQX</b>	<b>1.0</b>	3.15	1.22	<b>95.5</b>	0.00	0.01	<b>27.2</b>	-0.18	0.27	<b>4.2</b>	0.38	0.42	
<b>M9R2U6</b>	<b>0.6</b>	-0.19	1.03	<b>70.9</b>	-2.85	2.36	<b>28.8</b>	1.14	0.26	<b>4.0</b>	-0.38	0.14	
<b>MDMQE</b>	<b>0.6</b>	-0.04	1.09	<b>93.0</b>	-0.29	0.05	<b>26.7</b>	-0.51	0.20	<b>3.7</b>	-1.15	0.09	
<b>H</b>													
<b>REKR93</b>	<b>0.7</b>	0.50	0.26	<b>97.3</b>	0.21	0.01	<b>28.8</b>	1.16	1.16	<b>4.3</b>	0.41	1.02	

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2209	SRB2210	SRB2211	SRB2212	
<b>Grand Median</b>	0.59	95.5	27.4	4.11	
<b>Median Abs Dev</b>	0.02	2.2	0.9	0.20	
<b>Avg Within Lab SD</b>	0.03	22.4	0.7	0.19	
<b>Labs Included</b>	6	6	6	6	
<b>Labs Reporting</b>	6	6	6	6	



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>0.010</b>	-1.08					<b>0.020</b>	-0.67					
<b>3TK9K8</b>	<b>0.045</b>	-0.04	0.06	<b>0.008</b>	-0.03	0.02	<b>0.033</b>	-0.08	0.07	<b>0.043</b>	-0.13	0.07	
<b>3YQ2GN</b>	<b>0.048</b>	0.04	0.32	<b>0.008</b>	-0.03	0.03	<b>0.037</b>	0.08	0.12	<b>0.053</b>	0.23	0.99	
<b>7PTBQX</b>	<b>0.040</b>	-0.19	0.00				<b>0.027</b>	-0.37	0.48	<b>0.030</b>	-0.62	0.00	
<b>LLZKW7</b>	<b>0.034</b>	-0.36	0.14				<b>0.024</b>	-0.49	0.22	<b>0.033</b>	-0.49	0.10	
<b>M9R2U6</b>	<b>0.141</b>	2.82	2.62	<b>0.078</b>	1.76	2.24	<b>0.081</b>	2.06	2.59	<b>0.112</b>	2.40	2.41	
<b>MDMQE H</b>	<b>0.070</b>	0.70	0.00	<b>0.070</b>	1.55	0.00	<b>0.070</b>	1.56	0.00	<b>0.070</b>	0.85	0.00	
<b>REKR93</b>	<b>0.052</b>	0.16	0.03	<b>0.009</b>	0.00	0.01	<b>0.037</b>	0.08	0.13	<b>0.047</b>	0.00	0.47	

Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB2209			SRB2210			SRB2211			SRB2212			
<b>Grand Median</b>	0.046			0.009			0.035			0.047			
<b>Median Abs Dev</b>	0.009			0.001			0.010			0.013			
<b>Avg Within Lab SD</b>	0.008			0.014			0.012			0.006			
<b>Labs Included</b>	8			5			8			7			
<b>Labs Reporting</b>	8			5			8			7			



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3RQMRF</b>	<b>0.100</b>	1.31		<b>0.050</b>	-0.81		<b>0.050</b>	-1.98		<b>0.190</b>	-0.85		
<b>3TK9K8</b>	<b>0.070</b>	-0.27	0.20	<b>0.078</b>	0.30	0.50	<b>0.091</b>	0.10	0.09	<b>0.236</b>	0.36	0.82	
<b>3YQ2GN</b>	<b>0.068</b>	-0.37	0.02	<b>0.063</b>	-0.30	0.44	<b>0.084</b>	-0.23	0.09	<b>0.221</b>	-0.03	0.19	
<b>6ECAP7</b>	<b>0.277</b>	10.57X	2.30	<b>0.187</b>	4.68X	3.83	<b>0.330</b>	12.35X	1.06	<b>0.497</b>	7.20X	2.11	
<b>7PTBQX</b>	<b>0.077</b>	0.09	1.15	<b>0.087</b>	0.66	1.45	<b>0.087</b>	-0.10	0.61	<b>0.223</b>	0.03	1.03	
<b>M9R2U6</b>	<b>0.066</b>	-0.47	0.85	<b>0.058</b>	-0.48	0.65	<b>0.081</b>	-0.37	1.61	<b>0.216</b>	-0.17	1.34	
<b>MDMQE H</b>	<b>0.120</b>	2.36	0.00	<b>0.120</b>	2.00	0.00	<b>0.120</b>	1.60	0.00	<b>0.120</b>	-2.68	0.00	
<b>REKR93</b>	<b>0.073</b>	-0.09	0.43	<b>0.062</b>	-0.32	0.16	<b>0.097</b>	0.43	0.17	<b>0.263</b>	1.08	1.49	
<b>Y8Y834</b>	<b>0.083</b>	0.44	2.17	<b>0.083</b>	0.53	2.00	<b>0.100</b>	0.58	2.00	<b>0.230</b>	0.20	1.09	

Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB2209			SRB2210			SRB2211			SRB2212			
	<b>Grand Median</b>	0.075			0.070			0.089			0.22		
<b>Median Abs Dev</b>	0.008			0.013			0.008			0.01			
<b>Avg Within Lab SD</b>	0.013			0.014			0.025			0.02			
<b>Labs Included</b>	8			8			8			8			
<b>Labs Reporting</b>	9			9			9			9			



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>36DR2X</b>	<b>1.66</b>	-1.96	2.30	<b>0.26</b>	-0.78		<b>0.46</b>	-1.90	1.56	<b>0.97</b>	-0.45	2.58	
<b>3RQMRF</b>	<b>2.94</b>	0.55		<b>1.09</b>	1.38		<b>0.66</b>	-0.97		<b>0.87</b>	-1.69		
<b>3TK9K8</b>	<b>2.67</b>	0.02	0.84	<b>1.00</b>	1.15	1.24	<b>0.89</b>	0.09	0.08	<b>1.00</b>	-0.05	0.06	
<b>3YQ2GN</b>	<b>2.65</b>	-0.02	0.06	<b>0.38</b>	-0.47	0.18	<b>0.85</b>	-0.09	0.24	<b>1.00</b>	-0.04	0.15	
<b>7PTBQX</b>	<b>2.80</b>	0.27	0.21	<b>0.56</b>	0.00	0.37	<b>1.07</b>	0.88	0.05	<b>1.20</b>	2.40	0.54	
<b>LLZKW7</b>	<b>2.57</b>	-0.16	0.34	<b>0.91</b>	0.92	1.10	<b>0.94</b>	0.29	0.60	<b>1.01</b>	0.10	0.63	
<b>M9R2U6</b>	<b>2.91</b>	0.50	1.16	<b>0.30</b>	-0.68	1.83	<b>0.94</b>	0.28	0.45	<b>1.05</b>	0.49	0.67	
<b>MDMQE H</b>	<b>2.62</b>	-0.08	0.32	<b>0.34</b>	-0.56	0.47	<b>0.69</b>	-0.85	0.20	<b>0.97</b>	-0.41	0.22	
<b>REKR93</b>	<b>2.96</b>	0.59	0.61	<b>0.61</b>	0.14	0.70	<b>1.01</b>	0.63	0.44	<b>1.09</b>	1.08	0.37	
<b>WAQN2R</b>	<b>1.34</b>	-2.58					<b>0.71</b>	-0.75	2.39	<b>1.01</b>	0.04		

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2209	SRB2210	SRB2211	SRB2212		
<b>Grand Median</b>	2.66	0.56	0.87	1.01		
<b>Median Abs Dev</b>	0.20	0.26	0.15	0.03		
<b>Avg Within Lab SD</b>	0.10	0.05	0.11	0.10		
<b>Labs Included</b>	10	9	10	10		
<b>Labs Reporting</b>	10	9	10	10		



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Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2209			SRB2210			SRB2211			SRB2212			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3TK9K8</b>	<b>0.01</b>	-0.94	0.01	<b>0.18</b>	0.02	0.13	<b>0.19</b>	-0.15	0.09	<b>0.08</b>	-0.06	0.07	
<b>3YQ2GN</b>	<b>0.00</b>	-0.95	0.00	<b>0.18</b>	-0.02	0.28	<b>0.22</b>	0.00	0.33	<b>0.10</b>	0.00	0.15	
<b>7PTBQX</b>	<b>0.36</b>	0.66	0.24	<b>0.44</b>	2.08	0.06	<b>0.43</b>	1.11	1.34	<b>0.47</b>	1.53	1.12	
<b>LLZKW7</b>				<b>0.18</b>	-0.02	0.30	<b>0.13</b>	-0.43	0.42	<b>0.07</b>	-0.13	0.22	
<b>M9R2U6</b>	<b>0.21</b>	0.00	2.22	<b>0.41</b>	1.81	2.41	<b>0.59</b>	1.95	2.21	<b>0.39</b>	1.21	1.80	
<b>MDMQE</b>	<b>0.40</b>	0.84	0.00	<b>1.48</b>	10.32X	1.27	<b>0.40</b>	0.96	0.00	<b>0.53</b>	1.76	1.56	
<b>H</b>													
<b>REKR93</b>				<b>0.17</b>	-0.11	0.08	<b>0.19</b>	-0.12	0.07	<b>0.09</b>	-0.04	0.08	

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2209		SRB2210		SRB2211	
<b>Grand Median</b>	0.21		0.18		0.22	
<b>Median Abs Dev</b>	0.19		0.01		0.08	
<b>Avg Within Lab SD</b>	0.07		0.10		0.06	
<b>Labs Included</b>	5		6		7	
<b>Labs Reporting</b>	5		7		7	



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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg		
WebCode	SRB2209			SRB2210			SRB2211			SRB2212				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3TK9K8</b>	<b>0.4</b>	-0.97	0.17	<b>94.2</b>	0.79	0.43	<b>14.2</b>	-0.25	0.04	<b>89.2</b>	0.00	0.50		
<b>3YQ2GN</b>	<b>0.4</b>	0.52	1.90	<b>94.6</b>	0.93	2.57	<b>14.6</b>	0.55	0.50	<b>102.1</b>	1.82	2.31		
<b>6ECAP7</b>	<b>0.4</b>	0.31	1.06	<b>92.1</b>	0.00	0.14	<b>14.1</b>	-0.35	0.04	<b>86.0</b>	-0.45	0.15		
<b>7PTBQX</b>	<b>6.0</b>	257.23X	69.41	<b>92.0</b>	-0.05	0.19	<b>15.0</b>	1.29	2.58	<b>85.3</b>	-0.55	0.54		
<b>M9R2U6</b>	<b>0.4</b>	-0.31	0.69	<b>94.6</b>	0.92	0.25	<b>14.3</b>	0.00	0.08	<b>91.6</b>	0.33	0.24		
<b>MDMQE H</b>	<b>0.4</b>	-0.61	0.40	<b>88.6</b>	-1.34	0.20	<b>13.2</b>	-1.98	0.12	<b>85.2</b>	-0.56	0.07		
<b>REKR93</b>	<b>0.4</b>	1.33	0.76	<b>90.3</b>	-0.70	0.17	<b>14.5</b>	0.30	0.29	<b>96.4</b>	1.01	1.03		

Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg		
	SRB2209			SRB2210			SRB2211			SRB2212				
<b>Grand Median</b>	0.41			92.1			14.3			89.2				
<b>Median Abs Dev</b>	0.01			2.1			0.2			3.9				
<b>Avg Within Lab SD</b>	0.01			5.4			1.4			3.8				
<b>Labs Included</b>	6			7			7			7				
<b>Labs Reporting</b>	7			7			7			7				



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## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### PH (SubTestCode 301)

Data units:

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3K4CBL	7.95	1.24	0.79	8.39	-1.18	1.46	8.06	0.16	1.02
48ZQUM	7.58	-0.20	0.14	8.42	-0.69	0.28	7.95	-0.69	0.29
7LVRKT	7.44	-0.75	0.21	8.55	1.00	0.49	8.03	-0.05	0.22
7PTBQX	7.39	-0.93	0.00	8.40	-1.00	0.00	7.94	-0.80	0.00
9KBWU3	7.98	1.33	0.55	8.34	-1.80	1.70	7.98	-0.45	1.47
AJT3UT	7.78	0.56	3.04	8.40	-1.05	2.45	7.90	-1.12	2.84
FEFB42	7.40	-0.88	0.47	8.48	0.02	0.37	8.01	-0.21	0.53
GGKFWF	7.68	0.20	0.47	8.47	-0.02	0.28	8.05	0.05	0.08
M9R2U6	7.87	0.90	0.21	8.55	1.00	0.24	8.23	1.51	0.28
NUNAAC	7.82	0.73	1.42	8.55	1.00	0.42	8.19	1.20	0.24
P7CJPP	7.80	0.66	0.88	8.49	0.20	0.24	7.99	-0.40	1.47
UJQ3D3	7.44	-0.73	0.21	8.42	-0.69	0.37	8.06	0.19	0.57
W3PC7U	7.78	0.56	0.10	8.51	0.49	0.16	8.28	1.94	0.56
WAQN2R	7.50	-0.52	1.10	8.51	0.51	0.14	7.97	-0.53	1.37
WDPZXR	7.80	0.65		8.40	-1.00		7.90	-1.12	
XK8TNG	7.52	-0.44	0.47	8.48	0.02	0.61	8.17	1.01	0.16
YCQELC	7.57	-0.25	1.22	8.51	0.42	0.28	8.11	0.56	0.24
YECBT3	7.47	-0.62	0.71	8.47	-0.02	2.12	8.06	0.16	0.65

### PH (SubTestCode 301)

Data units:

	SRW2207	SRW2208	SRW2209
Grand Median	7.63	8.48	8.04
Median Abs Dev	0.17	0.05	0.07
Avg Within Lab SD	0.07	0.04	0.07
Labs Included	18	18	18
Labs Reporting	18	18	18



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3K4CBL	1.55	-4.89X	2.03	0.70	-4.99X	1.10	0.22	-1.31	1.77
48ZQUM	1.75	-1.27	1.21	0.73	-2.57	0.40	0.22	-1.51	0.91
7LVRKT	1.84	0.30	0.10	0.77	0.10	0.10	0.23	0.10	0.17
7PTBQX	1.76	-1.15	0.00	0.76	-0.53	0.00	0.23	-0.61	0.00
9KBWU3	1.85	0.38	0.77	0.78	0.85	1.02	0.24	0.45	2.27
AJT3UT	1.78	-0.81	1.99	0.77	-0.01	0.89	0.23	0.04	1.82
FEFB42	1.79	-0.68	0.29	0.77	-0.28	0.51	0.23	-0.37	0.00
GGKFWF	1.79	-0.57	0.55	0.76	-0.84	0.50	0.23	-0.40	0.22
M9R2U6	1.84	0.21	0.08	0.77	0.19	0.13	0.23	0.00	0.00
NUNAAC	1.87	0.80	1.34	0.79	1.39	0.60	0.24	0.90	1.49
P7CJPP	1.84	0.32	0.77	0.76	-0.51	1.02	0.23	-0.37	0.00
UJQ3D3	1.73	-1.62	1.55	0.75	-1.19	3.10	0.22	-1.59	0.00
W3PC7U	1.84	0.34	0.15	0.78	0.32	0.07	0.24	1.32	0.54
WAQN2R	1.85	0.44	0.00	0.78	0.40	0.51	0.24	0.86	0.00
WDPZXR	1.86	0.62		0.79	1.30		0.24	0.86	
YCQELC	1.81	-0.21	0.58	0.77	-0.28	0.51	0.23	-0.37	0.00
YECBT3	1.77	-1.06	1.85	0.77	0.01	0.98	0.24	0.41	0.99

EC (SubTestCode 302)

Data units: dS/m

	SRW2207	SRW2208	SRW2209
Grand Median	1.83	0.77	0.23
Median Abs Dev	0.03	0.01	0.00
Avg Within Lab SD	0.02	0.01	0.00
Labs Included	16	16	17
Labs Reporting	17	17	17



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3K4CBL</b>	<b>15.97</b>	11.32X	0.54	<b>7.50</b>	11.53X	0.87	<b>2.73</b>	7.29X	2.74
<b>48ZQUM</b>	<b>8.68</b>	0.36	0.12	<b>3.89</b>	-0.03	0.00	<b>1.53</b>	-0.47	0.07
<b>7LVRKT</b>	<b>3.67</b>	-7.18X	0.32	<b>1.64</b>	-7.22X	0.11	<b>1.09</b>	-3.25X	0.05
<b>7PTBQX</b>	<b>8.62</b>	0.27	0.06	<b>3.96</b>	0.20	0.13	<b>1.53</b>	-0.43	0.05
<b>9KBWU3</b>	<b>8.37</b>	-0.11	0.20	<b>3.87</b>	-0.10	0.50	<b>1.53</b>	-0.43	0.69
<b>AJT3UT</b>	<b>8.88</b>	0.66	0.18	<b>4.15</b>	0.82	0.33	<b>1.63</b>	0.21	0.25
<b>FEFB42</b>	<b>8.23</b>	-0.32	2.14	<b>3.72</b>	-0.56	2.23	<b>1.47</b>	-0.86	1.70
<b>GGKFWF</b>	<b>9.86</b>	2.13	1.08	<b>4.38</b>	1.54	1.54	<b>1.74</b>	0.90	0.74
<b>M9R2U6</b>	<b>8.28</b>	-0.23	0.18	<b>3.90</b>	0.00	0.14	<b>1.61</b>	0.07	0.25
<b>NUNAAC</b>	<b>8.44</b>	0.00	0.86	<b>4.03</b>	0.42	1.49	<b>1.76</b>	1.04	2.34
<b>P7CJPP</b>	<b>7.49</b>	-1.43	1.06	<b>3.15</b>	-2.40	1.39	<b>1.17</b>	-2.79	0.61
<b>UJQ3D3</b>	<b>7.77</b>	-1.00	0.24	<b>3.63</b>	-0.87	0.36	<b>1.48</b>	-0.75	0.25
<b>W3PC7U</b>	<b>7.70</b>	-1.11	1.29	<b>3.63</b>	-0.87	1.13	<b>1.56</b>	-0.28	1.04
<b>WAQN2R</b>	<b>8.04</b>	-0.59	0.25	<b>3.84</b>	-0.20	0.31	<b>1.63</b>	0.18	1.36
<b>WDPZXR</b>	<b>8.58</b>	0.21		<b>3.94</b>	0.13		<b>1.60</b>	0.00	
<b>XK8TNG</b>	<b>8.91</b>	0.71	1.97	<b>4.15</b>	0.79	0.35	<b>1.72</b>	0.79	0.42
<b>YCQELC</b>	<b>9.09</b>	0.98	0.75	<b>4.27</b>	1.19	0.69	<b>1.74</b>	0.92	0.96

### Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	8.44	3.90	1.60
<b>Median Abs Dev</b>	0.39	0.18	0.07
<b>Avg Within Lab SD</b>	0.28	0.12	0.08
<b>Labs Included</b>	15	15	15
<b>Labs Reporting</b>	17	17	17



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Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2207			SRW2208			SRW2209			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3K4CBL	17.17	17.60X	4.28	3.17	15.63X	5.99	1.47	16.87X	2.74	
48ZQUM	8.67	0.00	0.12	1.45	-0.57	0.00	0.45	-0.49	0.00	
7LVRKT	5.53	-6.51X	0.34	0.92	-5.60X	0.03	0.28	-3.33X	0.03	
7PTBQX	8.77	0.20	0.15	1.48	-0.28	0.10	0.45	-0.46	0.05	
9KBWU3	8.67	-0.01	0.65	1.53	0.22	1.37	0.50	0.36		
AJT3UT	9.00	0.68	0.72	1.45	-0.57	1.24	0.45	-0.55	1.10	
FEFB42	9.14	0.97	0.76	1.53	0.22	1.07	0.48	0.02	0.47	
GGKFWF	10.09	2.94	1.14	1.52	0.08	1.95	0.32	-2.69	0.55	
M9R2U6	8.64	-0.07	0.00	1.44	-0.69	0.22	0.46	-0.30	0.12	
NUNAAC	8.82	0.31	1.85	1.64	1.23	1.50	0.54	1.07	2.83	
P7CJPP	8.34	-0.69	1.70	1.39	-1.10	1.43	0.41	-1.18	0.82	
UJQ3D3	8.17	-1.04	0.14	1.39	-1.17	0.14	0.44	-0.67	0.47	
W3PC7U	8.18	-1.03	1.00	1.47	-0.38	0.60	0.49	0.13	0.38	
WAQN2R	8.92	0.51	0.10	1.51	0.00	0.49	0.48	0.00	0.58	
WDPZXR	8.47	-0.42		1.65	1.32		0.50	0.36		
XK8TNG	8.63	-0.09	1.63	1.58	0.63	0.36	0.53	0.92	0.64	
YCQELC	9.23	1.16	1.05	1.69	1.66	0.73	0.53	0.93	1.19	

Mg (SubTestCode 304) in the Cations Property Groups				Data units: mmolc/L
	SRW2207	SRW2208	SRW2209	
Grand Median	8.67	1.51	0.48	
Median Abs Dev	0.25	0.06	0.03	
Avg Within Lab SD	0.18	0.04	0.02	
Labs Included	15	15	15	
Labs Reporting	17	17	17	



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### Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3K4CBL</b>	<b>5.80</b>	1.84	1.93	<b>3.42</b>	2.28	1.22	<b>0.37</b>	1.67	0.42
<b>48ZQUM</b>	<b>4.86</b>	0.02	0.19	<b>2.82</b>	-0.02	0.14	<b>0.29</b>	-0.49	0.00
<b>7LVRKT</b>	<b>3.83</b>	-1.99	0.01	<b>2.87</b>	0.17	0.85	<b>0.34</b>	0.94	0.33
<b>7PTBQX</b>	<b>4.71</b>	-0.28	0.08	<b>2.82</b>	0.00	0.09	<b>0.31</b>	0.00	0.18
<b>9KBWU3</b>	<b>4.60</b>	-0.49	1.29	<b>2.67</b>	-0.59	1.44	<b>0.30</b>	-0.21	0.00
<b>AJT3UT</b>	<b>5.20</b>	0.67	0.39	<b>3.10</b>	1.05	0.12	<b>0.33</b>	0.73	1.52
<b>FEFB42</b>	<b>4.59</b>	-0.52	0.45	<b>2.75</b>	-0.28	0.54	<b>0.29</b>	-0.39	0.42
<b>GGKFWF</b>	<b>5.99</b>	2.21	1.65	<b>3.34</b>	1.98	1.58	<b>0.26</b>	-1.40	0.70
<b>M9R2U6</b>	<b>4.96</b>	0.20	0.32	<b>2.81</b>	-0.03	0.63	<b>0.31</b>	-0.05	0.15
<b>NUNAAC</b>	<b>5.03</b>	0.35	1.08	<b>3.05</b>	0.87	1.17	<b>0.35</b>	1.19	2.67
<b>P7CJPP</b>	<b>4.70</b>	-0.29	2.05	<b>2.72</b>	-0.38	2.23	<b>0.31</b>	-0.02	1.52
<b>UJQ3D3</b>	<b>4.62</b>	-0.45	0.13	<b>2.74</b>	-0.33	0.14	<b>0.30</b>	-0.21	1.26
<b>W3PC7U</b>	<b>4.36</b>	-0.95	0.24	<b>2.60</b>	-0.84	0.68	<b>0.37</b>	1.75	0.87
<b>WAQN2R</b>	<b>4.94</b>	0.16	0.19	<b>2.92</b>	0.37	0.13	<b>0.32</b>	0.41	0.47
<b>WDPZXR</b>	<b>4.80</b>	-0.10		<b>2.65</b>	-0.66		<b>0.29</b>	-0.49	
<b>XK8TNG</b>	<b>4.85</b>	0.00	1.14	<b>2.89</b>	0.25	0.22	<b>0.33</b>	0.63	0.44
<b>YCQELC</b>	<b>5.35</b>	0.97	0.79	<b>3.19</b>	1.38	1.26	<b>0.34</b>	0.92	0.73

### Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	4.85	2.82	0.31
<b>Median Abs Dev</b>	0.23	0.10	0.02
<b>Avg Within Lab SD</b>	0.13	0.08	0.01
<b>Labs Included</b>	17	17	17
<b>Labs Reporting</b>	17	17	17



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### K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3K4CBL</b>	<b>0.17</b>	1.02	0.70	<b>0.17</b>	1.22	0.83	<b>0.11</b>	0.76	1.20
<b>48ZQUM</b>	<b>0.15</b>	0.00	0.70	<b>0.15</b>	-0.12	0.00	<b>0.10</b>	0.00	1.20
<b>7LVRKT</b>	<b>0.13</b>	-0.95	0.19	<b>0.15</b>	-0.28	0.21	<b>0.10</b>	-0.07	0.17
<b>7PTBQX</b>	<b>0.15</b>	0.02	0.00	<b>0.16</b>	0.55	0.30	<b>0.10</b>	0.25	0.41
<b>9KBWU3</b>	<b>0.16</b>	0.51	1.86	<b>0.16</b>	0.27	0.83	<b>0.09</b>	-0.51	0.00
<b>AJT3UT</b>	<b>0.06</b>	-4.42X	0.00	<b>0.07</b>	-4.71X	0.00	<b>0.02</b>	-5.57X	1.20
<b>FEFB42</b>	<b>0.10</b>	-2.38	1.22	<b>0.11</b>	-2.22	0.83	<b>0.06</b>	-2.78	2.07
<b>GGKFWF</b>	<b>0.11</b>	-1.72	0.38	<b>0.13</b>	-1.23	0.93	<b>0.08</b>	-1.44	0.50
<b>M9R2U6</b>	<b>0.14</b>	-0.39	0.21	<b>0.15</b>	0.06	0.25	<b>0.10</b>	0.20	0.32
<b>NUNAAC</b>	<b>0.16</b>	0.66	2.42	<b>0.17</b>	1.25	2.73	<b>0.12</b>	1.79	1.89
<b>P7CJPP</b>	<b>0.13</b>	-0.85	0.00	<b>0.14</b>	-0.69	1.43	<b>0.09</b>	-0.76	1.20
<b>UJQ3D3</b>	<b>0.14</b>	-0.17	0.70	<b>0.15</b>	-0.31	0.83	<b>0.09</b>	-0.51	0.00
<b>W3PC7U</b>	<b>0.16</b>	0.67	0.73	<b>0.17</b>	0.88	0.73	<b>0.11</b>	0.66	0.57
<b>WAQN2R</b>	<b>0.14</b>	-0.35	0.13	<b>0.15</b>	0.00	0.28	<b>0.10</b>	-0.11	0.66
<b>WDPZXR</b>	<b>0.15</b>	0.17		<b>0.15</b>	-0.35		<b>0.10</b>	0.03	
<b>XK8TNG</b>	<b>0.15</b>	0.25	0.98	<b>0.16</b>	0.69	0.29	<b>0.10</b>	0.25	0.72

### K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	0.15	0.15	0.10
<b>Median Abs Dev</b>	0.01	0.01	0.01
<b>Avg Within Lab SD</b>	0.01	0.01	0.00
<b>Labs Included</b>	15	15	15
<b>Labs Reporting</b>	16	16	16



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### NH4-N (SubTestCode 307) in the Cations Property Groups Data units: mmolc/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7PTBQX</b>	<b>0.001</b>	0.00	0.03	<b>0.001</b>	-0.14	0.00	<b>0.001</b>	0.00	0.00
<b>FEFB42</b>	<b>0.020</b>	2.64	2.00	<b>0.013</b>	2.44	2.00	<b>0.017</b>	2.47	1.99
<b>M9R2U6</b>	<b>0.001</b>	-0.04	0.06	<b>0.002</b>	0.00	0.04	<b>0.000</b>	-0.10	0.05
<b>NUNAAC</b>	<b>0.001</b>	0.00	0.03	<b>0.001</b>	-0.10	0.12	<b>0.000</b>	-0.09	0.18
<b>WDPZXR</b>	<b>0.006</b>	0.69		<b>0.005</b>	0.70		<b>0.006</b>	0.71	

### NH4-N (SubTestCode 307) in the Cations Property Groups Data units: mmolc/L

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	0.001	0.002	0.001
<b>Median Abs Dev</b>	0.000	0.001	0.001
<b>Avg Within Lab SD</b>	0.000	0.003	0.003
<b>Labs Included</b>	5	5	5
<b>Labs Reporting</b>	5	5	5



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Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2207			SRW2208			SRW2209			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>48ZQUM</b>	<b>22.37</b>	0.38	0.11	<b>8.31</b>	0.00	0.05	<b>2.36</b>	0.00	0.08	
<b>7PTBQX</b>	<b>22.25</b>	0.22	0.10	<b>8.43</b>	0.24	0.11	<b>2.39</b>	0.13	0.02	
<b>FEFB42</b>	<b>22.08</b>	0.00	1.50	<b>8.13</b>	-0.36	1.25	<b>2.32</b>	-0.20	1.04	
<b>NUNAAC</b>	<b>22.45</b>	0.48	1.35	<b>8.90</b>	1.21	1.41	<b>2.77</b>	1.77	2.10	
<b>P7CJPP</b>	<b>20.66</b>	-1.83	1.68	<b>7.41</b>	-1.84	1.83	<b>1.97</b>	-1.71	0.67	
<b>UJQ3D3</b>	<b>20.71</b>	-1.77	0.16	<b>7.90</b>	-0.84	0.20	<b>2.31</b>	-0.22	0.24	
<b>WAQN2R</b>	<b>22.04</b>	-0.05	0.21	<b>8.42</b>	0.23	0.26	<b>2.52</b>	0.69	1.00	

Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
	SRW2207			SRW2208			SRW2209			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>	22.1			8.31			2.36			
<b>Median Abs Dev</b>	0.3			0.17			0.05			
<b>Avg Within Lab SD</b>	0.5			0.22			0.14			
<b>Labs Included</b>	7			7			7			
<b>Labs Reporting</b>	7			7			7			





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### SAR (SubTestCode 309) in the Cations Property Groups

Data units:

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3K4CBL</b>	<b>1.43</b>	-2.05	1.10	<b>1.49</b>	-2.49	1.24	<b>0.25</b>	-1.76	0.54
<b>48ZQUM</b>	<b>1.64</b>	0.55	0.15	<b>1.72</b>	0.06	0.28	<b>0.29</b>	-0.38	0.00
<b>7PTBQX</b>	<b>1.60</b>	0.00	0.08	<b>1.71</b>	0.00	0.03	<b>0.31</b>	0.31	0.23
<b>9KBWU3</b>	<b>1.57</b>	-0.37	1.52	<b>1.63</b>	-0.86	1.40	<b>0.30</b>	0.00	0.00
<b>FEFB42</b>	<b>1.56</b>	-0.45	0.26	<b>1.70</b>	-0.09	0.14	<b>0.30</b>	-0.13	0.54
<b>P7CJPP</b>	<b>1.67</b>	0.91	1.76	<b>1.80</b>	1.02	1.83	<b>0.35</b>	1.76	1.94
<b>UJQ3D3</b>	<b>1.63</b>	0.39	0.53	<b>1.73</b>	0.21	0.24	<b>0.31</b>	0.38	1.61

### SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	1.60	1.71	0.30
<b>Median Abs Dev</b>	0.04	0.02	0.01
<b>Avg Within Lab SD</b>	0.04	0.04	0.01
<b>Labs Included</b>	7	7	7
<b>Labs Reporting</b>	7	7	7



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Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
SRW2207			SRW2208			SRW2209				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>9KBWU3</b>	<b>1.87</b>		1.25	<b>2.07</b>		1.39	<b>0.30</b>		0.00	
<b>UJQ3D3</b>	<b>3.89</b>		0.66	<b>3.65</b>		0.28	<b>0.46</b>		1.41	

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
SRW2207			SRW2208			SRW2209				
<b>Grand Median</b>		2.88		2.86		0.38				
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>		0.05		0.08		0.01				
<b>Labs Included</b>		2		2		2				
<b>Labs Reporting</b>		2		2		2				



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### HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3K4CBL</b>	<b>5.98</b>	1.74	1.40	<b>5.24</b>	0.58	0.65	<b>4.35</b>	27.79X	6.04
<b>48ZQUM</b>	<b>5.62</b>	0.76	0.14	<b>5.25</b>	0.59	0.13	<b>1.85</b>	-0.96	0.44
<b>7PTBQX</b>	<b>5.10</b>	-0.67	0.00	<b>4.48</b>	-0.72	0.00	<b>1.90</b>	-0.38	0.00
<b>9KBWU3</b>	<b>5.67</b>	0.88	0.46	<b>5.13</b>	0.39	1.11	<b>2.00</b>	0.77	
<b>AJT3UT</b>	<b>5.17</b>	-0.47	0.19	<b>4.84</b>	-0.10	0.15	<b>1.97</b>	0.38	0.26
<b>FEFB42</b>	<b>5.17</b>	-0.48	0.23	<b>4.87</b>	-0.06	0.28	<b>1.93</b>	-0.08	0.07
<b>GGKFWF</b>	<b>5.19</b>	-0.43	0.06	<b>3.89</b>	-1.73	0.84	<b>1.97</b>	0.40	0.11
<b>NUNAAC</b>	<b>5.59</b>	0.69	2.76	<b>4.94</b>	0.06	2.84	<b>1.87</b>	-0.74	2.45
<b>P7CJPP</b>	<b>5.14</b>	-0.55	0.05	<b>4.35</b>	-0.94	0.25	<b>1.93</b>	0.00	0.38
<b>UJQ3D3</b>	<b>5.51</b>	0.46	0.39	<b>3.88</b>	-1.74	0.25	<b>1.74</b>	-2.26	0.68
<b>WAQN2R</b>	<b>5.15</b>	-0.54	0.96	<b>5.17</b>	0.45	0.58	<b>1.97</b>	0.46	1.46
<b>WDPZXR</b>	<b>5.50</b>	0.43		<b>5.33</b>	0.72		<b>2.02</b>	1.00	

### HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	5.34	4.90	1.93
<b>Median Abs Dev</b>	0.20	0.34	0.04
<b>Avg Within Lab SD</b>	0.25	0.21	0.08
<b>Labs Included</b>	12	12	11
<b>Labs Reporting</b>	12	12	12



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### CO3 (SubTestCode 312) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7PTBQX</b>				<b>0.27</b>	0.68	0.00			
<b>FEFB42</b>				<b>0.20</b>	-0.01	0.00			
<b>NUNAAC</b>				<b>0.20</b>	0.01	1.72			
<b>P7CJPP</b>				<b>0.31</b>	1.07	1.42			
<b>UJQ3D3</b>				<b>1.00</b>	<b>7.83X</b>	2.96	<b>0.22</b>		1.00
<b>WAQN2R</b>				<b>0.17</b>	-0.31	0.00			
<b>WDPZXR</b>	<b>0.00</b>			<b>0.00</b>	-1.97		<b>0.00</b>		

### CO3 (SubTestCode 312) in the Anions Property Groups Data units: mmolc/L

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	0.001	0.20	0.11
<b>Median Abs Dev</b>		0.05	
<b>Avg Within Lab SD</b>	0.000	0.02	0.02
<b>Labs Included</b>	1	6	2
<b>Labs Reporting</b>	1	7	2



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### CI (SubTestCode 313) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3K4CBL	2.18	3.23X	0.11	2.06	5.09X	0.71	0.94	25.29X	7.11
48ZQUM	1.50	-0.31	0.19	1.21	-0.12	0.10			
7PTBQX	1.61	0.25	0.00	1.31	0.49	0.00	0.10	1.29	0.00
9KBWU3	1.56	0.00	1.50	1.30	0.42	1.58	0.07	0.46	1.39
FEFB42	1.36	-1.02	1.61	1.16	-0.45	0.30	0.03	-0.58	0.46
GGKFWF	1.28	-1.46	0.32	0.99	-1.49	0.23	0.05	0.03	0.17
M9R2U6	1.50	-0.33	0.31	1.23	0.00	0.13	0.04	-0.39	0.14
NUNAAC	1.37	-0.98	2.20	1.17	-0.37	1.85	0.05	-0.03	0.31
P7CJPP	1.59	0.16	0.68	1.29	0.37	2.40	0.06	0.27	1.66
UJQ3D3	1.28	-1.43	0.88	1.04	-1.21	1.25			
W3PC7U	1.60	0.20	0.19	1.13	-0.61	0.44	0.02	-0.88	1.29
WAQN2R	1.73	0.89	0.19	1.32	0.55	0.06	0.07	0.38	0.41
WDPZXR	1.86	1.55		1.58	2.14		0.00	-1.45	
XK8TNG	1.67	0.59	1.42	1.38	0.89	0.37			
YCQELC	1.42	-0.74	0.11	1.15	-0.49	0.10	0.10	1.23	2.01
YECBT3	1.60	0.21	0.84	1.32	0.51	0.50	0.02	-1.09	0.26

### CI (SubTestCode 313) in the Anions Property Groups Data units: mmolc/L

	SRW2207	SRW2208	SRW2209
Grand Median	1.56	1.23	0.054
Median Abs Dev	0.11	0.08	0.018
Avg Within Lab SD	0.05	0.06	0.013
Labs Included	15	15	12
Labs Reporting	16	16	13



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### NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
48ZQUM	0.62	0.09	0.13	0.23	0.06	0.00	0.23	0.05	0.00
7LVRKT	0.64	0.29	0.05	0.25	0.49	0.16	0.23	0.16	0.25
7PTBQX	0.56	-0.67	0.01	0.20	-0.95	0.04	0.21	-0.72	0.03
9KBWU3	0.56	-0.66	0.47	0.24	0.35	0.00	0.23	0.05	0.52
AJT3UT	1.25	7.07X	2.57	0.57	10.04X	0.72	0.36	4.44X	1.07
FEFB42	0.17	-5.00X	0.26	0.11	-3.53X	0.36	0.05	-5.86X	0.00
GGKFWF	0.79	1.93	0.24	0.31	2.37	2.34	0.30	2.30	0.86
M9R2U6	0.64	0.31	0.05	0.24	0.30	0.04	0.23	0.15	0.00
NUNAAC	0.61	-0.09	0.55	0.20	-0.81	0.34	0.20	-1.08	0.22
P7CJPP	0.61	-0.10	2.52	0.22	-0.33	1.99	0.23	-0.05	3.15
UJQ3D3	0.65	0.36	0.13	0.23	-0.06	0.59	0.23	-0.10	0.30
W3PC7U	0.72	1.13	0.29	0.25	0.68	0.23	0.24	0.37	0.17
WAQN2R	0.53	-1.00	1.56	0.21	-0.57	0.77	0.20	-0.80	0.25
WDPZXR	0.50	-1.28		0.18	-1.45		0.16	-2.11	
XK8TNG	0.66	0.49	1.56	0.24	0.22	0.95	0.24	0.22	0.83
YCQELC	0.52	-1.07	1.04	0.20	-0.81	1.24	0.19	-1.26	1.03

### NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW2207	SRW2208	SRW2209
Grand Median	0.62	0.23	0.23
Median Abs Dev	0.05	0.02	0.01
Avg Within Lab SD	0.04	0.02	0.02
Labs Included	14	14	14
Labs Reporting	16	16	16



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SO4 (SubTestCode 315) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2207			SRW2208			SRW2209			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
48ZQUM	15.30	0.90	0.07	2.00	0.15	0.22				
7PTBQX	14.93	0.55	0.03	2.00	0.14	0.12	0.16	-0.01	0.11	
9KBWU3	14.21	-0.16	0.10	1.97	0.00	0.67	0.17	0.17	1.69	
FEFB42	14.38	0.00	0.07	1.88	-0.38	0.91	0.16	0.00	0.73	
GGKFWF	11.71	-2.61	3.25	1.12	-3.88	0.87	0.04	-3.16	0.22	
NUNAAC	14.05	-0.32	0.56	1.83	-0.63	2.25	0.17	0.26	1.30	
P7CJPP	13.60	-0.76	0.05	1.79	-0.82	1.01	0.16	-0.09	0.85	
UJQ3D3	14.14	-0.23	0.04	1.92	-0.21	0.38	0.16	0.09	0.42	
WAQN2R	15.14	0.74	0.09	2.01	0.21	0.12	0.16	-0.04	0.10	
WDPZXR	4.70	-9.47X		0.63	-6.12X		0.06	-2.65		
XK8TNG	14.53	0.15	0.10	2.01	0.21	0.13	0.17	0.17	0.42	
YCQELC	15.40	1.00	0.27	2.14	0.78	1.64	0.19	0.78	1.94	

SO4 (SubTestCode 315) in the Anions Property Groups				Data units: mmolc/L
	SRW2207	SRW2208	SRW2209	
Grand Median	14.4	1.97	0.16	
Median Abs Dev	0.6	0.05	0.01	
Avg Within Lab SD	1.5	0.05	0.01	
Labs Included	11	11	11	
Labs Reporting	12	12	11	



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
	SRW2207			SRW2208			SRW2209			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>48ZQUM</b>	<b>23.07</b>	1.59	0.36	<b>8.69</b>	1.34	0.14	<b>2.08</b>	-1.95	0.36	
<b>7PTBQX</b>	<b>22.20</b>	0.63	0.11	<b>8.25</b>	0.00	0.02	<b>2.37</b>	0.17	0.01	
<b>FEFB42</b>	<b>21.07</b>	-0.61	0.52	<b>8.15</b>	-0.32	0.64	<b>2.17</b>	-1.28	0.10	
<b>NUNAAC</b>	<b>21.63</b>	0.00	2.26	<b>8.34</b>	0.27	2.33	<b>2.29</b>	-0.41	1.93	
<b>P7CJPP</b>	<b>20.72</b>	-1.00	1.14	<b>8.00</b>	-0.79	0.91	<b>2.40</b>	0.46	1.26	
<b>UJQ3D3</b>	<b>21.58</b>	-0.05	0.16	<b>8.06</b>	-0.59	0.39	<b>2.34</b>	0.00	0.52	
<b>WAQN2R</b>	<b>22.39</b>	0.84	0.40	<b>8.71</b>	1.41	0.40	<b>2.40</b>	0.45	1.13	

Sum Anions (SubTestCode 316) in the Anions Property Groups				Data units: mmolc/L	
	SRW2207		SRW2208		SRW2209
<b>Grand Median</b>	21.6		8.25		2.34
<b>Median Abs Dev</b>	0.6		0.19		0.06
<b>Avg Within Lab SD</b>	0.4		0.28		0.10
<b>Labs Included</b>	7		7		7
<b>Labs Reporting</b>	7		7		7





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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
WebCode	SRW2207			SRW2208			SRW2209			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>48ZQUM</b>	<b>-0.700</b>	-0.61	0.61	<b>-0.387</b>	-0.76	0.26	<b>0.283</b>	0.76	0.30	
<b>7PTBQX</b>	<b>0.048</b>	0.20	0.02	<b>0.171</b>	0.50	0.10	<b>0.029</b>	-0.53	0.02	
<b>FEFB42</b>	<b>1.003</b>	1.22	2.12	<b>0.147</b>	0.44	0.45	<b>0.147</b>	0.07	1.16	
<b>NUNAAC</b>	<b>0.825</b>	1.03	1.03	<b>0.552</b>	1.35	2.33	<b>0.485</b>	1.79	1.71	
<b>UJQ3D3</b>	<b>-0.870</b>	-0.79	0.24	<b>-0.245</b>	-0.44	0.41	<b>-0.029</b>	-0.83	0.35	
<b>WAQN2R</b>	<b>-0.318</b>	-0.20	0.11	<b>-0.296</b>	-0.56	0.36	<b>0.121</b>	-0.07	1.23	

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
	SRW2207			SRW2208			SRW2209			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>	-0.135			-0.049			0.13			
<b>Median Abs Dev</b>	0.650			0.234			0.13			
<b>Avg Within Lab SD</b>	0.328			0.190			0.12			
<b>Labs Included</b>	6			6			6			
<b>Labs Reporting</b>	6			6			6			



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### Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>48ZQUM</b>	<b>0.22</b>	0.69	0.00	<b>0.13</b>	0.10	0.44			
<b>7PTBQX</b>	<b>0.20</b>	-0.23	0.11	<b>0.12</b>	-0.25	0.04	<b>0.02</b>	-0.11	0.15
<b>9KBWU3</b>	<b>0.25</b>	1.71	0.62	<b>0.16</b>	1.03	0.87	<b>0.08</b>	2.57	0.75
<b>AJT3UT</b>	<b>0.16</b>	-1.70	0.12	<b>0.08</b>	-1.31	0.17	<b>0.00</b>	-0.63	0.38
<b>M9R2U6</b>	<b>0.21</b>	0.18	0.62	<b>0.12</b>	-0.10	0.00	<b>0.02</b>	0.00	0.00
<b>NUNAAC</b>	<b>0.20</b>	-0.26	0.61	<b>0.12</b>	-0.17	0.26	<b>0.02</b>	0.04	0.20
<b>UJQ3D3</b>	<b>0.20</b>	-0.07	0.00	<b>0.13</b>	0.26	0.58			
<b>W3PC7U</b>	<b>0.20</b>	0.07	1.54	<b>0.20</b>	2.44	1.13	<b>0.05</b>	1.18	0.52
<b>WAQN2R</b>	<b>0.19</b>	-0.44	0.23	<b>0.11</b>	-0.36	0.09	<b>0.01</b>	-0.41	0.00
<b>WDPZXR</b>	<b>0.16</b>	-1.60		<b>0.08</b>	-1.34		<b>0.01</b>	-0.41	
<b>XK8TNG</b>	<b>0.22</b>	0.69	2.16	<b>0.14</b>	0.41	2.65			
<b>YCQELC</b>	<b>0.21</b>	0.44	1.65	<b>0.13</b>	0.31	1.15	<b>0.04</b>	0.73	2.64

### Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	0.20	0.12	0.020
<b>Median Abs Dev</b>	0.01	0.01	0.010
<b>Avg Within Lab SD</b>	0.01	0.01	0.008
<b>Labs Included</b>	12	12	9
<b>Labs Reporting</b>	12	12	9



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups										Data units: mg/L
	SRW2207			SRW2208			SRW2209			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>7LVRKT</b>	<b>0.21</b>		1.32	<b>0.19</b>		0.39	<b>0.27</b>		0.28	
<b>NUNAAC</b>	<b>0.20</b>		0.50	<b>0.19</b>		1.36	<b>0.26</b>		1.39	
<b>WDPZXR</b>	<b>0.40</b>			<b>0.26</b>			<b>0.33</b>			

PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups										Data units: mg/L
	SRW2207			SRW2208			SRW2209			
<b>Grand Median</b>		0.21			0.19			0.27		
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>		0.00			0.00			0.00		
<b>Labs Included</b>		3			3			3		
<b>Labs Reporting</b>		3			3			3		



## ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022

### Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups

Data units: mg/L

WebCode	SRW2207			SRW2208			SRW2209		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7PTBQX</b>	<b>0.21</b>	0.00	0.94	<b>0.20</b>	0.00	1.01	<b>0.25</b>	-0.13	0.75
<b>M9R2U6</b>	<b>0.21</b>	0.00	0.88	<b>0.20</b>	-0.09	0.77	<b>0.26</b>	0.00	0.00
<b>WAQN2R</b>	<b>0.02</b>	-1.60	0.00	<b>0.02</b>	-2.51	0.00	<b>0.02</b>	-2.43	0.00
<b>WDPZXR</b>	<b>0.40</b>	1.66		<b>0.26</b>	0.77		<b>0.33</b>	0.71	
<b>XK8TNG</b>	<b>0.22</b>	0.11	1.53	<b>0.20</b>	0.00	1.54	<b>0.27</b>	0.10	1.85

### Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups

Data units: mg/L

	SRW2207	SRW2208	SRW2209
<b>Grand Median</b>	0.21	0.20	0.26
<b>Median Abs Dev</b>	0.01	0.01	0.01
<b>Avg Within Lab SD</b>	0.01	0.01	0.01
<b>Labs Included</b>	5	5	5
<b>Labs Reporting</b>	5	5	5



ALP Program - Participant Web Summary Report - Cycle 49 - Fall 2022