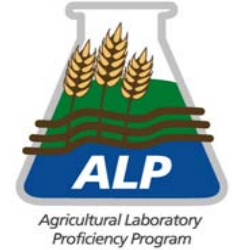


# ALP Program

## 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 - Summer 2019 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Summer 2019 (Cycle 39) was completed in August 2019, with participation by 106 labs from the United States, Canada, Guatemala, Honduras, South Africa, Italy, Ukraine, 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 Canada.



Standard Reference Soils (SRS), materials used for the soils program were: SRS1906 a Mainly Orthic sandy loam collected from Arcola, SK CANADA; SRS1907 a Loring silt loam collected from Haywood Cty, TN; SRS1908 a Casa Grande sandy loam collected from Pinal Cty, AZ; SRS1909 a Broadbrook silt loam collected from Hartford Cty, CT; and SRS1910 a Monona-Ida silt loam collected from Sarpy Cty, NE. Standard Reference Botanical (SRB) materials were: SRB1905 soybean leaf composite from AR; SRB1906 potato leaf composite from WA; SRB1907 grape petiole composite from CA and SRB1908 arugula leaf composite from CA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1904 a field tile drain in MN, SRW1905 a canal in WY, and SRW1906 a creek in WA.

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 4 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.

$$\text{WithinLab Performance} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}}$$

$$\text{Laboratory-Sample Bias} = \frac{(\text{laboratory mean} - \text{Grand Median})}{\text{M.A.D.}}$$

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.

$$\text{k Score} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}}$$

$$\text{Z Score} = \frac{(\text{laboratory mean} - \text{Grand Median})}{1.48(\text{M.A.D.})}$$



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.



### Choosing the Statistics Used

In this report and the Individual Performance Analysis Report, ALP participants should note that CTS has used means and medians to calculate averages, as well as standard deviations and Median Absolute Deviation (M.A.D.) to estimate dispersion about these averages. The use of multiple averages and multiple measures of dispersion has the potential to lead to confusion. This note is intended to explain the rationale behind the choice of statistics used. **As a guideline, we have chosen means and standard deviations to describe within laboratory measures and the median and M.A.D. to describe between laboratory measures.**

#### Why did we decide this?

This decision is based upon the assumption that within each laboratory there measurement process is "in-control." If one of the triplicate determinations was very different from the other results, it would likely be discarded as an outlier and the sample tested again. Additionally, laboratories use training, maintenance, calibration and check samples to produce reliable results based on a historical perspective. Because of these two factors, absence of outliers and relative consistency, the assumption is made that the results will be normally distributed. Although in reality this is often not true, it is the conventional practice. Mean and standard deviations provide good estimates of value and dispersion in this case.

On the other hand, we have not made this same "in-control" assumption about the between laboratory comparisons. As a result, we have chosen more robust estimators of value and dispersion. In many cases, the median will be less affected by outliers than the mean when dealing with a small number of measurements. Similarly, the average difference and the M.A.D. will often yield more accurate estimates of dispersion than the standard deviation when dealing with a "flawed sample." Here the term flawed sample refers to a group of measurements that differs from the idealized normal distribution. Moreover, the M.A.D. will also make the dispersion estimate less susceptible to outliers than the use of standard deviations. Unlike the M.A.D., a standard deviation emphasizes larger deviations by the squaring of the difference.



The choice of statistics used is not the only choice that may be made, nor were the presented statistics the only ones calculated for the Demonstration Round. CTS, in conjunction with Dr. Miller, chose the measures used in the report based on the utility the measures provide to the participants. We will continue to evaluate our statistical choices and make changes to provide the best tools for evaluating your laboratory's measurement performance. However we will balance this need with our ongoing commitment to simplicity of interpretation.



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>2Q2XZU</b>	<b>25.2</b>	-0.9	0.2	<b>33.1</b>	-0.8	0.3	<b>29.3</b>	-0.9	0.6	<b>37.7</b>	-0.1	0.6	<b>43.4</b>	-0.5	0.1	
<b>39EBYX</b>	<b>29.3</b>	0.2	0.1	<b>36.6</b>	0.2	0.9	<b>36.7</b>	0.6	0.4	<b>41.2</b>	0.7	1.7	<b>51.2</b>	0.7	1.5	
<b>42C7EX</b>	<b>30.0</b>	0.4	0.8	<b>34.0</b>	-0.5	0.7	<b>28.3</b>	-1.1	0.4	<b>38.0</b>	-0.1	1.3	<b>43.7</b>	-0.4	1.7	
<b>6NKG32</b>	<b>25.0</b>	-1.0		<b>31.7</b>	-1.2	0.8	<b>33.7</b>	0.0	0.4	<b>31.3</b>	-1.6	0.8	<b>41.7</b>	-0.7	0.4	
<b>A78MXT</b>	<b>27.7</b>	-0.2	1.0	<b>34.3</b>	-0.4	0.4	<b>29.7</b>	-0.8	0.4	<b>37.7</b>	-0.1	0.8	<b>43.7</b>	-0.4	0.4	
<b>AKJYTE</b>	<b>28.2</b>	-0.1		<b>38.4</b>	0.7		<b>41.2</b>	1.6		<b>39.8</b>	0.4		<b>54.1</b>	1.2		
<b>C7XA8G</b>	<b>32.6</b>	1.1	0.8	<b>40.2</b>	1.1	0.3	<b>36.5</b>	0.6	0.6	<b>42.9</b>	1.1	0.8	<b>55.2</b>	1.4	0.4	
<b>D48QWN</b>	<b>23.1</b>	-1.5	0.5	<b>30.0</b>	-1.6	0.4	<b>27.9</b>	-1.2	1.0	<b>35.0</b>	-0.8	0.8	<b>41.9</b>	-0.7	1.0	
<b>KXZ99G</b>	<b>31.1</b>	0.7		<b>35.7</b>	-0.1		<b>33.6</b>	0.0		<b>34.3</b>	-0.9		<b>45.9</b>	-0.1		
<b>QJFYNY</b>	<b>27.7</b>	-0.2	0.1	<b>36.0</b>	0.0	0.4	<b>34.5</b>	0.2	1.0	<b>38.5</b>	0.1	0.7	<b>46.5</b>	0.0	0.4	
<b>QMXKND</b>	<b>27.5</b>	-0.3	0.5	<b>31.2</b>	-1.3	0.3	<b>29.7</b>	-0.8	0.4	<b>33.9</b>	-1.0	1.1	<b>41.8</b>	-0.7	0.7	
<b>QZK84Z</b>	<b>28.6</b>	0.0	0.2	<b>36.0</b>	0.0		<b>38.4</b>	1.0	0.6	<b>40.7</b>	0.6	0.0	<b>51.8</b>	0.8	0.7	
<b>R3LUVV</b>	<b>30.5</b>	0.5	0.8	<b>39.7</b>	1.0	0.9	<b>41.6</b>	1.7	1.2	<b>43.1</b>	1.1	0.8	<b>58.5</b>	1.9	1.8	
<b>TEEBKW</b>	<b>23.7</b>	-1.3	0.3	<b>32.1</b>	-1.0	0.4	<b>36.2</b>	0.5	0.7	<b>30.4</b>	-1.8	0.3	<b>43.4</b>	-0.5	0.3	
<b>UDEHV9</b>	<b>30.7</b>	0.6	2.3	<b>36.0</b>	0.0	1.8	<b>33.1</b>	-0.1	2.3	<b>50.4</b>	<b>2.9X</b>	2.7	<b>52.3</b>	0.9	0.3	
<b>UECTQB</b>	<b>24.8</b>	-1.0	0.1	<b>29.6</b>	-1.7	2.6	<b>33.5</b>	0.0	1.9	<b>36.0</b>	-0.5	0.7	<b>42.8</b>	-0.5	0.0	
<b>V9GTWV</b>	<b>29.3</b>	0.2	0.5	<b>36.0</b>	0.0		<b>31.7</b>	-0.4	0.4	<b>39.7</b>	0.3	0.8	<b>46.3</b>	0.0	0.4	
<b>XKJ3GM</b>	<b>32.3</b>	1.0	0.5	<b>38.0</b>	0.5	0.7	<b>33.7</b>	0.0	0.4	<b>40.7</b>	0.6	0.8	<b>48.3</b>	0.3	0.4	
<b>Y4YVE4</b>	<b>25.4</b>	-0.8	1.0	<b>33.2</b>	-0.7	0.4	<b>30.2</b>	-0.7	0.2	<b>37.0</b>	-0.3	0.3	<b>44.2</b>	-0.3	2.0	
<b>YJR43N</b>	<b>32.3</b>	1.0	0.5	<b>38.3</b>	0.6	1.0	<b>30.7</b>	-0.6	1.2	<b>40.3</b>	0.5	2.0	<b>47.3</b>	0.2	1.1	
<b>Z4C4F3</b>	<b>32.3</b>	1.0	2.7	<b>38.2</b>	0.6	1.3	<b>39.6</b>	1.3	1.5	<b>42.0</b>	0.9	1.7	<b>59.1</b>	2.0	1.6	



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
<b>Grand Median</b>	28.6	36.0	33.6	38.3	46.3	
<b>Median Abs Dev</b>	2.5	2.4	3.1	2.4	3.5	
<b>Avg Within Lab SD</b>	1.2	1.5	1.3	0.8	1.4	
<b>Labs Included</b>	21	21	21	20	21	
<b>Labs Reporting</b>	21	21	21	21	21	



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>42C7EX</b>	<b>7.44</b>	0.50	0.38	<b>7.22</b>	-0.33	0.45	<b>7.82</b>	0.05	0.35	<b>5.89</b>	1.39	0.95	<b>5.62</b>	0.42	1.25	
<b>98ZXXG</b>	<b>7.40</b>	0.27	0.98	<b>7.36</b>	0.55	0.92	<b>7.86</b>	0.30	0.14	<b>5.66</b>	-0.85	2.03	<b>5.46</b>	-1.39	1.73	
<b>A78MXT</b>	<b>7.23</b>	-0.67	0.67	<b>7.24</b>	-0.23	0.99	<b>7.79</b>	-0.11	0.36	<b>5.75</b>	0.10	0.53	<b>5.60</b>	0.15	1.09	
<b>AKJYTE</b>	<b>7.28</b>	-0.41		<b>7.24</b>	-0.23		<b>7.78</b>	-0.17		<b>5.85</b>	1.03		<b>5.57</b>	-0.15		
<b>C7XA8G</b>	<b>7.00</b>	-1.98	2.85	<b>7.38</b>	0.68	1.71	<b>7.50</b>	-1.89	0.95	<b>4.66</b>	-10.45X	2.01	<b>4.35</b>	-14.18X	1.52	
<b>D48QWN</b>	<b>7.27</b>	-0.48	0.25	<b>7.29</b>	0.08	0.12	<b>7.71</b>	-0.58	0.37	<b>5.73</b>	-0.13	0.17	<b>5.50</b>	-1.00	0.60	
<b>KXZ99G</b>	<b>7.21</b>	-0.80		<b>7.15</b>	-0.81		<b>7.52</b>	-1.77		<b>5.90</b>	1.52		<b>5.59</b>	0.08		
<b>QJFYNY</b>	<b>7.32</b>	-0.20	0.13	<b>7.23</b>	-0.27	0.12	<b>7.74</b>	-0.42	0.32	<b>5.68</b>	-0.61	0.17	<b>5.49</b>	-1.07	0.76	
<b>QMXKND</b>	<b>7.47</b>	0.65	0.33	<b>7.41</b>	0.85	0.97	<b>7.98</b>	1.05	0.43	<b>5.77</b>	0.26	0.30	<b>5.65</b>	0.73	0.44	
<b>QZK84Z</b>	<b>7.34</b>	-0.05	0.13	<b>7.26</b>	-0.08	0.12	<b>7.81</b>	0.01	0.12	<b>5.84</b>	0.90	0.10	<b>5.60</b>	0.15	0.17	
<b>R3LUVV</b>	<b>7.46</b>	0.62	0.22	<b>7.33</b>	0.33	0.50	<b>7.94</b>	0.81	0.12	<b>5.78</b>	0.35	0.52	<b>5.63</b>	0.50	0.92	
<b>TEEBKW</b>	<b>7.36</b>	0.05	0.58	<b>7.26</b>	-0.10	0.86	<b>7.76</b>	-0.28	0.37	<b>5.77</b>	0.23	0.79	<b>5.52</b>	-0.73	1.00	
<b>UDEHV9</b>	<b>7.53</b>	1.03	1.26	<b>7.50</b>	1.45		<b>8.20</b>	2.40	3.17	<b>5.73</b>	-0.10	1.98	<b>5.60</b>	0.19	0.00	
<b>UECTQB</b>	<b>7.49</b>	0.79	1.09	<b>7.32</b>	0.31	2.42	<b>7.84</b>	0.19	1.69	<b>5.60</b>	-1.39	0.62	<b>5.53</b>	-0.61	0.76	
<b>V9GTWV</b>	<b>7.49</b>	0.80	0.13	<b>7.48</b>	1.35	0.12	<b>7.81</b>	-0.01	1.36	<b>5.74</b>	0.00	1.01	<b>5.59</b>	0.08	1.49	
<b>VMLR8M</b>	<b>7.20</b>	-0.86		<b>7.10</b>	-1.13		<b>7.60</b>	-1.28		<b>5.60</b>	-1.39		<b>5.40</b>	-2.11		
<b>XKJ3GM</b>	<b>7.39</b>	0.22	0.44	<b>7.37</b>	0.59	0.76	<b>7.85</b>	0.28	0.35	<b>5.75</b>	0.10	1.44	<b>5.69</b>	1.23	1.32	
<b>Y4YVE4</b>	<b>7.31</b>	-0.22	1.64	<b>7.22</b>	-0.38	0.82	<b>7.91</b>	0.62	0.55	<b>5.68</b>	-0.58	1.46	<b>5.58</b>	0.00	1.58	
<b>YJR43N</b>	<b>7.51</b>	0.90	0.22	<b>7.45</b>	1.11	0.66	<b>7.91</b>	0.62	0.21	<b>5.69</b>	-0.52	0.34	<b>5.57</b>	-0.11	0.44	
<b>Z4C4F3</b>	<b>7.00</b>	-2.00		<b>6.87</b>	-2.64	1.24	<b>7.70</b>	-0.66	0.00	<b>5.60</b>	-1.39	0.00	<b>5.40</b>	-2.11	0.00	

pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	7.35			7.28			7.81			5.74			5.58			
<b>Median Abs Dev</b>	0.11			0.07			0.08			0.06			0.04			
<b>Avg Within Lab SD</b>	0.05			0.05			0.08			0.06			0.03			
<b>Labs Included</b>	20			20			20			19			19			
<b>Labs Reporting</b>	20			20			20			20			20			





## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910				
	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>2Q2XZU</b>	<b>2.88</b>	0.72	0.66	<b>1.62</b>	0.55	0.13	<b>1.68</b>	0.26	0.19	<b>1.64</b>	0.07	0.86	<b>1.19</b>	0.18	0.99		
<b>39EBYX</b>	<b>2.73</b>	0.27	0.37	<b>1.73</b>	1.17	0.76	<b>1.92</b>	1.39	1.17	<b>1.74</b>	0.52	1.39	<b>1.26</b>	0.68	1.83		
<b>42C7EX</b>	<b>2.89</b>	0.77	0.16	<b>1.71</b>	1.09	0.69	<b>1.84</b>	1.03	1.07	<b>1.82</b>	0.85	1.94	<b>1.25</b>	0.61	0.66		
<b>6NKG32</b>	<b>2.55</b>	-0.27	0.42	<b>1.47</b>	-0.37	0.70	<b>1.62</b>	0.00	0.44	<b>1.72</b>	0.41	1.12	<b>1.26</b>	0.68	0.54		
<b>6NKG3T</b>	<b>2.53</b>	-0.34	0.59	<b>1.53</b>	0.01	0.77	<b>1.53</b>	-0.43	0.79	<b>1.73</b>	0.48	0.92	<b>1.20</b>	0.26	0.00		
<b>7L929R</b>	<b>2.43</b>	-0.66	0.16	<b>1.38</b>	-0.89	0.24	<b>1.48</b>	-0.70	0.16	<b>1.46</b>	-0.67	0.30	<b>1.03</b>	-0.86	0.65		
<b>98ZXXG</b>	<b>2.96</b>	0.99	0.47	<b>1.63</b>	0.60	0.07	<b>1.78</b>	0.73	0.84	<b>1.66</b>	0.16	0.07	<b>1.31</b>	0.99	1.49		
<b>A78MXT</b>	<b>2.75</b>	0.33	0.51	<b>1.42</b>	-0.67	0.40	<b>1.73</b>	0.51	0.27	<b>1.59</b>	-0.12	0.48	<b>1.16</b>	0.00	0.43		
<b>AKJYTE</b>	<b>2.93</b>	0.89		<b>1.50</b>	-0.19		<b>1.87</b>	1.17		<b>1.66</b>	0.17		<b>1.20</b>	0.26			
<b>C7XA8G</b>	<b>2.46</b>	-0.57	0.10	<b>1.47</b>	-0.39	0.64	<b>1.51</b>	-0.53	0.16	<b>1.39</b>	-0.96	2.11	<b>1.08</b>	-0.52	0.80		
<b>D48QWN</b>	<b>2.34</b>	-0.94	0.29	<b>1.27</b>	-1.54	0.34	<b>1.39</b>	-1.11	1.32	<b>1.27</b>	-1.48	0.96	<b>0.97</b>	-1.25	0.22		
<b>KXZ99G</b>	<b>2.38</b>	-0.81		<b>1.38</b>	-0.91		<b>1.47</b>	-0.73		<b>1.14</b>	-2.02		<b>1.31</b>	0.98			
<b>QJFYNY</b>	<b>2.67</b>	0.08	1.00	<b>1.55</b>	0.09	0.34	<b>1.49</b>	-0.63	0.63	<b>1.60</b>	-0.07	0.49	<b>1.11</b>	-0.35	0.33		
<b>QMXKND</b>	<b>2.74</b>	0.29	0.60	<b>1.53</b>	0.01	0.43	<b>1.46</b>	-0.76	0.97	<b>1.46</b>	-0.67	0.73	<b>1.12</b>	-0.26	0.74		
<b>QZK84Z</b>	<b>2.69</b>	0.16	0.12	<b>1.52</b>	-0.07	0.46	<b>1.64</b>	0.09	0.40	<b>1.54</b>	-0.35	0.49	<b>1.16</b>	0.00	0.37		
<b>R3LUVV</b>	<b>2.86</b>	0.67	0.47	<b>1.65</b>	0.71	1.45	<b>1.70</b>	0.36	1.67	<b>1.66</b>	0.17	0.80	<b>1.15</b>	-0.04	0.97		
<b>TEEBKW</b>	<b>3.06</b>	1.29	0.44	<b>1.62</b>	0.51	0.28	<b>1.75</b>	0.60	0.83	<b>2.06</b>	1.87	0.33	<b>1.41</b>	1.62	0.66		
<b>UDEHV9</b>	<b>2.42</b>	-0.69	3.62	<b>1.53</b>	-0.03	1.14	<b>1.66</b>	0.19	0.91	<b>1.42</b>	-0.85	1.35	<b>1.07</b>	-0.59	0.78		
<b>UECTQB</b>	<b>3.05</b>	1.26	0.67	<b>1.71</b>	1.09	2.66	<b>1.63</b>	0.04	1.73	<b>1.83</b>	0.90	1.11	<b>1.24</b>	0.52	3.01		
<b>V9GTWV</b>	<b>2.62</b>	-0.08	0.16	<b>1.58</b>	0.30	0.08	<b>1.61</b>	-0.04	0.30	<b>1.66</b>	0.16	0.06	<b>1.14</b>	-0.12	0.15		
<b>VMLR8M</b>	<b>2.50</b>	-0.44		<b>1.70</b>	1.01		<b>1.70</b>	0.36		<b>1.60</b>	-0.08		<b>1.20</b>	0.26			
<b>XKJ3GM</b>	<b>1.01</b>	-5.04X	1.94	<b>0.74</b>	-4.71X	0.41	<b>1.33</b>	-1.38	0.68	<b>0.77</b>	-3.59X	3.64	<b>0.84</b>	-2.10	0.37		
<b>Y4YVE4</b>	<b>2.47</b>	-0.54	1.17	<b>1.35</b>	-1.11	1.72	<b>1.13</b>	-2.33	2.10	<b>1.41</b>	-0.88	0.16	<b>0.92</b>	-1.60	0.33		
<b>YJR43N</b>	<b>2.37</b>	-0.85	0.21	<b>1.53</b>	-0.01	0.35	<b>1.61</b>	-0.05	0.32	<b>1.65</b>	0.14	0.09	<b>1.11</b>	-0.35	1.06		
<b>Z4C4F3</b>	<b>1.90</b>	-2.30	1.58	<b>1.05</b>	-2.90	1.98	<b>1.32</b>	-1.44	1.48	<b>1.11</b>	-2.14	1.39	<b>0.89</b>	-1.77	0.43		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups							Data units: dS/m
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910		
<b>Grand Median</b>	2.64	1.53	1.62	1.62	1.16		
<b>Median Abs Dev</b>	0.22	0.10	0.13	0.12	0.08		
<b>Avg Within Lab SD</b>	0.10	0.07	0.07	0.06	0.05		
<b>Labs Included</b>	24	24	25	24	25		
<b>Labs Reporting</b>	25	25	25	25	25		



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HCO <sub>3</sub> -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>2Q2XZU</b>	<b>1.12</b>	-0.73	0.66	<b>3.14</b>	0.19	0.22	<b>1.97</b>	-0.28	0.81	<b>0.27</b>	-0.45	0.23	<b>0.26</b>	-0.32	0.08
<b>42C7EX</b>	<b>1.49</b>	0.22	0.73	<b>2.79</b>	-0.19	0.88	<b>2.38</b>	0.77	1.12	<b>0.39</b>	-0.10	0.69	<b>0.37</b>	0.00	0.46
<b>A78MXT</b>	<b>1.60</b>	0.48	0.00	<b>4.07</b>	1.19	1.58	<b>2.73</b>	1.67	1.14	<b>0.47</b>	0.10	1.63	<b>0.20</b>	-0.48	0.00
<b>C7XA8G</b>	<b>0.91</b>	-1.25	0.22	<b>2.45</b>	-0.56	1.46	<b>2.11</b>	0.08	0.15	<b>0.21</b>	-0.65	0.29			
<b>D48QWN</b>	<b>1.67</b>	0.65	1.14	<b>3.60</b>	0.69	0.00	<b>1.87</b>	-0.55	0.57	<b>0.97</b>	1.56	0.81	<b>0.87</b>	1.45	0.55
<b>QMXKND</b>	<b>1.68</b>	0.68	1.64	<b>3.29</b>	0.36	0.69	<b>2.05</b>	-0.08	1.38	<b>1.06</b>	1.82	1.77	<b>1.13</b>	2.22	1.86
<b>UDEHV9</b>	<b>0.94</b>	-1.17	1.15	<b>1.25</b>	-1.87	0.82	<b>1.37</b>	-1.83	0.50	<b>0.37</b>	-0.18	0.99	<b>0.32</b>	-0.14	0.48
<b>Z4C4F3</b>	<b>1.32</b>	-0.22	1.29	<b>2.64</b>	-0.35	1.18	<b>2.14</b>	0.15	1.51	<b>0.61</b>	0.52	0.00	<b>0.41</b>	0.12	1.67

HCO <sub>3</sub> -sp (SubTestCode 104) in the Salinity Property Groups						Data units: mmolc/L	
	SRS1906		SRS1907		SRS1908	SRS1909	SRS1910
<b>Grand Median</b>	1.41		2.97		2.08	0.43	0.37
<b>Median Abs Dev</b>	0.27		0.42		0.16	0.17	0.11
<b>Avg Within Lab SD</b>	0.13		0.15		0.20	0.07	0.11
<b>Labs Included</b>	8		8		8	8	7
<b>Labs Reporting</b>	8		8		8	8	7



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K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	0.75	0.81	0.02	0.97	0.45	0.15	0.34	0.61	0.11	0.76	0.39	0.59	0.75	0.76	0.47	
39EBYX	0.72	0.47	0.44	1.03	0.93	1.04	0.33	0.40	0.63	0.76	0.42	0.17	0.75	0.67	0.86	
42C7EX	0.68	0.00	0.56	0.98	0.54	0.52	0.33	0.25	1.17	0.71	0.00	1.10	0.72	0.39	0.48	
98ZXXG	0.64	-0.50	0.44	0.73	-1.26	1.24	0.27	-1.18	0.88	0.55	-1.17	1.24	0.67	-0.27	2.46	
AKJYTE	0.64	-0.49		0.76	-1.04		0.32	0.07		0.59	-0.87		0.63	-0.71		
C7XA8G	0.68	0.01	0.56	0.90	0.00	1.13	0.32	0.00	0.17	0.73	0.16	0.27	0.71	0.20	0.44	
KXZ99G	0.54	-1.64		0.64	-1.90		0.27	-1.17		0.45	-1.90		0.57	-1.42		
QJFYNY	0.70	0.20	0.36	0.95	0.30	0.81	0.29	-0.68	0.41	0.72	0.12	0.33	0.69	0.00	0.30	
QZK84Z	0.92	2.73	0.36	0.97	0.45	0.74	0.36	1.06	0.41	0.76	0.42	1.01	0.77	0.98	0.46	
R3LUVV	0.69	0.12	1.27	0.90	-0.01	0.98	0.30	-0.34	0.47	0.66	-0.32	0.66	0.65	-0.47	1.03	
TEEBKW	0.78	1.12	0.00	1.01	0.78	0.81	0.33	0.32	0.41	0.90	1.43	0.76	0.75	0.75	0.46	
UDEHV9	0.66	-0.30	0.32	0.89	-0.08	1.04	0.35	0.81	1.79	0.62	-0.67	2.61	0.63	-0.75	1.94	
V9GTWV	0.68	-0.02	0.04	0.92	0.08	0.32	0.31	-0.16	0.14	0.71	0.06	0.17	0.70	0.12	0.10	
XKJ3GM	0.57	-1.34	1.21	0.80	-0.75	0.00	0.23	-2.08	2.37	0.60	-0.79	0.00	0.60	-1.06	0.00	
XV6PK3	21.91	244.21X		11.63	76.99X		5.46	127.48X		9.17	62.65X		6.78	71.84X		
Z4C4F3	0.65	-0.38	2.92	0.69	-1.56	2.19	0.28	-1.01	0.95	0.52	-1.41	0.92	0.56	-1.57	0.46	

K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	0.68			0.90			0.32			0.71			0.69			
Median Abs Dev	0.04			0.08			0.02			0.06			0.06			
Avg Within Lab SD	0.05			0.03			0.02			0.03			0.03			
Labs Included	15			15			15			15			15			
Labs Reporting	16			16			16			16			16			



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Ca - sp (SubTestCode 106) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	25.0	1.0	0.1	13.5	1.1	0.3	5.7	0.6	0.4	9.1	0.7	0.6	7.7	1.1	0.4	
39EBYX	22.2	0.1	0.3	12.6	0.6	0.9	5.8	0.7	0.9	9.2	0.8	0.4	7.4	0.7	1.4	
42C7EX	20.8	-0.3	1.0	12.8	0.7	0.4	5.3	0.1	0.6	8.7	0.4	1.0	7.3	0.6	1.1	
98ZXXG	25.9	1.4	1.6	11.5	0.0	1.3	6.2	1.2	1.4	7.6	-0.4	1.2	7.3	0.7	2.3	
A78MXT	20.8	-0.3	0.4	10.6	-0.5	1.1	5.4	0.2	0.1	7.7	-0.3	0.8	6.6	-0.2	0.4	
AKJYTE	21.5	-0.1		9.9	-0.9		5.5	0.3		7.8	-0.2		6.5	-0.3		
C7XA8G	23.0	0.4	0.9	12.0	0.2	1.2	5.2	0.0	0.4	8.1	0.0	1.0	6.8	0.0	0.9	
D48QWN	21.1	-0.3	0.8	11.3	-0.1	1.3	4.9	-0.4	1.9	7.6	-0.4	0.6	6.8	0.1	0.4	
KXZ99G	17.2	-1.6		8.9	-1.5		4.4	-1.1		5.0	-2.2		5.9	-1.0		
QJFYNY	22.8	0.3	0.5	12.3	0.4	0.6	4.6	-0.8	0.5	8.7	0.4	0.4	6.6	-0.2	0.6	
QMXKND	22.6	0.3	0.4	14.3	1.5	0.3	6.2	1.1	0.7	8.8	0.5	1.7	7.4	0.8	1.4	
QZK84Z	23.9	0.7	0.3	12.2	0.4	0.8	5.6	0.4	0.3	8.3	0.1	0.7	6.9	0.2	0.3	
R3LUVV	21.9	0.0	1.8	10.9	-0.4	1.3	5.0	-0.3	1.2	7.5	-0.5	0.3	6.1	-0.8	0.8	
TEEBKW	24.7	1.0	0.1	13.1	0.8	0.3	5.7	0.6	1.3	11.3	2.3	0.8	8.1	1.6	1.0	
UDEHV9	19.1	-0.9	2.3	11.1	-0.3	0.6	4.7	-0.6	1.0	7.0	-0.8	1.8	5.9	-1.1	1.5	
V9GTWV	21.3	-0.2	0.1	11.6	0.0	0.1	4.7	-0.7	0.3	8.5	0.3	0.1	6.7	-0.1	0.1	
XKJ3GM	17.8	-1.4	0.3	10.6	-0.5	0.2	4.2	-1.2	0.1	8.0	-0.1	0.8	6.0	-1.0	0.2	
XV6PK3	4.0	-6.0X		2.3	-5.2X		1.1	-5.1X		5.8	-1.6X		2.6	-4.9X		
Y4YVE4	23.1	0.4	1.1	12.6	0.6	1.5	4.4	-1.1	2.1	9.0	0.6	0.8	6.9	0.2	0.8	
Z4C4F3	15.3	-2.2	1.3	7.5	-2.2	2.1	4.1	-1.4	0.7	5.6	-1.8	1.9	4.9	-2.2	0.6	

Ca - sp (SubTestCode 106) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	21.9			11.6			5.24			8.12			6.77			
Median Abs Dev	1.2			1.0			0.49			0.61			0.57			
Avg Within Lab SD	1.2			0.6			0.41			0.33			0.35			
Labs Included	19			19			19			19			19			
Labs Reporting	20			20			20			20			20			



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Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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
2Q2XZU	3.86	0.09	0.11	2.26	0.04	0.37	0.98	-0.56	0.21	5.55	0.34	0.62	2.67	0.45	0.32
39EBYX	4.02	0.41	0.28	2.74	1.78	1.68	1.19	0.57	0.26	6.27	1.13	0.74	2.97	1.84	1.79
42C7EX	3.25	-1.14	0.81	2.21	-0.13	0.51	0.79	-1.52	2.72	5.27	0.04	1.57	2.56	-0.07	1.73
98ZXXG	4.14	0.66	0.58	2.07	-0.62	0.14	1.16	0.40	0.21	4.79	-0.48	0.88	2.61	0.17	1.43
A78MXT	3.77	-0.09	0.34	2.23	-0.04	0.52	1.27	0.95	0.74	4.80	-0.47	0.46	2.53	-0.20	0.41
AKJYTE	3.70	-0.23		2.05	-0.70		1.16	0.39		5.11	-0.14		2.47	-0.50	
C7XA8G	4.09	0.57	1.17	2.27	0.09	1.05	1.01	-0.39	0.17	5.63	0.43	0.20	2.62	0.22	0.91
D48QWN	3.60	-0.43	0.00	2.20	-0.16	0.91	1.30	1.13	1.29	4.67	-0.62	0.54	2.60	0.11	0.72
KXZ99G	3.03	-1.59		1.76	-1.75		0.97	-0.60		2.80	-2.65		2.44	-0.64	
QJFYNY	3.72	-0.19	0.61	2.29	0.16	0.63	0.89	-1.01	0.26	5.55	0.34	0.63	2.47	-0.50	0.61
QMXKND	4.00	0.38	2.13	2.61	1.32	0.22	1.28	1.03	0.78	5.62	0.41	0.91	2.66	0.38	1.04
QZK84Z	4.00	0.37	0.38	2.39	0.53	1.28	1.19	0.53	0.27	5.01	-0.24	0.70	2.57	-0.03	0.33
R3LUVV	4.03	0.45	2.29	2.31	0.23	1.42	1.21	0.66	1.23	5.11	-0.13	1.86	2.38	-0.92	1.72
TEEBKW	4.08	0.54	0.13	2.37	0.44	0.29	1.11	0.15	0.80	6.73	1.62	1.31	2.77	0.92	1.04
UDEHV9	5.28	2.99X	4.80	3.52	4.59X	1.76	1.80	3.77X	0.69	7.49	2.45X	2.35	3.73	5.37X	1.43
V9GTWV	3.57	-0.50	0.10	2.23	-0.04	0.23	1.04	-0.26	0.07	5.63	0.43	0.17	2.58	0.03	0.11
XKJ3GM	3.07	-1.52	0.67	2.10	-0.52	0.00	0.93	-0.80	0.37	5.20	-0.04	0.80	2.30	-1.29	0.00
XV6PK3	0.63	-6.48X		0.61	-5.89X		10.30	48.39X		0.63	-5.01X		0.54	-9.50X	
Y4YVE4	3.95	0.27	0.78	2.42	0.63	1.74	1.06	-0.15	1.69	5.70	0.50	0.29	2.62	0.19	0.58
Z4C4F3	2.49	-2.69	1.43	1.43	-2.95	1.81	0.89	-1.02	0.56	3.30	-2.11	1.91	1.78	-3.70	0.46

Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	Grand Median	3.81			2.25			1.09			5.24			2.58	
Median Abs Dev	0.22			0.13			0.11			0.39			0.09		
Avg Within Lab SD	0.17			0.11			0.16			0.22			0.14		
Labs Included	18			18			18			18			18		
Labs Reporting	20			20			20			20			20		



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Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	0.70	1.88	1.22	0.54	0.34	0.45	10.73	0.84	0.03	0.45	0.00	0.01	0.39	0.19	0.21	
39EBYX	0.45	-0.16	0.60	0.50	-0.10	0.35	10.73	0.84	1.08	0.44	-0.09	0.34	0.35	-0.28	1.10	
42C7EX	0.39	-0.65	0.25	0.47	-0.40	0.53	9.60	0.00	0.51	0.49	0.32	1.23	0.38	0.00	0.67	
98ZXXG	0.58	0.92	1.14	0.52	0.15	0.66	8.35	-0.93	1.48	0.48	0.29	0.22	0.44	0.78	0.33	
A78MXT	0.43	-0.29	0.66	0.47	-0.40	1.31	8.90	-0.52	0.14	0.43	-0.15	1.14	0.37	-0.12	1.58	
AKJYTE				0.47	-0.37		10.35	0.56		0.44	-0.09		0.34	-0.44		
C7XA8G	0.64	1.39	0.28	0.61	1.07	0.74	9.41	-0.14	0.33	0.61	1.45	0.42	0.49	1.30	0.51	
D48QWN	0.53	0.52	0.66	0.53	0.27	1.31	9.20	-0.30	2.46	0.43	-0.15	1.14	0.40	0.28	0.00	
KXZ99G	0.86	3.19X		0.98	4.77X		3.21	-4.77X		0.84	3.51X		0.72	4.08X		
QJFYNY	0.41	-0.51	0.24	0.47	-0.37	0.60	9.37	-0.17	0.49	0.42	-0.27	0.20	0.34	-0.44	0.27	
QMXKND	0.48	0.11	0.41	0.59	0.79	0.50	10.25	0.49	0.65	0.69	2.14	0.38	0.45	0.83	0.57	
QZK84Z	0.50	0.25	0.35	0.54	0.37	0.69	10.04	0.33	0.16	0.45	0.03	0.41	0.37	-0.04	0.16	
R3LUVV	0.59	1.01	1.04	0.64	1.38	1.25	9.72	0.09	1.43	0.57	1.08	1.39	0.48	1.27	0.96	
TEEBKW	0.55	0.63	0.07	0.59	0.88	0.26	10.10	0.37	0.73	0.63	1.62	0.20	0.42	0.51	0.72	
UDEHV9	0.40	-0.57	2.30	0.47	-0.40	1.31	9.83	0.17	1.26	0.40	-0.45	1.98	0.30	-0.91	2.73	
V9GTWV	0.48	0.10	0.13	0.51	0.00	0.19	10.00	0.30	0.19	0.47	0.15	0.11	0.43	0.63	1.00	
XKJ3GM	0.42	-0.40	2.31	0.33	-1.75	0.58	8.38	-0.91	0.18	0.32	-1.19	1.79	0.25	-1.55	0.69	
XV6PK3	0.18	-2.36		0.23	-2.79		5.67	-2.93		0.23	-1.98		0.25	-1.51		
Y4YVE4	0.44	-0.27	0.07	0.48	-0.28	0.59	7.38	-1.66	1.03	0.43	-0.21	1.35	0.33	-0.52	0.81	
Z4C4F3	0.46	-0.10	0.85	0.58	0.71	2.61	7.92	-1.25	1.11	0.58	1.14	1.13	0.48	1.23	0.98	

Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	0.47			0.51			9.60			0.45			0.38			
Median Abs Dev	0.06			0.04			0.66			0.03			0.04			
Avg Within Lab SD	0.09			0.04			0.71			0.05			0.04			
Labs Included	18			19			19			19			19			
Labs Reporting	19			20			20			20			20			



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SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910				
	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		
2Q2XZU	0.18	1.69	1.14	0.19	-0.02	0.23	5.88	1.58	0.45	0.17	-0.27	0.11	0.17	0.04	0.21		
42C7EX	0.11	-0.66	0.18	0.17	-0.63	0.28	5.38	0.08	0.41	0.18	0.07	1.19	0.17	-0.04	0.24		
A78MXT	0.10	-1.06	0.00	0.20	0.20	0.00	4.90	-1.35	0.47	0.20	0.39	0.00	0.17	-0.11	2.42		
AKJYTE				0.19	-0.08		5.68	0.98		0.17	-0.20		0.16	-0.26			
C7XA8G	0.17	1.35	0.38	0.23	1.05	0.58	5.33	-0.08	0.48	0.23	1.04	0.54	0.22	1.27	0.16		
KXZ99G	0.27	4.48X		0.42	6.39X		1.96	-10.14X		0.42	4.71X		0.35	4.26X			
QJFYNY	0.11	-0.62	0.23	0.17	-0.55	0.23	5.67	0.95	0.37	0.16	-0.46	0.32	0.16	-0.26	0.00		
QMXKND	0.13	0.00	0.36	0.20	0.25	0.28	5.32	-0.08	1.78	0.26	1.49	0.68	0.20	0.66	0.19		
QZK84Z	0.11	-0.62	0.23	0.17	-0.64	0.40	5.22	-0.40	1.07	0.16	-0.40	0.00	0.16	-0.34	0.24		
R3LUVV	0.17	1.12	0.92	0.23	0.95	1.01	5.31	-0.13	1.45	0.22	0.78	1.44	0.24	1.56	0.87		
TEEBKW	0.14	0.25	0.00	0.21	0.49	0.00	5.47	0.35	0.13	0.21	0.59	0.00	0.18	0.29	0.24		
UDEHV9	0.12	-0.51	2.02	0.17	-0.55	0.83	5.44	0.25	1.71	0.15	-0.66	1.67	0.14	-0.66	1.98		
V9GTWV	0.14	0.14	0.23	0.19	0.02	0.23	5.93	1.73	0.30	0.18	-0.07	0.32	0.20	0.69	0.84		
XKJ3GM	0.13	-0.08	2.44	0.13	-1.67	0.46	5.20	-0.44	0.17	0.12	-1.18	1.97	0.12	-1.14	0.48		
Z4C4F3	0.15	0.68	0.61	0.28	2.36	3.21	5.01	-1.02	1.60	0.27	1.83	1.37	0.26	2.12	1.11		

SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910				
Grand Median	0.13			0.19			5.35			0.18			0.17				
Median Abs Dev	0.02			0.02			0.14			0.03			0.02				
Avg Within Lab SD	0.02			0.03			0.21			0.02			0.02				
Labs Included	13			14			14			14			14				
Labs Reporting	14			15			15			15			15				





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CI - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	0.46	1.11	1.18	0.51	0.00	0.37	3.08	0.23	0.31	2.26	0.06	0.32	0.25	-0.22	0.45	
39EBYX				0.73	1.30	0.50	3.31	0.58	0.63	2.66	0.99	0.33				
42C7EX	0.27	-0.46	0.15	0.48	-0.17	0.63	2.98	0.08	0.29	2.24	0.01	0.27	0.27	-0.01	0.07	
98ZXXG	0.52	1.53	1.21	0.63	0.69	2.62	3.47	0.82	0.82	2.44	0.49	0.53	0.49	2.19	2.96	
A78MXT	0.53	1.61	1.53	0.66	0.87	1.39	3.28	0.53	0.50	2.47	0.55	0.25	0.42	1.51	1.35	
AKJYTE	0.36	0.28		0.56	0.28		3.10	0.27		2.23	-0.01		0.30	0.31		
C7XA8G	0.46	1.05	0.09	0.37	-0.83	0.35	2.40	-0.76	0.19	1.96	-0.64	0.53	0.22	-0.51	0.40	
D48QWN	0.27	-0.47	0.82	0.40	-0.66	1.98	1.77	-1.69	0.32	1.40	-1.94	0.00	0.30	0.31	0.00	
QJFYNY							2.72	-0.29	0.39	2.22	-0.04	0.47				
QMXKND	0.34	0.08	0.93	0.46	-0.30	0.42	2.33	-0.87	0.31	1.91	-0.75	1.85	0.32	0.48	0.94	
QZK84Z	0.76	3.47X	2.67	0.76	1.46	0.60	3.42	0.74	0.13	2.85	1.43	0.50				
R3LUVV				0.70	1.11		3.02	0.14	0.75	2.30	0.16	0.58				
TEEBKW				0.56	0.28	0.60	3.23	0.45	0.85	3.13	2.08	1.19	0.34	0.70	0.73	
UDEHV9	0.26	-0.52	2.00	0.54	0.18	0.57	2.30	-0.91	3.88	1.83	-0.94	2.92	0.24	-0.27	0.91	
UMPKG9	0.27	-0.40	0.03	0.48	-0.21	0.26	2.59	-0.48	0.05	2.17	-0.14	0.15	0.25	-0.18	0.05	
V9GTWV	0.33	0.00	0.04	0.45	-0.35	0.08	2.86	-0.08	0.14	2.09	-0.32	0.17	0.27	0.01	0.27	
XKJ3GM	0.30	-0.20	1.43	0.37	-0.86	1.15	2.40	-0.76	0.00	2.03	-0.46	0.55	0.17	-0.99	1.21	
Y4YVE4	0.27	-0.44	0.43	0.39	-0.72	0.69	2.10	-1.20	0.48	2.28	0.10	0.34	0.21	-0.53	0.32	
YJR43N	0.51	1.48	0.25	0.79	1.64	0.00	4.08	1.70	0.30	2.60	0.86	0.54	0.52	2.45	0.36	
Z4C4F3	0.26	-0.50	0.97	0.36	-0.90	0.52	2.31	-0.89	0.66	1.58	-1.51	1.77	0.26	-0.11	0.12	

CI - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	0.33			0.51			2.92			2.23			0.27			
Median Abs Dev	0.06			0.12			0.45			0.22			0.04			
Avg Within Lab SD	0.07			0.05			0.36			0.10			0.05			
Labs Included	15			19			20			20			16			
Labs Reporting	16			19			20			20			16			



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmol/L		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	1.74	0.11	0.03	1.94	0.19	0.46	4.75	0.45	0.20	0.74	0.09	0.13	0.40	-0.04	0.01	
39EBYX	1.71	0.01	0.40	1.91	0.10	1.18	5.34	1.40	0.91	0.64	-0.75	0.47	0.34	-1.04	0.46	
42C7EX	1.45	-1.26	0.35	1.69	-0.66	1.44	4.25	-0.34	0.49	0.70	-0.24	0.34	0.42	0.20	0.13	
A78MXT	1.71	-0.01	0.42	2.10	0.75	0.24	4.89	0.68	0.16	0.78	0.42	0.22	0.45	0.70	0.17	
AKJYTE	1.71	-0.01		1.76	-0.43		5.04	0.92		0.75	0.15		0.41	0.08		
C7XA8G	1.88	0.82	1.18	1.87	-0.05	1.19	4.50	0.05	0.31	0.73	0.00	0.03	0.44	0.55	0.52	
D48QWN	1.80	0.43	1.46	1.93	0.17	1.79	4.43	-0.05	2.37	0.70	-0.24	0.00	0.43	0.48	1.74	
QJFYNY				1.52	-1.25	1.05	4.21	-0.41	0.60							
QMXKND	1.69	-0.10	1.23	1.92	0.11	0.35	3.86	-0.97	0.52	0.75	0.16	0.31	0.41	0.04	1.64	
QZK84Z	1.74	0.15	0.05	1.90	0.05	1.38	4.41	-0.09	0.28	0.79	0.50	0.17	0.41	0.14	0.35	
R3LUVV	2.03	1.56	0.72	1.91	0.09	0.12	5.13	1.06	2.08	1.00	2.11	1.57	0.71	5.15X	2.88	
TEEBKW	1.86	0.74	0.88	1.99	0.35	1.59	4.97	0.81	0.97	0.77	0.29	0.22	0.36	-0.76	0.60	
UDEHV9	1.52	-0.94	0.44	1.67	-0.75	0.91	4.59	0.19	1.12	0.56	-1.33	0.72	0.29	-1.89	0.46	
UMPKG9	1.56	-0.73	1.43	1.60	-0.97	0.50	4.59	0.20	0.54	0.68	-0.41	0.72	0.40	-0.11	0.83	
V9GTWV	1.37	-1.67	0.44	1.47	-1.42	0.54	4.03	-0.70	0.36	0.55	-1.44	0.08	0.30	-1.80	0.98	
XKJ3GM	1.40	-1.53	2.22	1.47	-1.44	0.68	3.57	-1.44	0.36	0.63	-0.77	0.85	0.30	-1.78	0.00	
Y4YVE4	1.86	0.73	0.92	2.21	1.12	0.94	3.52	-1.51	1.04	0.95	1.77	3.14	0.46	0.93	2.36	
Z4C4F3	0.99	-3.53X	2.97	1.23	-2.27	0.47	3.92	-0.87	1.12	0.63	-0.80	1.14	0.39	-0.26	0.91	

SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmol/L		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	Grand Median	1.71			1.89			4.47			0.73			0.41		
Median Abs Dev	0.15			0.16			0.43			0.05			0.03			
Avg Within Lab SD	0.12			0.09			0.32			0.07			0.03			
Labs Included	16			18			18			17			16			
Labs Reporting	17			18			18			17			17			



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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
2Q2XZU	24.67	-0.01	0.41	10.09	0.44	0.17	6.67	-0.11	0.15	11.65	-0.33	1.34	9.74	0.14	0.84
42C7EX	23.09	-0.88	0.98	12.24	1.30	1.11	7.58	0.86	0.69	12.88	0.60	0.83	9.81	0.23	0.80
98ZXXG	26.84	1.18	0.19	12.38	1.36	1.25	8.94	2.31	0.58	12.44	0.27	0.63	11.99	2.63	0.57
AKJYTE	24.70	0.01		6.60	-0.96		7.11	0.36		11.40	-0.51		9.14	-0.51	
C7XA8G	24.51	-0.10	2.67	8.53	-0.19	0.75	6.48	-0.30	0.42	12.30	0.16	1.16	9.10	-0.56	1.08
D48QWN	24.70	0.01	0.54	6.93	-0.82	0.96	6.87	0.11	1.85	10.47	-1.22	1.51	9.33	-0.30	0.87
QJFYNY	24.54	-0.08	0.43	9.45	0.19	0.44	6.39	-0.40	0.71	12.56	0.36	1.25	9.58	-0.03	0.90
QZK84Z	24.24	-0.25	0.36	7.28	-0.68	0.67	5.87	-0.96	0.53	11.71	-0.28	1.28	9.17	-0.48	1.16
R3LUVV	25.30	0.34	1.05	8.27	-0.29	1.81	6.55	-0.23	1.04	11.87	-0.16	0.54	9.63	0.03	1.94
TEEBKW	28.07	1.86	0.36	8.20	-0.31	1.61	7.42	0.70	2.16	15.23	2.38	0.36	10.97	1.51	1.18
UDEHV9	3.28	-11.74X	1.75	2.22	-2.70X	0.03	1.16	-5.96X	1.27	2.08	-7.54X	0.38	1.81	-8.62X	0.37
V9GTWV	25.32	0.35	0.90	11.99	1.20	0.16	7.69	0.98	0.17	13.60	1.14	0.87	10.21	0.67	0.16
XKJ3GM	19.13	-3.04	0.23	9.91	0.37	0.35	6.04	-0.78	0.07	11.17	-0.69	0.36	8.71	-0.99	0.19
Z4C4F3	7.28	-9.54X	0.73	2.02	-2.79X	1.11	1.98	-5.09X	0.57	3.45	-6.51X	1.18	2.96	-7.35X	0.47

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
Grand Median	24.7			8.99			6.77			12.1			9.61		
Median Abs Dev	0.5			1.41			0.52			0.6			0.45		
Avg Within Lab SD	1.0			0.61			0.47			0.4			0.35		
Labs Included	12			12			12			12			12		
Labs Reporting	14			14			14			14			14		



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<b>B - sp (SubTestCode 113) in the Salinity Property Groups</b>														<b>Data units: mg/L</b>		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>2Q2XZU</b>	<b>0.05</b>	-0.65	0.09	<b>0.17</b>	-0.25	0.14	<b>0.45</b>	0.02	0.02	<b>0.05</b>	-0.59	0.97	<b>0.05</b>	-0.80	0.33	
<b>42C7EX</b>	<b>0.08</b>	-0.25	0.05	<b>0.20</b>	0.09	0.12	<b>0.44</b>	-0.04	0.18	<b>0.09</b>	0.16	0.22	<b>0.09</b>	-0.04	0.06	
<b>98ZXXG</b>	<b>0.21</b>	1.78	2.99	<b>0.27</b>	0.95	2.95	<b>0.29</b>	-1.49	2.78	<b>0.05</b>	-0.68	1.05	<b>0.10</b>	0.21	2.77	
<b>A78MXT</b>	<b>0.16</b>	0.94	0.05	<b>0.29</b>	1.15	0.21	<b>0.61</b>	1.57	0.46	<b>0.15</b>	1.35	0.00	<b>0.15</b>	1.45	0.22	
<b>AKJYTE</b>							<b>0.52</b>	0.71								
<b>C7XA8G</b>	<b>0.11</b>	0.25	0.07	<b>0.17</b>	-0.26	0.09	<b>0.47</b>	0.19	0.16	<b>0.06</b>	-0.38	0.32	<b>0.06</b>	-0.68	0.12	
<b>D48QWN</b>	<b>0.06</b>	-0.48	0.05	<b>0.18</b>	-0.09	0.28	<b>0.40</b>	-0.43	1.06	<b>0.08</b>	-0.13	1.40	<b>0.07</b>	-0.35	0.22	
<b>QZK84Z</b>							<b>0.42</b>	-0.21	1.29							
<b>R3LUVV</b>							<b>0.44</b>	-0.02	0.61							
<b>TEEBKW</b>							<b>0.50</b>	0.49	0.23							
<b>UDEHV9</b>	<b>0.04</b>	-0.79	0.11	<b>0.13</b>	-0.69	0.06	<b>0.35</b>	-0.88	0.32	<b>0.05</b>	-0.60	0.53	<b>0.05</b>	-0.95	0.22	
<b>V9GTWV</b>	<b>0.12</b>	0.33	0.14	<b>0.24</b>	0.64	0.35	<b>0.55</b>	0.99	0.39	<b>0.13</b>	0.97	1.41	<b>0.11</b>	0.39	0.15	
<b>VMLR8M</b>	<b>0.16</b>	0.99		<b>0.41</b>	2.51		<b>0.60</b>	1.47		<b>0.17</b>	1.75		<b>0.17</b>	1.83		
<b>Y4YVE4</b>	<b>0.08</b>	-0.29	0.14	<b>0.18</b>	-0.11	0.17	<b>0.35</b>	-0.95	0.72	<b>0.09</b>	0.13	1.61	<b>0.09</b>	0.04	1.00	

<b>B - sp (SubTestCode 113) in the Salinity Property Groups</b>														<b>Data units: mg/L</b>		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	0.09			0.19			0.45			0.083			0.089			
<b>Median Abs Dev</b>	0.04			0.04			0.06			0.030			0.024			
<b>Avg Within Lab SD</b>	0.11			0.09			0.07			0.011			0.026			
<b>Labs Included</b>	10			10			14			10			10			
<b>Labs Reporting</b>	10			10			14			10			10			



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>3K8X8E</b>	<b>0.67</b>	-0.03	1.47	<b>0.40</b>	-0.73	0.00	<b>0.50</b>	-1.06		<b>0.30</b>	-1.10	0.00	<b>0.40</b>	-1.30	0.00	
<b>42C7EX</b>	<b>0.96</b>	1.31	0.39	<b>0.77</b>	2.36	0.82	<b>0.74</b>	0.94	0.13	<b>0.78</b>	1.61	0.30	<b>0.62</b>	0.87	0.33	
<b>6ZAD4Q</b>	<b>0.79</b>	0.54	1.94	<b>0.56</b>	0.57	2.02	<b>0.66</b>	0.28	3.28	<b>0.49</b>	-0.06	2.88	<b>0.54</b>	0.05	0.69	
<b>8NCFMP</b>	<b>0.89</b>	0.97	0.47	<b>0.55</b>	0.52	0.40	<b>0.71</b>	0.69	0.76	<b>0.70</b>	1.16	0.42	<b>0.59</b>	0.62	0.66	
<b>92XAFU</b>	<b>0.63</b>	-0.18	0.73	<b>0.47</b>	-0.18	1.13	<b>0.70</b>	0.58	0.00	<b>0.43</b>	-0.35	1.51	<b>0.53</b>	0.02	0.95	
<b>BGZT4W</b>	<b>0.87</b>	0.89	0.25	<b>0.53</b>	0.34	0.00	<b>0.61</b>	-0.13	0.13	<b>0.44</b>	-0.32	0.00	<b>0.57</b>	0.41	0.19	
<b>CEREZH</b>	<b>0.68</b>	0.03	0.59	<b>0.54</b>	0.42	0.51	<b>0.55</b>	-0.69	0.42	<b>0.65</b>	0.87	0.66	<b>0.50</b>	-0.29	0.26	
<b>D48QWN</b>	<b>0.59</b>	-0.38	0.25	<b>0.40</b>	-0.73	0.39	<b>0.52</b>	-0.93	0.13	<b>0.38</b>	-0.65	0.52	<b>0.44</b>	-0.93	0.19	
<b>GEDE84</b>	<b>0.79</b>	0.54	0.29	<b>0.52</b>	0.26	0.39	<b>0.63</b>	0.03	0.35	<b>0.54</b>	0.26	0.60	<b>0.55</b>	0.21	0.19	
<b>HMNLFX</b>	<b>0.36</b>	-1.41	0.29	<b>0.38</b>	-0.87	0.23	<b>0.48</b>	-1.23	0.23	<b>0.26</b>	-1.33	0.52	<b>0.46</b>	-0.67	0.19	
<b>HVGT2N</b>	<b>0.97</b>	1.35	0.55	<b>0.47</b>	-0.14	0.28	<b>0.55</b>	-0.66	0.52	<b>0.49</b>	-0.06	1.59	<b>0.39</b>	-1.35	0.73	
<b>J9JJ2G</b>	<b>0.50</b>	-0.80	0.29	<b>0.37</b>	-0.98	2.04	<b>0.40</b>	-1.89	0.23	<b>0.42</b>	-0.45	0.30	<b>0.32</b>	-2.05	0.19	
<b>K2YK4G</b>	<b>0.47</b>	-0.91	1.11	<b>0.34</b>	-1.19	1.76	<b>0.61</b>	-0.13	2.87	<b>0.21</b>	-1.58	1.12	<b>0.52</b>	-0.14	0.96	
<b>KH4MQ9</b>	<b>0.75</b>	0.35	0.25	<b>0.50</b>	0.12	0.45	<b>0.59</b>	-0.35	0.13	<b>0.57</b>	0.39	0.80	<b>0.52</b>	-0.15	0.38	
<b>KXZ99G</b>	<b>0.57</b>	-0.47	0.76	<b>0.48</b>	-0.10	0.99	<b>0.71</b>	0.64	0.93	<b>0.47</b>	-0.17	0.80	<b>0.52</b>	-0.11	0.33	
<b>NMA8FG</b>	<b>0.41</b>	-1.20	1.03	<b>0.34</b>	-1.23	2.06	<b>0.54</b>	-0.72	1.28	<b>0.33</b>	-0.96	0.56	<b>0.42</b>	-1.07	1.99	
<b>PHQ7FA</b>	<b>0.78</b>	0.48	2.35	<b>0.47</b>	-0.11	1.74	<b>0.63</b>	0.00	0.38	<b>0.51</b>	0.06	1.15	<b>0.44</b>	-0.88	1.95	
<b>PNAZHE</b>	<b>0.71</b>	0.15	0.24	<b>0.50</b>	0.10	0.15	<b>0.76</b>	1.11	0.09	<b>0.45</b>	-0.27	0.26	<b>0.62</b>	0.82	0.22	
<b>PNB8U2</b>	<b>0.83</b>	0.69	0.15	<b>0.60</b>	0.90	0.19	<b>0.76</b>	1.09	0.23	<b>0.51</b>	0.06	0.26	<b>0.66</b>	1.30	0.12	
<b>QMXKND</b>	<b>0.41</b>	-1.22	0.33	<b>0.44</b>	-0.41	0.48	<b>0.50</b>	-1.03	0.35	<b>0.28</b>	-1.24	0.34	<b>0.53</b>	-0.02	0.26	
<b>RZGKYD</b>	<b>0.65</b>	-0.11	1.52	<b>0.57</b>	0.71	0.57	<b>0.65</b>	0.16	0.32	<b>0.52</b>	0.14	1.10	<b>0.60</b>	0.70	0.86	
<b>UDEHV9</b>	<b>0.98</b>	1.37	0.15	<b>0.49</b>	0.01	0.68	<b>0.86</b>	1.90	0.23	<b>0.51</b>	0.08	1.05	<b>0.57</b>	0.41	0.19	
<b>UF6GDD</b>	<b>0.75</b>	0.35		<b>0.55</b>	0.51	0.00	<b>0.61</b>	-0.16	0.00	<b>0.58</b>	0.47	0.00	<b>0.51</b>	-0.21	0.00	
<b>UQ766A</b>	<b>0.63</b>	-0.20	0.20	<b>0.59</b>	0.87	0.52	<b>0.68</b>	0.45	0.20	<b>0.52</b>	0.13	0.08	<b>0.63</b>	1.01	0.51	
<b>V9GTWV</b>	<b>0.88</b>	0.94	0.35	<b>0.73</b>	1.99	0.54	<b>0.73</b>	0.81	0.43	<b>0.72</b>	1.25	0.60	<b>0.60</b>	0.71	0.29	
<b>XKJ3GM</b>	<b>0.30</b>	-1.71	1.20	<b>0.62</b>	1.09	1.04	<b>0.60</b>	-0.21	0.58	<b>0.70</b>	1.16	0.30	<b>0.52</b>	-0.08	0.19	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>XV6PK3</b>	<b>0.57</b>	-0.48	0.29	<b>0.28</b>	-1.75	0.99	<b>0.59</b>	-0.32	0.83	<b>0.30</b>	-1.08	1.32	<b>0.35</b>	-1.79	1.44	
<b>YMUNY2</b>	<b>0.64</b>	-0.13	0.31	<b>0.39</b>	-0.82	1.29	<b>0.98</b>	2.87X	0.58	<b>0.79</b>	1.66	2.40	<b>0.63</b>	0.99	3.53	
<b>Z8TQFW</b>	<b>0.62</b>	-0.25	2.83	<b>0.46</b>	-0.22	1.31	<b>0.66</b>	0.24	1.82	<b>0.30</b>	-1.09	0.36	<b>0.59</b>	0.54	1.59	
<b>ZLTRUJ</b>	<b>0.85</b>	0.79	0.59	<b>0.49</b>	-0.01	0.60	<b>0.77</b>	1.13	0.35	<b>0.54</b>	0.23	0.60	<b>0.59</b>	0.54	0.19	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	0.67			0.49			0.63			0.50			0.53			
<b>Median Abs Dev</b>	0.12			0.07			0.08			0.08			0.07			
<b>Avg Within Lab SD</b>	0.04			0.03			0.04			0.02			0.03			
<b>Labs Included</b>	30			30			29			30			30			
<b>Labs Reporting</b>	30			30			30			30			30			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
3FXGXQ	0.47	-0.11	0.21	0.40	0.43	0.09	0.38	-0.04	0.14	0.38	0.06	0.08	0.31	-0.25	0.14	
42C7EX	0.50	0.24	0.24	0.42	0.71	0.00	0.41	0.38	0.32	0.42	0.47	0.32	0.33	0.40	0.31	
6NKG3T	0.39	-0.96	0.24	0.31	-0.74	0.27	0.33	-0.77	0.32	0.34	-0.41	0.32	0.27	-1.21	0.63	
7L929R	0.49	0.14	0.26	0.40	0.42	0.13	0.40	0.14	0.40	0.38	0.12	0.17	0.31	-0.09	0.11	
7NEMXD	0.79	3.38X	0.21	0.67	3.85X	0.98	0.65	3.46X	0.79	0.58	2.28X	0.34	0.47	3.68X	0.60	
A2GFDZ	0.48	0.02	0.47	0.32	-0.61	0.27	0.37	-0.19	0.55	0.30	-0.82	0.00	0.25	-1.61		
AKJYTE	0.49	0.17	0.08	0.40	0.49	0.51	0.41	0.31	1.15	0.39	0.21	0.18	0.31	-0.10	0.11	
BHWMRN	0.47	-0.10	0.64	0.31	-0.68	1.14	0.37	-0.23	1.51	0.34	-0.39	0.45	0.26	-1.46	0.41	
D48QWN	0.39	-0.93	0.41	0.27	-1.16	0.72	0.36	-0.33	0.55	0.30	-0.82	0.56	0.32	0.00	0.31	
EJE3C7	0.40	-0.81	0.47	0.35	-0.12	0.26	0.33	-0.67	0.38	0.34	-0.37	0.06	0.28	-1.01	0.30	
GMNZUD	0.51	0.37	0.13	0.44	0.93	0.13	0.44	0.71	0.05	0.40	0.32	0.08	0.32	0.10	0.11	
H2KZFR	0.43	-0.50	0.00	0.32	-0.58	0.00	0.32	-0.82	0.00	0.35	-0.24	0.00	0.27	-1.08	0.00	
HDDJVW	0.74	2.85	0.91	0.48	1.50	0.87	0.51	1.69	1.24	0.48	1.17	0.60	0.37	1.30	0.74	
MWWNA 7	0.47	-0.02	0.24	0.38	0.24	0.27	0.40	0.16	0.63	0.42	0.51	2.42	0.32	0.00	0.31	
N7FGZT	0.37	-1.14	0.72	0.29	-0.96	1.61	0.19	-2.52	0.93	0.27	-1.17	1.40	0.13	-4.51X	1.40	
NMA8FG	0.27	-2.24	1.10	0.22	-1.79	1.64	0.36	-0.35	2.02	0.21	-1.77	0.40	0.28	-0.90	2.17	
NYE3D8	0.59	1.25	1.42	0.40	0.46	1.25	0.45	0.91	0.84	0.45	0.81	1.40	0.32	0.08	0.55	
PAETWT	0.42	-0.61	4.19	0.27	-1.15	3.52	0.36	-0.33	3.11	0.28	-1.09	3.43	0.27	-1.25	3.62	
QMXKND	0.28	-2.14	0.31	0.30	-0.86	0.30	0.35	-0.41	0.33	0.16	-2.38	0.19	0.32	0.02	0.60	
QZK84Z	0.50	0.25	0.23	0.44	0.91	0.10	0.48	1.32	0.89	0.42	0.47	0.14	0.35	0.81	0.94	
RA6HPH	0.50	0.31	0.19	0.41	0.60	0.37	0.45	0.88	0.29	0.40	0.34	0.25	0.40	2.04	0.68	
V9GTWV	0.48	0.09	0.33	0.37	0.06	0.93	0.39	0.04	0.66	0.41	0.44	0.50	0.32	0.03	0.20	
XKJ3GM	0.46	-0.13	0.24	0.36	-0.06	0.00	0.35	-0.50	0.32	0.38	0.07	0.00	0.28	-0.80	0.31	
XTY LX2	0.51	0.38	0.41	0.33	-0.48	0.27	0.54	2.01	0.32	0.22	-1.67	0.32	0.32	0.00	0.31	
Z3XKV7	0.52	0.46	0.22	0.38	0.26	0.65	0.42	0.47	0.63	0.37	-0.06	0.84	0.36	0.99	0.60	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups						Data units: dS/m
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
<b>Grand Median</b>	0.48	0.36	0.38	0.37	0.32	
<b>Median Abs Dev</b>	0.03	0.05	0.03	0.04	0.03	
<b>Avg Within Lab SD</b>	0.02	0.02	0.02	0.02	0.02	
<b>Labs Included</b>	24	24	24	24	23	
<b>Labs Reporting</b>	25	25	25	25	25	





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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>24M632</b>	<b>7.68</b>	-0.14	0.47	<b>7.72</b>	0.65	1.25	<b>8.53</b>	1.16	0.46	<b>5.95</b>	0.36	0.52	<b>5.90</b>	1.05	1.62	
<b>2FHJZD</b>	<b>7.75</b>	0.35	0.64	<b>7.74</b>	0.75	0.25	<b>8.42</b>	0.52	0.38	<b>5.93</b>	0.23	0.36	<b>5.83</b>	0.49	0.30	
<b>2Q2XZU</b>	<b>7.80</b>	0.70	0.00	<b>7.80</b>	1.22	0.00	<b>8.43</b>	0.58	1.05	<b>5.97</b>	0.51	1.20	<b>5.90</b>	1.05	0.00	
<b>3K8X8E</b>	<b>7.80</b>	0.70	0.00	<b>7.80</b>	1.22	0.00	<b>8.43</b>	0.58	1.05	<b>5.90</b>	0.00	0.00	<b>5.80</b>	0.21	0.00	
<b>42C7EX</b>	<b>7.38</b>	-2.26	0.47	<b>7.30</b>	-2.49	0.45	<b>8.01</b>	-2.07	0.38	<b>5.74</b>	-1.21	0.60	<b>5.64</b>	-1.14	0.90	
<b>6NKG3T</b>	<b>7.76</b>	0.42	0.18	<b>7.51</b>	-0.95	0.38	<b>8.22</b>	-0.73	0.28	<b>5.85</b>	-0.38	1.62	<b>5.64</b>	-1.16	0.30	
<b>6ZAD4Q</b>	<b>7.53</b>	-1.17	2.71	<b>7.50</b>	-1.02	3.75	<b>8.33</b>	-0.04	1.05	<b>5.90</b>	0.00	0.00	<b>5.73</b>	-0.35	1.50	
<b>7L929R</b>	<b>7.75</b>	0.33	0.20	<b>7.55</b>	-0.65	0.22	<b>8.29</b>	-0.31	0.18	<b>5.84</b>	-0.46	0.21	<b>5.69</b>	-0.74	0.15	
<b>7M8PL2</b>	<b>7.77</b>	0.52	0.37	<b>7.70</b>	0.45	0.33	<b>8.42</b>	0.48	0.11	<b>5.81</b>	-0.72	0.12	<b>5.78</b>	0.01	0.54	
<b>7NEMXD</b>	<b>7.19</b>	-3.57	3.74	<b>7.18</b>	-3.44	3.28	<b>7.91</b>	-2.66	3.10	<b>5.80</b>	-0.80	1.76	<b>5.62</b>	-1.30	2.47	
<b>8NCFMP</b>	<b>7.65</b>	-0.38	0.09	<b>7.50</b>	-1.00	0.25	<b>8.16</b>	-1.12	0.26	<b>5.78</b>	-0.93	0.17	<b>5.63</b>	-1.19	0.32	
<b>92XAFU</b>	<b>7.87</b>	1.17	1.02	<b>7.77</b>	0.97	1.25	<b>8.33</b>	-0.04	1.05	<b>6.43</b>	4.11	1.20	<b>6.00</b>	1.89		
<b>A2GFDZ</b>	<b>7.59</b>	-0.75	0.20	<b>7.62</b>	-0.12	0.43	<b>8.24</b>	-0.60	0.28	<b>5.91</b>	0.05	1.33	<b>5.77</b>	-0.04	1.13	
<b>AJD3G4</b>	<b>7.72</b>	0.16	1.04	<b>7.71</b>	0.57	1.38	<b>8.39</b>	0.31	2.10	<b>6.00</b>	0.80	1.97	<b>5.90</b>	1.02	3.09	
<b>AKJYTE</b>	<b>7.55</b>	-1.08	1.65	<b>7.58</b>	-0.42	0.65	<b>8.28</b>	-0.39	1.04	<b>6.08</b>	1.39	2.90	<b>5.80</b>	0.18	1.91	
<b>ATCA4A</b>	<b>7.84</b>	0.97	0.40	<b>7.78</b>	1.09	0.39	<b>8.43</b>	0.56	0.10	<b>6.03</b>	0.98	0.36	<b>5.92</b>	1.20	0.32	
<b>AY6EWE</b>	<b>7.77</b>	0.52	0.67	<b>7.68</b>	0.35	0.55	<b>8.37</b>	0.21	0.90	<b>5.91</b>	0.05	0.67	<b>5.81</b>	0.32	1.33	
<b>BGZT4W</b>	<b>7.79</b>	0.61	0.84	<b>7.65</b>	0.10	0.94	<b>8.26</b>	-0.48	1.37	<b>5.91</b>	0.10	0.24	<b>5.66</b>	-0.94	0.40	
<b>BZVZ3A</b>	<b>7.55</b>	-1.08	1.43	<b>7.70</b>	0.45	0.33	<b>8.42</b>	0.50	1.11	<b>6.13</b>	1.77	1.84	<b>5.90</b>	1.05	0.26	
<b>CEREZH</b>	<b>7.73</b>	0.19	2.96	<b>7.70</b>	0.50	1.77	<b>7.89</b>	-2.82	0.56	<b>5.68</b>	-1.69	2.54	<b>5.46</b>	-2.68	3.93	
<b>CXM8LG</b>	<b>7.70</b>	0.00	0.00	<b>7.53</b>	-0.77	1.25	<b>8.37</b>	0.17	1.05	<b>5.83</b>	-0.51	1.20	<b>5.77</b>	-0.07	1.50	
<b>D3VDRR</b>	<b>7.67</b>	-0.23	1.02	<b>7.53</b>	-0.77	1.25	<b>8.23</b>	-0.66	1.05	<b>6.03</b>	1.03	1.20	<b>6.00</b>	1.89		
<b>D48QWN</b>	<b>7.76</b>	0.45	0.10	<b>7.66</b>	0.17	0.22	<b>8.37</b>	0.21	0.28	<b>5.87</b>	-0.23	0.21	<b>5.77</b>	-0.01	0.54	
<b>FPZTHE</b>	<b>7.70</b>	0.02	0.10	<b>7.65</b>	0.07	0.13	<b>8.31</b>	-0.17	0.38	<b>5.99</b>	0.67	0.32	<b>5.90</b>	1.08	0.30	
<b>GEDE84</b>	<b>7.78</b>	0.59	0.27	<b>7.69</b>	0.40	0.22	<b>8.42</b>	0.50	0.48	<b>5.82</b>	-0.64	0.60	<b>5.77</b>	-0.07	0.60	
<b>H2KZFR</b>	<b>7.78</b>	0.56	0.00	<b>7.63</b>	-0.07	0.90	<b>8.37</b>	0.19	0.32	<b>5.94</b>	0.31	0.55	<b>5.84</b>	0.57	0.15	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910					
	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			
H7HV72	7.66	-0.31	0.51	7.54	-0.70	0.45	8.37	0.17	0.28	5.70	-1.51	0.67	5.68	-0.83	0.40			
HDDJVV	7.67	-0.19	1.21	7.63	-0.02	1.97	8.47	0.81	0.73	6.08	1.36	0.43	6.04	2.23	0.45			
HMNLFX	7.70	0.00	0.00	7.73	0.72	1.25	8.37	0.17	1.05	5.97	0.51	1.20	5.80	0.21	0.00			
HVGT2N	7.46	-1.72	0.10	7.36	-2.09	0.45	8.05	-1.78	0.11	6.00	0.80	0.67	5.94	1.39	0.26			
J9JJ2G	7.41	-2.03	1.24	7.66	0.15	1.60	8.60	1.64	0.84	6.53	4.82X	3.13	6.40	5.26X	1.30			
JGERWL	7.70	0.00	0.00	7.60	-0.27	0.00	8.33	-0.04	1.05	5.80	-0.77	0.00	5.77	-0.07	1.50			
K2YK4G	7.35	-2.44	0.74	7.03	-4.56X	5.62	7.72	-3.88X	7.60	5.08	-6.34X	5.94	4.92	-7.22X	6.49			
KH4MQ9	7.60	-0.70	0.00	7.50	-1.02		8.20	-0.87	0.00	5.80	-0.77	0.00	5.67	-0.91	1.50			
KXZ99G	7.39	-2.18	1.06	7.38	-1.92	1.21	8.08	-1.60	0.46	5.94	0.33	0.93	5.86	0.72	0.78			
MWWNA 7	7.64	-0.45	1.51	7.63	-0.02	2.30	8.33	-0.04	1.73	6.00	0.80	2.07	5.83	0.43	1.82			
N7FGZT	7.77	0.52	0.20	7.64	0.00	0.13	8.38	0.25	0.32	5.84	-0.49	0.32	5.74	-0.27	0.15			
NMA8FG	7.72	0.12	0.88	7.58	-0.40	1.60	8.35	0.08	0.82	5.83	-0.54	1.36	5.78	0.04	1.62			
PHQ7FA	7.68	-0.16	0.27	7.65	0.07	1.27	7.95	-2.41	4.38	5.78	-0.95	0.52	5.78	0.01	1.98			
PNAZHE	7.82	0.86	0.37	7.69	0.39	0.04	8.38	0.24	0.22	5.91	0.11	0.20	5.81	0.31	0.22			
PNB8U2	7.58	-0.85	0.00	7.41	-1.67	0.25	8.03	-1.93	0.00	5.76	-1.05	0.12	5.63	-1.25	0.15			
PQZ9J3	7.67	-0.20	0.10	7.64	0.05	0.09	8.27	-0.42	1.35	6.02	0.91	0.58	5.87	0.77	0.90			
QEGL29	7.77	0.47	0.10	7.71	0.52	0.13	8.48	0.87	0.18	5.94	0.33	0.12	5.87	0.80	0.26			
QMXKND	7.71	0.09	0.37	7.62	-0.12	0.43	8.33	-0.08	0.46	5.79	-0.82	0.43	5.76	-0.13	0.26			
QZK84Z	7.68	-0.16	0.10	7.49	-1.07	0.33	8.19	-0.93	0.36	5.80	-0.77	0.21	5.71	-0.55	0.26			
R3LUVV	7.84	1.01	0.84	7.65	0.12	1.23	8.42	0.52	0.69	5.92	0.15	0.75	5.75	-0.21	0.78			
RA6HPH	6.51	-8.39X	0.18	7.50	-1.02	0.22	8.25	-0.56	0.18	5.69	-1.62	0.21	5.65	-1.05	0.26			
RCF7LB	7.57	-0.89	0.98	7.54	-0.75	0.13	7.92	-2.63	0.38	5.70	-1.51	0.12	5.66	-1.00	0.54			
TEEBKW	7.77	0.52	0.37	7.68	0.32	0.00	8.36	0.12	0.18	5.94	0.33	1.38	5.71	-0.57	0.30			
TZVTP8	7.68	-0.14	0.18	7.64	0.00	0.13	8.32	-0.12	0.18	5.82	-0.64	0.32	5.72	-0.43	0.40			
UDEHV9	7.76	0.42	0.18	7.69	0.42	0.25	8.42	0.48	0.11	5.80	-0.77	0.00	5.70	-0.63	0.52			



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>UF6GDD</b>	<b>7.61</b>	-0.63	0.00	<b>7.53</b>	-0.80	0.00	<b>8.35</b>	0.06	0.00	<b>6.09</b>	1.46	0.00	<b>5.92</b>	1.22	0.00	
<b>UQ766A</b>	<b>7.66</b>	-0.26	0.10	<b>7.55</b>	-0.62	0.13	<b>8.28</b>	-0.39	0.11	<b>5.82</b>	-0.59	0.12	<b>5.77</b>	-0.07	0.15	
<b>V63J3H</b>	<b>7.73</b>	0.19	0.27	<b>7.51</b>	-0.92	0.66	<b>8.35</b>	0.04	0.28	<b>5.87</b>	-0.26	1.20	<b>5.82</b>	0.38	0.90	
<b>V9GTWV</b>	<b>7.69</b>	-0.07	0.53	<b>7.75</b>	0.87	0.50	<b>8.33</b>	-0.08	0.38	<b>5.87</b>	-0.23	0.36	<b>5.71</b>	-0.55	0.93	
<b>XJC76C</b>	<b>7.71</b>	0.09	0.27	<b>7.71</b>	0.52	0.33	<b>8.32</b>	-0.10	0.28	<b>5.84</b>	-0.49	0.12	<b>5.76</b>	-0.13	0.26	
<b>XKJ3GM</b>	<b>6.59</b>	-7.85X	2.46	<b>6.75</b>	-6.63X	2.82	<b>7.71</b>	-3.90X	1.39	<b>6.59</b>	5.29X	5.56	<b>6.24</b>	3.88X	1.84	
<b>XV6PK3</b>	<b>7.89</b>	1.36	0.45	<b>7.93</b>	2.17	0.76	<b>8.47</b>	0.83	0.46	<b>5.97</b>	0.54	1.45	<b>5.88</b>	0.91	0.65	
<b>YMUNY2</b>	<b>7.58</b>	-0.87	2.41	<b>7.50</b>	-1.05	2.01	<b>8.42</b>	0.52	0.56	<b>5.96</b>	0.49	1.74	<b>5.83</b>	0.49	0.54	
<b>ZLTRUJ</b>	<b>7.74</b>	0.26	0.84	<b>7.58</b>	-0.40	0.45	<b>8.38</b>	0.27	0.38	<b>5.91</b>	0.05	0.12	<b>5.76</b>	-0.15	1.28	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	<b>Grand Median</b>	7.70			7.64			8.34			5.90			5.78		
<b>Median Abs Dev</b>	0.07			0.08			0.08			0.08			0.07			
<b>Avg Within Lab SD</b>	0.06			0.05			0.05			0.05			0.04			
<b>Labs Included</b>	58			57			58			56			56			
<b>Labs Reporting</b>	60			60			60			60			60			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>42C7EX</b>	<b>7.37</b>	-1.81	0.26	<b>7.45</b>	-1.55	0.25	<b>8.22</b>	-1.36	0.27	<b>5.83</b>	-1.10	0.78	<b>5.69</b>	-1.51	0.28	
<b>6NKG3T</b>	<b>7.89</b>	0.13	0.40	<b>7.71</b>	-0.21	0.09	<b>8.50</b>	-0.02	0.27	<b>5.97</b>	0.00	1.01	<b>5.85</b>	-0.20	0.89	
<b>7L929R</b>	<b>7.96</b>	0.42	0.26	<b>7.74</b>	-0.04	0.16	<b>8.62</b>	0.59	0.20	<b>5.97</b>	0.05	0.41	<b>5.87</b>	0.00	0.00	
<b>7M8PL2</b>	<b>7.89</b>	0.15	0.26	<b>7.82</b>	0.35	0.25	<b>8.54</b>	0.17	0.07	<b>5.93</b>	-0.32	0.10	<b>5.90</b>	0.22	0.58	
<b>ADLAAP</b>	<b>7.76</b>	-0.35	0.82	<b>7.84</b>	0.45	1.47	<b>8.54</b>	0.17	0.27	<b>5.94</b>	-0.19	0.72	<b>5.84</b>	-0.28	1.12	
<b>AKJYTE</b>	<b>7.80</b>	-0.20	1.64	<b>7.70</b>	-0.23	1.51	<b>8.57</b>	0.32	1.24	<b>6.24</b>	2.20	2.16	<b>5.95</b>	0.70	2.57	
<b>BHWMRN</b>	<b>7.37</b>	-1.84	0.72	<b>7.70</b>	-0.25	1.62	<b>8.43</b>	-0.33	2.70	<b>6.00</b>	0.27		<b>6.13</b>	2.21	1.60	
<b>D48QWN</b>	<b>7.86</b>	0.03	0.13	<b>7.76</b>	0.08	0.09	<b>8.59</b>	0.41	0.33	<b>5.97</b>	0.00	0.21	<b>5.87</b>	0.00	0.28	
<b>EJE3C7</b>	<b>7.50</b>	-1.35	3.20	<b>7.63</b>	-0.61	1.49	<b>8.25</b>	-1.23	2.92	<b>6.05</b>	0.64	1.07	<b>5.88</b>	0.11	0.58	
<b>F6DC3R</b>	<b>8.03</b>	0.67	1.24	<b>8.09</b>	1.73	0.34	<b>8.78</b>	1.33	0.64	<b>6.17</b>	1.63	0.25	<b>6.10</b>	1.89	0.59	
<b>FQAV4D</b>	<b>7.46</b>	-1.48	1.42	<b>7.42</b>	-1.67	2.85	<b>8.11</b>	-1.89	1.69	<b>5.80</b>	-1.37	0.84	<b>5.68</b>	-1.59	1.21	
<b>GA7D3L</b>	<b>7.77</b>	-0.31	0.25	<b>7.73</b>	-0.09	0.74	<b>8.31</b>	-0.93	0.34	<b>5.90</b>	-0.51	0.27	<b>5.80</b>	-0.59	0.83	
<b>GMNZUD</b>	<b>7.65</b>	-0.78	0.13	<b>7.31</b>	-2.26	0.24	<b>8.14</b>	-1.76	0.07	<b>5.92</b>	-0.38	0.07	<b>6.04</b>	1.43	0.40	
<b>PAETWT</b>	<b>8.10</b>	0.93	1.25	<b>7.93</b>	0.95	0.94	<b>8.53</b>	0.15	0.75	<b>6.67</b>	5.62X	6.24	<b>7.20</b>	11.16X	7.33	
<b>QJFYNY</b>	<b>8.00</b>	0.54	0.40	<b>7.80</b>	0.25	0.09	<b>8.71</b>	1.00	0.07	<b>6.00</b>	0.24	0.10	<b>5.93</b>	0.50	0.00	
<b>QMXKND</b>	<b>7.85</b>	0.00	0.32	<b>7.77</b>	0.09	0.25	<b>8.50</b>	-0.02	0.20	<b>5.90</b>	-0.51	0.10	<b>5.83</b>	-0.31	0.32	
<b>QZK84Z</b>	<b>7.92</b>	0.26	0.19	<b>7.64</b>	-0.54	0.09	<b>8.51</b>	0.04	0.26	<b>5.94</b>	-0.19	0.10	<b>5.87</b>	0.00	0.55	
<b>RZGKYD</b>	<b>7.84</b>	-0.04	0.94	<b>7.76</b>	0.04	0.34	<b>8.43</b>	-0.33	0.75	<b>5.93</b>	-0.27	1.03	<b>5.80</b>	-0.59	0.00	
<b>TEEBKW</b>	<b>8.03</b>	0.68	0.07	<b>7.85</b>	0.54	0.25	<b>8.68</b>	0.85	0.15	<b>5.97</b>	0.03	0.53	<b>5.90</b>	0.25	0.00	
<b>V9GTWV</b>	<b>7.93</b>	0.30	0.38	<b>7.94</b>	0.98	0.32	<b>8.51</b>	0.02	0.33	<b>5.96</b>	-0.03	0.27	<b>5.87</b>	0.03	0.42	
<b>VYQ8QW</b>	<b>7.95</b>	0.36	0.13	<b>7.79</b>	0.23	0.09	<b>8.60</b>	0.46	0.07	<b>5.97</b>	0.03	0.18	<b>5.86</b>	-0.06	0.16	
<b>XKJ3GM</b>	<b>7.21</b>	-2.43	1.20	<b>7.57</b>	-0.90	0.52	<b>8.38</b>	-0.59	0.78	<b>6.16</b>	1.58	0.67	<b>5.86</b>	-0.11	0.97	
<b>XYLX2</b>	<b>6.64</b>	-4.57X	3.35	<b>7.38</b>	-1.87	1.24	<b>8.12</b>	-1.86	0.91	<b>6.45</b>	3.88	3.32	<b>6.20</b>	2.77	2.54	
<b>Z8TQFW</b>	<b>7.73</b>	-0.45	0.72	<b>7.80</b>	0.27	1.62	<b>8.43</b>	-0.33	0.37	<b>5.98</b>	0.11	0.18	<b>5.85</b>	-0.17	0.55	



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
<b>Grand Median</b>	7.85	7.75	8.50	5.97	5.87	
<b>Median Abs Dev</b>	0.11	0.08	0.09	0.03	0.03	
<b>Avg Within Lab SD</b>	0.08	0.06	0.08	0.06	0.04	
<b>Labs Included</b>	23	24	24	23	23	
<b>Labs Reporting</b>	24	24	24	24	24	



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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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	7.49	0.20	0.31	7.37	0.43	0.20	7.77	0.00	0.95	5.65	0.76	2.20	5.58	1.28	1.21	
2FHJZD	7.52	0.40	0.41	7.35	0.17	0.20	7.90	1.11	0.33	5.54	-0.87	0.57	5.41	-0.62	0.46	
42C7EX	7.12	-2.59X	0.10	7.05	-2.81X	0.40	7.47	-2.62X	0.38	5.45	-2.29X	1.56	5.29	-2.06X	0.30	
7M8PL2	7.43	-0.27	0.10	7.31	-0.20	0.00	7.84	0.64	0.13	5.54	-0.97	0.57	5.36	-1.24	0.30	
A2GFDZ	7.51	0.37	0.68	7.32	-0.07	0.40	7.70	-0.61	0.57	5.60	-0.03	0.78	5.47	0.00	0.35	
AKJYTE	7.24	-1.69	0.55	7.21	-1.16	1.06	7.64	-1.11	2.54	5.85	3.92X	4.16	5.56	1.09	2.57	
CXM8LG	7.43	-0.22	1.03	7.30	-0.30	0.00	7.77	-0.03	1.25	5.60	0.03	0.00	5.47	0.00	1.73	
JGERWL	7.40	-0.47	0.00	7.33	0.03	2.01	7.73	-0.32	1.25	5.57	-0.50	2.17	5.50	0.39		
KXZ99G	7.14	-2.41	0.71	7.07	-2.58	2.44	7.47	-2.62	0.43	5.64	0.71	1.15	5.55	0.93	1.35	
NYE3D8	7.47	0.02	0.98	7.27	-0.56	1.92	7.80	0.29	1.07	5.57	-0.45	1.13	5.42	-0.51	1.35	
QEGL29	7.55	0.65	0.18	7.41	0.79	0.35	7.90	1.16	0.13	5.68	1.29	0.38	5.56	1.09	0.30	
QMXKND	7.49	0.20	0.18	7.33	0.00	0.70	7.82	0.41	0.13	5.57	-0.45	0.38	5.45	-0.19	0.30	
UDEHV9	7.50	0.25	0.10	7.33	0.00	0.00	7.84	0.64	0.13	5.53	-1.03	0.22	5.39	-0.93	0.17	
V63J3H	7.50	0.30	0.72	7.38	0.46	0.53	7.79	0.20	0.82	5.70	1.55	0.78	5.53	0.74	0.30	
V9GTWV	7.36	-0.75	0.55	7.48	1.52	0.53	7.67	-0.87	0.38	5.62	0.29	0.57	5.45	-0.16	0.35	
XJC76C	7.46	0.00	0.27	7.38	0.50	0.00	7.77	0.03	0.13	5.56	-0.61	0.38	5.42	-0.54	0.00	
YMUNY2	7.28	-1.37	0.94	7.08	-2.51	0.80	7.69	-0.66	1.89	5.66	0.97	0.99	5.35	-1.40	0.63	
Z3XKV7	7.21	-1.89	3.40	7.31	-0.20	0.35	7.68	-0.76	0.50	5.62	0.29	0.43	5.50	0.35	0.17	

pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	Grand Median	7.46			7.33			7.77			5.60			5.47		
Median Abs Dev	0.05			0.04			0.07			0.04			0.05			
Avg Within Lab SD	0.06			0.03			0.05			0.03			0.03			
Labs Included	17			17			17			16			17			
Labs Reporting	18			18			18			18			18			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>39EBYX</b>	<b>7.48</b>	0.15	0.56	<b>7.28</b>	0.18	0.25	<b>7.64</b>	-0.29	0.82	<b>5.53</b>	-0.54	0.82	<b>5.39</b>	-0.58	0.21	
<b>42C7EX</b>	<b>7.34</b>	-0.55	0.16	<b>7.26</b>	0.00	0.90	<b>7.65</b>	-0.24	0.82	<b>5.53</b>	-0.54	0.41	<b>5.39</b>	-0.58	0.21	
<b>6ZAD4Q</b>	<b>7.17</b>	-1.41	1.87	<b>7.20</b>	-0.38	0.00	<b>7.50</b>	-0.93		<b>5.63</b>	1.05	2.36	<b>5.50</b>	1.37	3.10	
<b>N7FGZT</b>	<b>7.63</b>	0.91	0.25	<b>7.43</b>	1.17	1.25	<b>7.91</b>	0.92	0.00	<b>5.57</b>	0.13	0.24	<b>5.42</b>	-0.09	0.00	
<b>NBQVXD</b>	<b>7.40</b>	-0.23	0.98	<b>7.25</b>	-0.07	1.00	<b>7.56</b>	-0.65	1.99	<b>5.56</b>	-0.13	0.43	<b>5.42</b>	-0.12	0.24	
<b>QZK84Z</b>	<b>7.45</b>	0.00	0.32	<b>7.17</b>	-0.57	0.87	<b>7.71</b>	0.00	0.31	<b>5.54</b>	-0.39	0.41	<b>5.45</b>	0.40	0.10	
<b>R3LUVV</b>	<b>7.50</b>	0.27	1.40	<b>7.33</b>	0.51	2.18	<b>7.85</b>	0.66	0.31	<b>5.64</b>	1.15	1.42	<b>5.43</b>	0.09	0.18	
<b>TEEBKW</b>	<b>7.41</b>	-0.22	0.25	<b>7.15</b>	-0.73	0.50	<b>7.85</b>	0.66	0.62	<b>5.53</b>	-0.49	0.62	<b>5.39</b>	-0.58	0.10	
<b>V9GTWV</b>	<b>7.51</b>	0.28	0.73	<b>7.51</b>	1.66	0.25	<b>7.77</b>	0.27	0.62	<b>5.66</b>	1.40	0.85	<b>5.53</b>	1.86	0.45	
<b>VYQ8QW</b>	<b>7.63</b>	0.88	0.09	<b>7.41</b>	1.02	0.00	<b>7.89</b>	0.83	0.00	<b>5.63</b>	0.94	0.24	<b>5.48</b>	1.07	0.10	
<b>XKJ3GM</b>	<b>6.94</b>	-2.53	1.87	<b>7.08</b>	-1.15	1.32	<b>7.27</b>	-1.97	1.93	<b>6.06</b>	7.64X	7.11	<b>5.74</b>	5.77X	1.53	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	7.45			7.26			7.71			5.57			5.43			
<b>Median Abs Dev</b>	0.06			0.09			0.15			0.04			0.03			
<b>Avg Within Lab SD</b>	0.06			0.02			0.02			0.02			0.06			
<b>Labs Included</b>	11			11			11			10			10			
<b>Labs Reporting</b>	11			11			11			11			11			



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>24M632</b>	<b>0.47</b>		0.52	<b>0.38</b>		1.64	<b>0.40</b>		0.64	<b>0.39</b>		0.22	<b>0.31</b>		1.80	
<b>EJE3C7</b>	<b>0.19</b>		0.26	<b>0.19</b>		0.21	<b>0.18</b>		1.44	<b>0.15</b>		0.06	<b>0.12</b>		0.36	
<b>FQAV4D</b>	<b>0.21</b>		1.90	<b>0.19</b>		1.06	<b>0.19</b>		0.72	<b>0.16</b>		0.34	<b>0.13</b>		0.75	
<b>UECTQB</b>	<b>0.27</b>		0.22	<b>0.26</b>		0.37	<b>0.30</b>		1.00	<b>0.20</b>		1.96	<b>0.15</b>		0.27	
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	0.24			0.23			0.25			0.18			0.14			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.01			0.01			0.01			0.02			0.00			
<b>Labs Included</b>	4			4			4			4			4			
<b>Labs Reporting</b>	4			4			4			4			4			





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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>42C7EX</b>	<b>7.34</b>	-1.21	1.83	<b>7.27</b>	-1.36	1.26	<b>7.39</b>	-0.65	0.97	<b>6.59</b>	-0.90	0.09	<b>6.64</b>	-0.63	0.93	
<b>6ZAD4Q</b>	<b>7.20</b>	-2.45	0.00	<b>7.17</b>	-2.21	1.31	<b>7.27</b>	-1.43	1.14	<b>6.70</b>	-0.29	0.44	<b>6.70</b>	-0.23	2.05	
<b>92XAFU</b>	<b>7.48</b>	0.00	1.27	<b>7.48</b>	0.38	0.65	<b>7.50</b>	0.00		<b>6.88</b>	0.70	0.13	<b>6.85</b>	0.82	1.03	
<b>A2GFDZ</b>	<b>7.54</b>	0.46	0.67	<b>7.46</b>	0.19	0.00	<b>7.57</b>	0.43	0.20	<b>6.75</b>	0.00	0.03	<b>6.80</b>	0.49	0.72	
<b>GA7D3L</b>	<b>7.49</b>	0.06	0.44	<b>7.44</b>	0.00	0.35	<b>7.45</b>	-0.33	0.80	<b>6.83</b>	0.41	0.09	<b>6.90</b>	1.19	0.43	
<b>N7FGZT</b>	<b>7.48</b>	-0.03	0.44	<b>7.42</b>	-0.14	1.77	<b>7.51</b>	0.04	0.11	<b>6.62</b>	-0.74	0.03	<b>6.73</b>	0.00	0.12	
<b>YMUNY2</b>	<b>7.54</b>	0.52	1.10	<b>7.49</b>	0.44	0.00	<b>7.80</b>	1.84	1.75	<b>7.07</b>	1.69	2.60	<b>6.54</b>	-1.36	0.41	
SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	7.48			7.44			7.50			6.75			6.73			
<b>Median Abs Dev</b>	0.05			0.05			0.07			0.13			0.09			
<b>Avg Within Lab SD</b>	0.02			0.04			0.05			0.23			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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	7.56	0.29	0.79	7.52	0.44	0.20	7.56	0.26	0.00	6.99	1.38	1.31	6.98	0.77	2.35	
2FHJZD	7.52	-0.34	0.89	7.48	-0.15	0.20	7.51	-0.47	0.70	6.82	-0.12	0.36	6.87	-0.07	0.66	
2Q2XZU	7.60	0.82	0.00	7.50	0.15		7.60	0.90	0.00	6.90	0.58	0.00	6.93	0.42	1.51	
3K8X8E	7.50	-0.63		7.50	0.15		7.50	-0.69		6.80	-0.34	0.00	6.90	0.15	0.00	
7M8PL2	7.52	-0.29	0.30	7.48	-0.21	0.35	7.52	-0.32	0.35	6.80	-0.37	0.10	6.81	-0.61	0.40	
98ZXXG	7.52	-0.30	0.92	7.46	-0.59	1.00	7.52	-0.42	1.50	6.70	-1.30	0.43	6.67	-1.72	0.77	
A2GFDZ	7.49	-0.77	1.36	7.47	-0.38	1.06	7.52	-0.37	1.61	6.87	0.28	0.44	6.91	0.23	1.46	
A78MXT	7.64	1.35	0.30	7.55	1.08	0.41	7.63	1.32	0.35	6.88	0.43	0.27	6.89	0.07	0.26	
ATCA4A	7.53	-0.23	0.03	7.48	-0.23	0.02	7.53	-0.25	0.04	6.82	-0.16	0.13	6.86	-0.20	0.15	
D3VDRR	7.30	-3.53X	0.00	7.23	-4.54X	2.04	7.30	-3.85X	0.00	6.57	-2.48X	1.01	6.40	-3.90X	0.00	
D48QWN	7.60	0.77	0.79	7.52	0.44	0.41	7.57	0.42	0.61	6.91	0.67	0.17	6.93	0.42	0.15	
GEDE84	7.56	0.29	0.59	7.51	0.26	0.20	7.58	0.58	0.61	6.82	-0.18	0.10	6.81	-0.58	0.26	
HVGT2N	7.45	-1.35	2.36	7.40	-1.61	1.27	7.49	-0.84	2.44	6.83	-0.09	0.53	6.82	-0.47	1.35	
NMA8FG	7.50	-0.63	1.36	7.42	-1.20	3.87	7.51	-0.58	0.35	6.63	-1.93	4.17	6.63	-2.01	2.63	
PHQ7FA	7.41	-1.93	2.67	7.40	-1.67	0.54	7.40	-2.21	2.75	6.73	-1.01	1.26	6.71	-1.39	0.26	
PNB8U2	7.60	0.82	0.00	7.59	1.73	0.00	7.59	0.74	0.00	7.09	2.33	0.00	7.16	2.25	0.00	
PQZ9J3	7.65	1.48	0.26	7.58	1.63	0.19	7.65	1.72	0.44	6.86	0.21	0.25	6.92	0.31	0.26	
QMXKND	7.62	1.06	0.30	7.56	1.20	0.35	7.62	1.16	0.35	6.95	1.07	0.44	7.06	1.47	0.61	
RA6HPH	7.56	0.24	0.51	7.49	-0.03	0.35	7.56	0.26	0.61	6.90	0.58	0.17	6.93	0.39	0.26	
UDEHV9	7.54	-0.10	0.30	7.49	0.03	0.20	7.54	-0.11	0.35	6.85	0.09	0.10	6.90	0.12	0.84	
UQ766A	7.55	0.10	0.00	7.48	-0.21	0.00	7.55	0.11	0.00	6.81	-0.21	0.10	6.86	-0.15	0.15	
Z8TQFW	7.49	-0.82	0.30	7.43	-1.14	0.20	7.49	-0.79	0.35	6.78	-0.55	0.10	6.77	-0.88	0.15	
ZLTRUJ	7.56	0.19	0.79	7.51	0.32	0.00	7.56	0.32	0.35	6.94	0.95	0.17	6.86	-0.18	0.79	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
<b>Grand Median</b>	7.54	7.49	7.54	6.84	6.88	
<b>Median Abs Dev</b>	0.04	0.02	0.03	0.05	0.05	
<b>Avg Within Lab SD</b>	0.02	0.03	0.02	0.06	0.04	
<b>Labs Included</b>	22	22	22	22	22	
<b>Labs Reporting</b>	23	23	23	23	23	



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>24M632</b>	<b>7.90</b>		1.27	<b>7.87</b>		1.49	<b>7.77</b>		1.75	<b>7.52</b>	0.00	0.67	<b>7.54</b>	-0.13	0.76
<b>8NCFMP</b>	<b>7.90</b>		0.29	<b>7.83</b>		0.05	<b>7.77</b>		0.27	<b>7.50</b>	-0.30	1.00	<b>7.52</b>	-0.50	1.03
<b>AJD3G4</b>										<b>7.61</b>	1.35	1.46	<b>7.60</b>	1.11	1.49
<b>H2KZFR</b>	<b>7.89</b>		0.73	<b>7.85</b>		0.82	<b>7.78</b>		0.66	<b>7.51</b>	-0.10	0.22	<b>7.54</b>	0.00	1.03
<b>HDDJWV</b>	<b>7.90</b>		1.32	<b>7.86</b>		1.04	<b>7.81</b>		0.66	<b>7.62</b>	1.61	1.17	<b>7.63</b>	1.63	0.29
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	7.90			7.86			7.78			7.52			7.54		
<b>Median Abs Dev</b>										0.02			0.03		
<b>Avg Within Lab SD</b>	0.02			0.03			0.02			0.03			0.02		
<b>Labs Included</b>	4			4			4			5			5		
<b>Labs Reporting</b>	4			4			4			5			5		



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910			
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>24M632</b>	<b>7.07</b>	-0.14	1.34	<b>7.04</b>	-0.13	1.43	<b>7.08</b>	-0.46	0.98	<b>6.66</b>	0.00	0.74	<b>6.75</b>	1.23	0.75	
<b>2FHJZD</b>	<b>7.14</b>	1.25	1.70	<b>7.14</b>	1.21	1.24	<b>7.18</b>	0.50	1.18	<b>6.66</b>	-0.09	0.50	<b>6.67</b>	-0.44	0.66	
<b>7M8PL2</b>	<b>7.07</b>	-0.21	0.64	<b>6.96</b>	-1.26	0.41	<b>7.04</b>	-0.89	0.87	<b>6.70</b>	0.43	0.37	<b>6.68</b>	-0.36	0.66	
<b>KXZ99G</b>	<b>7.08</b>	0.00	0.64	<b>7.05</b>	0.00	0.72	<b>7.13</b>	0.00	0.87	<b>6.59</b>	-0.94	0.49	<b>6.65</b>	-0.87	1.53	
<b>QMXKND</b>	<b>7.15</b>	1.46	1.11	<b>7.12</b>	0.94	0.72	<b>7.31</b>	1.82	0.00	<b>6.50</b>	-2.13	0.14	<b>6.69</b>	0.00	0.91	
<b>UDEHV9</b>	<b>7.04</b>	-0.90	0.37	<b>7.03</b>	-0.27	0.00	<b>7.06</b>	-0.69	0.33	<b>6.68</b>	0.26	0.50	<b>6.71</b>	0.29	0.66	
<b>XV6PK3</b>	<b>7.12</b>	0.76	0.37	<b>7.12</b>	0.90	1.49	<b>7.16</b>	0.36	1.74	<b>6.73</b>	0.89	2.36	<b>6.76</b>	1.53	1.40	
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	7.08			7.05			7.13			6.66			6.69			
<b>Median Abs Dev</b>	0.04			0.07			0.05			0.03			0.02			
<b>Avg Within Lab SD</b>	0.02			0.01			0.02			0.04			0.02			
<b>Labs Included</b>	7			7			7			7			7			
<b>Labs Reporting</b>	7			7			7			7			7			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS1910				
SRS1906				SRS1907				SRS1908				SRS1909				SRS1910		
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>MWWNA</b>													<b>6.10</b>		1.37	<b>6.11</b>		1.35
7																		
<b>NYE3D8</b>	<b>6.67</b>		1.00	<b>6.68</b>		1.00	<b>6.72</b>		1.00	<b>6.18</b>		0.35	<b>6.17</b>		0.43			
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS1910				
SRS1906				SRS1907				SRS1908				SRS1909				SRS1910		
<b>Grand Median</b>	6.67			6.68			6.72			6.14			6.14					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.04			0.04			0.04			0.09			0.11					
<b>Labs Included</b>	1			1			1			2			2					
<b>Labs Reporting</b>	1			1			1			2			2					



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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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	86.1	-0.9	0.4	54.1	-0.2	0.2	28.1	-0.6	0.7	66.4	-0.2	1.1	57.3	0.0	0.3	
2Q2XZU	103.2	0.6	0.5	52.5	-0.5	0.4	34.3	0.9	0.4	65.8	-0.2	0.4	54.3	-0.4	0.6	
6ZAD4Q	88.8	-0.6	0.1	54.7	-0.1	0.3	29.6	-0.3	0.2	66.4	-0.2	0.5	58.4	0.1	0.3	
7M8PL2	91.7	-0.4	0.4	43.3	-2.0	0.2	30.0	-0.2	1.2	60.6	-1.0	1.3	46.5	-1.3	0.7	
8NCFMP	97.8	0.1	0.2	58.6	0.6	0.1	32.1	0.3	0.1	72.6	0.7	0.1	63.1	0.7	0.2	
A2GFDZ	89.1	-0.6	0.1	57.8	0.4	0.1	31.6	0.2	0.0	71.5	0.6	0.4	61.6	0.5	0.2	
AKJYTE	82.5	-1.2	0.1	51.5	-0.6	0.8	26.7	-0.9	0.3	62.0	-0.8	1.4	55.4	-0.2	0.9	
ATCA4A	103.9	0.7	0.2	55.2	0.0	0.3	32.4	0.4	0.2	67.7	0.0	0.5	54.9	-0.3	0.2	
BGZT4W	106.0	0.8	0.2	61.8	1.1	0.2	39.2	2.0	0.6	80.9	1.9	0.5	75.6	2.3X	0.2	
BZVZ3A	85.6	-0.9	0.2	55.6	0.1	0.1	28.9	-0.4	0.1	68.4	0.1	0.2	59.5	0.3	0.1	
D3VDRR	89.7	-0.6	1.3	56.3	0.2	0.7	32.7	0.5	0.3	72.7	0.7	0.3	58.7	0.2	3.4	
D48QWN	92.0	-0.4	0.4	46.7	-1.4	0.7	28.0	-0.6		61.3	-0.9	0.9	52.7	-0.6	0.3	
F6DC3R	77.5	-1.6		47.2	-1.3		22.4	-2.0		50.4	-2.5		42.2	-1.9		
FQAV4D	91.6	-0.4	3.3	59.1	0.7	4.4	38.0	1.7	5.6	68.1	0.1	1.5	62.0	0.6	2.2	
GA7D3L	116.2	1.7	0.4	63.3	1.3	0.6	36.5	1.4	0.5	74.4	1.0	1.4	65.4	1.0	0.6	
GMNZUD	99.1	0.2	0.5	56.8	0.3	0.1	33.3	0.6	0.5	69.0	0.2	1.4	62.4	0.6	1.2	
H2KZFR	101.6	0.5	0.2	49.9	-0.9	0.6	30.6	0.0	0.0	63.2	-0.6	0.5	50.6	-0.8	0.9	
HDDJVV	100.3	0.4	0.9	56.2	0.2	2.0	33.6	0.7	0.6	67.5	0.0	1.9	52.1	-0.6	1.4	
HMNLFX	54.7	-3.6X	0.1	47.0	-1.4		34.3	0.9	0.3	52.3	-2.2	0.7	50.0	-0.9		
HVGT2N	107.2	1.0	0.2	52.5	-0.4	0.7	32.4	0.4	0.6	64.6	-0.4	0.9	48.7	-1.1	0.7	
K2YK4G	53.9	-3.7X	0.2	28.7	-4.4X	2.3	19.8	-2.6X	1.0	46.0	-3.1X	1.4	35.1	-2.8X	2.6	
KH4MQ9	89.1	-0.6	0.1	54.8	-0.1	0.1	30.4	-0.1	0.0	65.4	-0.3	0.7	59.5	0.3		
KXZ99G	96.2	0.0	1.4	50.8	-0.7	1.5	27.6	-0.7	0.7	57.3	-1.5	1.7	47.6	-1.2	1.0	
N7FGZT	96.6	0.0	0.3	59.0	0.6	0.2	30.5	0.0	0.1	72.2	0.7	0.7	62.4	0.6	0.4	
NBQVXD	90.2	-0.5	0.3	57.0	0.3	0.2	28.9	-0.4	0.5	67.9	0.1	1.0	58.7	0.2	0.2	
PAETWT	83.3	-1.1	0.3	56.0	0.1	0.5	30.7	0.0	0.3	67.7	0.0	1.6	61.0	0.5	0.6	



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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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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
PHQ7FA	98.1	0.2	0.7	53.6	-0.3	0.4	32.0	0.3	0.5	64.5	-0.4	1.6	52.5	-0.6	1.6
PNAZHE	91.8	-0.4	0.6	53.3	-0.3	0.6	25.7	-1.2	0.4	64.7	-0.4	0.4	54.9	-0.3	0.3
PNB8U2	84.1	-1.1	0.0	50.4	-0.8	0.0	41.1	2.5	0.2	58.7	-1.3	0.0	48.5	-1.1	0.0
QMXKND	107.4	1.0	0.2	50.8	-0.7	0.1	31.6	0.2	0.1	67.5	0.0	0.7	53.0	-0.5	0.2
RA6HPH	65.7	-2.6X	0.9	55.7	0.1	1.0	28.3	-0.6	0.3	69.0	0.2	0.6	58.3	0.1	0.3
RZGKYD	82.2	-1.2	0.3	48.3	-1.2	0.2	25.8	-1.2	0.5	58.0	-1.4	0.8	50.6	-0.8	0.4
UDEHV9	112.6	1.4	4.2	44.4	-1.8	2.4	29.3	-0.3	1.4	60.7	-1.0	1.6	46.7	-1.3	1.5
UECTQB	97.4	0.1	0.5	58.6	0.6	0.4	33.9	0.8	0.1	68.4	0.1	0.8	60.7	0.4	0.5
UF6GDD	90.8	-0.5	0.0	57.4	0.4	0.0	32.1	0.3	0.0	70.0	0.4		61.0	0.5	
UQ766A	103.2	0.6	0.1	52.1	-0.5	0.3	28.6	-0.5	0.1	63.8	-0.5	0.2	47.2	-1.3	0.3
VMLR8M	100.9	0.4		60.2	0.8		30.2	-0.1		72.0	0.6		64.0	0.8	
XYLX2	89.1	-0.6	0.9	56.6	0.2	0.6	29.8	-0.2	0.4	70.8	0.5	0.8	63.2	0.7	1.7
XV6PK3	94.8	-0.1	0.5	48.3	-1.1	0.1	29.8	-0.2	0.3	62.8	-0.7	0.4	51.7	-0.7	0.6
Y4YVE4	98.9	0.2	0.6	43.6	-1.9	1.1	32.6	0.5	0.7	57.4	-1.4	1.6	49.2	-1.0	1.3
Z3XKV7	88.6	-0.7	0.2	58.5	0.5	0.9	30.7	0.0	0.2	70.4	0.4	1.1	61.5	0.5	1.0
Z4C4F3	101.7	0.5	0.6	64.4	1.5	0.2	34.2	0.8	0.1	77.6	1.5	0.4	68.3	1.4	0.4
Z8TQFW	110.7	1.3	0.3	58.3	0.5	0.1	40.0	2.2	0.2	74.8	1.0	0.0	66.0	1.1	0.3
ZLTRUJ	115.0	1.6	0.9	56.8	0.3	0.9	34.0	0.8	0.2	70.2	0.4	1.4	57.2	0.0	0.3

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
Grand Median	96.2			55.2			30.7			67.5			57.2		
Median Abs Dev	7.0			3.3			2.0			3.7			4.9		
Avg Within Lab SD	4.4			2.0			2.1			1.8			1.7		
Labs Included	41			43			43			43			42		
Labs Reporting	44			44			44			44			44		





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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>3K8X8E</b>	<b>98.0</b>	-0.1		<b>50.0</b>	-1.1		<b>35.0</b>	0.0		<b>58.3</b>	-0.2	0.2	<b>48.0</b>	-1.6	0.5
<b>3VRMZY</b>	<b>80.7</b>	-0.7	0.1	<b>53.0</b>	-0.7	1.6	<b>33.7</b>	-0.2	0.3	<b>56.8</b>	-0.3	0.2	<b>54.1</b>	0.6	1.6
<b>92XAFU</b>	<b>100.0</b>	0.0	0.4	<b>60.3</b>	0.3	0.7	<b>33.0</b>	-0.2		<b>71.0</b>	0.6	0.7	<b>55.7</b>	1.1	1.1
<b>A78MXT</b>	<b>83.9</b>	-0.6	0.4	<b>56.3</b>	-0.3	1.1	<b>34.0</b>	-0.1	0.3	<b>61.6</b>	0.0	0.8	<b>51.4</b>	-0.4	0.7
<b>BHWMRN</b>	<b>154.3</b>	1.9	0.8	<b>62.0</b>	0.5	0.8	<b>35.3</b>	0.0	0.4	<b>91.7</b>	1.9	0.9	<b>53.0</b>	0.2	0.9
<b>GEDE84</b>	<b>106.0</b>	0.2	0.3	<b>67.9</b>	1.2	0.5	<b>54.2</b>	2.3	0.9	<b>54.4</b>	-0.5	0.3	<b>51.9</b>	-0.2	0.7
<b>MWWNA</b> 7	<b>135.3</b>	1.3	2.2	<b>87.5</b>	3.8X	3.3	<b>51.1</b>	1.9	2.0	<b>81.6</b>	1.3	2.2	<b>68.5</b>	5.7X	1.2

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups						Data units: mg/kg	
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910		
<b>Grand Median</b>	100.0	58.3	35.0	61.6	52.4		
<b>Median Abs Dev</b>	16.1	4.5	1.3	7.2	1.3		
<b>Avg Within Lab SD</b>	5.6	2.1	3.0	2.6	1.9		
<b>Labs Included</b>	7	6	7	7	6		
<b>Labs Reporting</b>	7	7	7	7	7		



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
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>98ZXXG</b>	<b>93.0</b>		0.9	<b>59.6</b>		1.2	<b>31.7</b>		0.3	<b>71.5</b>		0.5	<b>64.4</b>		0.8
<b>C7XA8G</b>	<b>92.5</b>		0.8	<b>54.6</b>		0.8	<b>27.8</b>		1.2	<b>66.4</b>		0.3	<b>58.0</b>		0.2
<b>NMA8FG</b>	<b>62.8</b>		1.3	<b>41.1</b>		1.0	<b>22.9</b>		1.2	<b>47.2</b>		1.6	<b>46.5</b>		1.5
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	92.5			54.6			27.8			66.4			58.0		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	3.1			0.9			0.4			2.3			2.2		
<b>Labs Included</b>	3			3			3			3			3		
<b>Labs Reporting</b>	3			3			3			3			3		



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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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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
2Q2XZU	3.1	0.8	0.0	16.9	-0.7	0.3	3.1	0.8	0.4	8.2	-1.0	0.3	5.9	-0.9	0.2
42C7EX	1.7	-0.3	0.2	19.8	0.1	0.7	1.8	-0.2	0.6	9.7	-0.1	0.4	7.0	-0.1	0.7
6ZAD4Q	1.6	-0.5	0.6	19.1	0.0	0.8	2.2	0.1	0.8	10.0	0.0	0.3	7.3	0.1	0.4
7M8PL2	2.3	0.1	0.3	18.6	-0.2	0.4	1.7	-0.3	0.4	9.6	-0.2	0.2	6.0	-0.8	0.1
8NCFMP	1.7	-0.4	0.2	23.1	1.1	0.0	1.7	-0.3	0.2	11.3	0.8	0.1	8.0	0.5	
A2GFDZ	2.9	0.6	0.8	21.3	0.6	0.0	2.6	0.4	0.0	11.7	1.0	0.6	8.3	0.8	0.3
AKJYTE	2.5	0.3	1.2	20.4	0.3	1.0	3.4	1.1	1.2	10.6	0.4	1.3	9.7	1.6	0.3
ATCA4A	2.1	-0.1	0.1	21.0	0.5	0.4	2.0	-0.1	0.2	11.1	0.7	0.5	7.1	0.0	0.1
BZVZ3A	1.6	-0.5	0.4	19.6	0.1	0.4	1.7	-0.3	0.2	9.8	-0.1	0.3	6.9	-0.2	0.3
D3VDRR	2.8	0.6	0.8	14.8	-1.3	0.5	2.6	0.5	0.6	7.9	-1.2	0.3	6.2	-0.6	0.5
D48QWN	7.3	4.4X	2.3	20.3	0.3	0.8	4.7	2.1	2.3	13.0	1.8		9.3	1.4	1.1
F6DC3R	5.2	2.6		12.8	-1.9		3.5	1.2		7.9	-1.2		5.3	-1.2	
GMNZUD	2.7	0.5	0.5	19.0	-0.1	0.6	0.9	-1.0	0.5	9.1	-0.5	0.5	3.8	-2.2	0.3
H2KZFR	1.2	-0.8	0.4	19.4	0.0	1.4	2.4	0.3	0.2	10.1	0.1	0.2	6.2	-0.7	0.0
HMNLFX	3.8	1.4	0.2	17.3	-0.6	0.8	4.0	1.6	0.2	10.0	0.0		7.7	0.3	1.1
K2YK4G	1.9	-0.2	2.6	10.7	-2.5	3.3	2.2	0.1	2.8	7.9	-1.2	2.8	7.2	0.0	1.0
KH4MQ9	2.1	0.0	0.8	20.0	0.2	0.6	2.0	-0.1	0.8	10.4	0.3	0.8	7.6	0.3	0.4
KXZ99G	5.8	3.1	0.6	21.2	0.5	1.4	5.3	2.7	0.8	11.5	0.9	1.7	7.4	0.1	0.9
MWWNA 7	2.9	0.7	2.6	20.5	0.3	1.3	2.2	0.1	0.7	10.5	0.4	2.1	7.5	0.2	1.6
N7FGZT	1.6	-0.5	0.2	19.2	0.0	0.4	1.5	-0.4	0.0	9.6	-0.2	0.2	6.8	-0.2	0.4
NBQVXD	2.3	0.1	1.6	21.4	0.6	0.7	2.1	0.0	0.7	11.2	0.7	0.7	7.8	0.4	0.5
NMA8FG	2.2	0.0	1.2	16.4	-0.8	0.2	2.5	0.4	1.6	8.0	-1.1	1.8	7.3	0.1	3.8
PAETWT	2.1	0.0	0.8	21.2	0.5	0.3	2.1	0.0	0.7	11.0	0.6	0.6	8.7	1.0	0.9
PNAZHE	5.5	2.8	0.3	11.9	-2.2	0.2	5.2	2.6	0.0	7.3	-1.6	0.1	6.2	-0.6	0.2
QMXKND	2.0	-0.1	0.6	21.5	0.6	0.4	0.3	-1.4	0.1	11.0	0.6	0.9	7.6	0.3	1.6



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>RZGKYD</b>	<b>1.8</b>	-0.3	0.1	<b>17.5</b>	-0.5	0.1	<b>1.6</b>	-0.4	0.1	<b>9.9</b>	0.0	0.5	<b>7.2</b>	0.0	0.3
<b>UDEHV9</b>	<b>1.6</b>	-0.5	1.2	<b>12.8</b>	-1.9	1.3	<b>2.1</b>	0.0	2.9	<b>7.0</b>	-1.7	1.5	<b>4.5</b>	-1.7	0.8
<b>UF6GDD</b>	<b>1.4</b>	-0.6	0.0	<b>16.7</b>	-0.7	0.0	<b>1.3</b>	-0.6	0.0	<b>8.9</b>	-0.6	0.0	<b>5.9</b>	-0.8	0.0
<b>UQ766A</b>	<b>2.2</b>	0.0	0.0	<b>18.0</b>	-0.4	0.0	<b>2.0</b>	-0.1	0.2	<b>9.5</b>	-0.2	0.2	<b>5.9</b>	-0.9	0.1
<b>XTY LX2</b>	<b>2.3</b>	0.1	0.6	<b>20.6</b>	0.4	2.5	<b>0.6</b>	-1.2	0.2	<b>10.3</b>	0.2	1.3	<b>9.8</b>	1.7	1.5
<b>XV6PK3</b>	<b>2.0</b>	-0.1	0.4	<b>47.3</b>	<b>8.2X</b>	2.4	<b>1.8</b>	-0.2	0.5	<b>9.3</b>	-0.4	0.7	<b>5.9</b>	-0.8	0.4
<b>Z3XKV7</b>	<b>1.3</b>	-0.7	0.1	<b>16.9</b>	-0.7	0.1	<b>1.2</b>	-0.7	0.1	<b>8.6</b>	-0.8	0.1	<b>5.5</b>	-1.1	0.1
<b>Z4C4F3</b>	<b>4.7</b>	2.2	2.3	<b>21.3</b>	0.6	0.8	<b>3.0</b>	0.8		<b>12.3</b>	1.4	1.3	<b>11.7</b>	<b>2.9X</b>	5.7

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	2.14			19.3			2.06			9.93			7.17		
<b>Median Abs Dev</b>	0.55			1.9			0.47			1.04			0.95		
<b>Avg Within Lab SD</b>	0.25			0.7			0.26			0.45			0.51		
<b>Labs Included</b>	32			32			33			33			32		
<b>Labs Reporting</b>	33			33			33			33			33		



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

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

Data units: mg/kg

WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>2FHJZD</b>	<b>30.6</b>	0.0	0.9	<b>38.6</b>	-0.4	0.3	<b>19.3</b>	0.1	0.8	<b>669.3</b>	0.1	0.3	<b>17.9</b>	-0.1	0.2
<b>3K8X8E</b>	<b>24.7</b>	-1.2	0.6	<b>36.0</b>	-0.8		<b>4.7</b>	-2.4	0.7	<b>675.0</b>	0.1	0.2	<b>29.0</b>	3.3	
<b>42C7EX</b>	<b>28.0</b>	-0.5	1.0	<b>34.4</b>	-1.1	1.1	<b>17.7</b>	-0.2	1.9	<b>659.7</b>	0.0	1.5	<b>16.8</b>	-0.4	1.4
<b>7M8PL2</b>	<b>30.9</b>	0.1	0.1	<b>40.9</b>	0.0	0.1	<b>18.9</b>	0.0	0.3	<b>558.4</b>	-0.4	0.3	<b>17.0</b>	-0.3	0.2
<b>8NCFMP</b>	<b>29.0</b>	-0.3	0.2	<b>42.8</b>	0.4	0.2	<b>18.9</b>	0.0	0.8	<b>779.9</b>	0.6	0.4	<b>19.8</b>	0.5	0.6
<b>92XAFU</b>	<b>30.7</b>	0.1	0.6	<b>33.7</b>	-1.2	0.4	<b>16.7</b>	-0.3	0.7	<b>675.0</b>	0.1	1.1	<b>21.3</b>	1.0	0.4
<b>A2GFDZ</b>	<b>31.7</b>	0.3	1.1	<b>41.0</b>	0.1		<b>21.3</b>	0.5	0.7	<b>742.3</b>	0.4	0.3	<b>17.0</b>	-0.3	
<b>ATCA4A</b>	<b>30.0</b>	-0.1	0.2	<b>43.0</b>	0.4	0.4	<b>18.4</b>	0.0	0.3	<b>838.3</b>	0.9	0.3	<b>17.0</b>	-0.3	0.1
<b>CXM8LG</b>	<b>21.7</b>	-1.8	0.2	<b>31.8</b>	-1.5	0.2	<b>1.4</b>	-2.9	0.0	<b>534.7</b>	-0.5	0.3	<b>18.2</b>	0.0	0.1
<b>D3VDRR</b>	<b>34.4</b>	0.9	0.5	<b>47.2</b>	1.1	0.6	<b>21.4</b>	0.5	0.6	<b>521.4</b>	-0.6	0.0	<b>16.5</b>	-0.5	0.1
<b>D48QWN</b>	<b>30.3</b>	0.0	0.6	<b>37.7</b>	-0.5	1.6	<b>18.0</b>	-0.1	1.3	<b>183.7</b>	-2.2	0.3	<b>18.3</b>	0.1	0.4
<b>FPZTHE</b>	<b>36.7</b>	1.3	0.6	<b>46.3</b>	1.0	0.9	<b>25.3</b>	1.1	0.7	<b>770.0</b>	0.6		<b>20.3</b>	0.7	1.1
<b>GA7D3L</b>	<b>22.7</b>	-1.6	2.0	<b>35.3</b>	-0.9	1.9	<b>17.0</b>	-0.3	2.2	<b>633.7</b>	-0.1	0.6	<b>18.3</b>	0.1	0.4
<b>GEDE84</b>	<b>27.4</b>	-0.6	0.8	<b>42.1</b>	0.2	1.0	<b>17.7</b>	-0.2	0.1	<b>221.1</b>	-2.0	0.3	<b>16.5</b>	-0.5	0.5
<b>H2KZFR</b>	<b>40.2</b>	2.1	0.3	<b>45.2</b>	0.8	0.4	<b>25.4</b>	1.2	0.1	<b>822.5</b>	0.8	0.1	<b>20.4</b>	0.7	0.4
<b>HVGT2N</b>	<b>31.7</b>	0.3	0.6	<b>45.3</b>	0.8	0.4	<b>20.0</b>	0.2	1.3	<b>810.3</b>	0.8	1.0	<b>19.7</b>	0.5	0.9
<b>JGERWL</b>	<b>24.1</b>	-1.3	0.7	<b>29.9</b>	-1.9	0.8	<b>1.4</b>	-2.9	0.1	<b>620.3</b>	-0.1	0.3	<b>17.6</b>	-0.2	0.3
<b>KXZ99G</b>	<b>29.1</b>	-0.3	0.7	<b>34.6</b>	-1.0	1.4	<b>20.7</b>	0.4	0.6	<b>717.3</b>	0.3	0.2	<b>17.7</b>	-0.1	0.7
<b>NMA8FG</b>	<b>31.9</b>	0.3	1.4	<b>39.6</b>	-0.2	1.2	<b>23.4</b>	0.8	1.9	<b>841.0</b>	0.9	2.4	<b>23.3</b>	1.6	2.4
<b>PHQ7FA</b>	<b>31.7</b>	0.3	0.7	<b>43.3</b>	0.4	0.9	<b>19.6</b>	0.2	0.7	<b>839.4</b>	0.9	1.9	<b>18.7</b>	0.2	0.2
<b>PNB8U2</b>	<b>20.6</b>	-2.1	0.2	<b>20.7</b>	-3.4X	0.7	<b>12.8</b>	-1.0	0.0	<b>332.4</b>	-1.5	0.0	<b>12.8</b>	-1.6	0.2
<b>QEGL29</b>	<b>49.9</b>	4.1X	0.0	<b>56.4</b>	2.7X	0.0	<b>38.8</b>	3.4X	0.0	<b>1,317.1</b>	3.2X	0.0	<b>30.6</b>	3.8X	0.0
<b>QMXKND</b>	<b>30.9</b>	0.1	0.3	<b>33.7</b>	-1.2	0.4	<b>19.5</b>	0.1	0.5	<b>754.0</b>	0.5	0.2	<b>18.2</b>	0.0	0.2
<b>UDEHV9</b>	<b>31.5</b>	0.2	2.9	<b>40.6</b>	0.0	2.0	<b>20.8</b>	0.4	0.9	<b>528.0</b>	-0.6	0.5	<b>29.1</b>	3.3	3.8
<b>UQ766A</b>	<b>31.3</b>	0.2	0.6	<b>40.7</b>	0.0	0.2	<b>16.8</b>	-0.3	0.2	<b>725.7</b>	0.4	0.2	<b>18.0</b>	0.0	0.1
<b>V63J3H</b>	<b>23.7</b>	-1.4	2.1	<b>32.3</b>	-1.4	1.1	<b>3.1</b>	-2.7	0.3	<b>601.0</b>	-0.2	2.3	<b>17.9</b>	-0.1	0.5



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>XJC76C</b>	<b>30.4</b>	0.0	0.2	<b>40.7</b>	0.0	0.3	<b>18.4</b>	0.0	1.2	<b>641.7</b>	0.0	0.1	<b>16.2</b>	-0.6	0.6	
<b>XV6PK3</b>	<b>22.7</b>	-1.6	0.6	<b>41.0</b>	0.1		<b>16.3</b>	-0.4	0.7	<b>296.0</b>	-1.7	0.3	<b>14.7</b>	-1.0	0.4	
<b>YMUNY2</b>	<b>27.0</b>	-0.7	1.7	<b>33.9</b>	-1.2	2.0	<b>16.7</b>	-0.3	2.3	<b>448.5</b>	-1.0	2.8	<b>12.1</b>	-1.8	1.0	
<b>Z8TQFW</b>	<b>29.5</b>	-0.2	0.2	<b>42.3</b>	0.3	0.2	<b>21.4</b>	0.5	0.5	<b>363.7</b>	-1.4	0.1	<b>19.0</b>	0.3	0.1	
<b>ZLTRUJ</b>	<b>30.7</b>	0.1	0.6	<b>44.3</b>	0.6	1.1	<b>19.7</b>	0.2	0.7	<b>567.3</b>	-0.4	0.9	<b>19.3</b>	0.4	0.4	

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	30.4			40.7			18.6			650.7			18.1			
<b>Median Abs Dev</b>	1.4			3.7			1.9			117.7			1.3			
<b>Avg Within Lab SD</b>	1.0			1.3			0.8			23.1			1.4			
<b>Labs Included</b>	30			29			30			30			30			
<b>Labs Reporting</b>	31			31			31			31			31			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg														
													SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
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>6ZAD4Q</b>	<b>27.3</b>		1.7	<b>37.7</b>		1.4	<b>18.0</b>		1.7	<b>599.7</b>		1.7	<b>23.7</b>		1.6												
<b>CEREZH</b>	<b>23.1</b>		0.1	<b>25.6</b>		0.1	<b>15.0</b>		0.1	<b>397.0</b>		0.2	<b>15.9</b>		0.2												
<b>F6DC3R</b>	<b>23.7</b>		0.2	<b>36.3</b>		1.0	<b>14.7</b>		0.3	<b>110.7</b>		0.3	<b>21.0</b>		0.5												
PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg														
													SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	23.7			36.3			15.0			397.0			21.0														
<b>Median Abs Dev</b>																											
<b>Avg Within Lab SD</b>	2.4			1.5			1.8			5.3			1.9														
<b>Labs Included</b>	3			3			3			3			3														
<b>Labs Reporting</b>	3			3			3			3			3														



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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
3K8X8E	11.7	-0.4	0.7	20.0	0.5	1.0	4.0	-0.5		184.7	3.1	1.1	9.0	0.0	
3VRMZY	14.0	0.7	1.1	18.7	0.1	1.7	6.9	1.1	2.3	99.5	-0.6	0.1	10.5	0.7	1.0
6ZAD4Q	14.4	1.0	1.4	17.5	-0.2	2.2	6.0	0.6	1.0	104.8	-0.4	1.5	10.1	0.5	1.6
8NCFMP	12.0	-0.3	0.4	18.1	0.0	0.3	4.8	0.0	1.0	100.4	-0.6	1.1	8.7	-0.1	0.6
92XAFU	14.0	0.7		18.0	-0.1		4.3	-0.3	1.1	111.7	-0.1	0.7	7.0	-0.9	
98ZXXG	50.6	18.8X	4.1	60.9	13.1X	3.8	11.3	3.5X	3.9	341.4	9.8X	4.4	15.1	2.9X	3.9
A78MXT	13.5	0.5	0.3	20.3	0.6	0.4	4.8	0.0	0.4	121.6	0.3	0.8	11.7	1.3	1.5
AKJYTE	12.4	0.0	0.5	18.8	0.2	0.6	4.4	-0.2	0.4	120.3	0.3	2.2	9.1	0.0	1.0
BGZT4W	13.8	0.7	1.2	19.9	0.5	0.6	5.2	0.2	1.0	111.7	-0.1	0.2	11.1	1.0	1.4
C7XA8G	9.7	-1.4	0.5	13.8	-1.4	0.5	1.5	-1.8	0.1	96.1	-0.8	0.2	4.6	-2.1	0.9
CEREZH	15.7	1.6	0.4	21.5	1.0	0.2	5.9	0.6	0.1	95.3	-0.8	0.1	9.5	0.2	0.2
D48QWN	15.7	1.6	1.5	20.0	0.5		7.0	1.2	1.9	116.0	0.1	0.7	10.3	0.6	0.8
GA7D3L	9.3	-1.6	0.6	17.5	-0.2	0.6	9.9	2.7	0.8	147.0	1.4	1.4	12.0	1.4	0.6
GEDE84	10.9	-0.8	1.0	15.2	-0.9	0.4	4.8	0.0	0.4	98.9	-0.6	0.3	6.9	-1.0	0.4
GMNZUD	13.0	0.3	0.4	22.4	1.3	0.1	3.4	-0.8	0.2	146.9	1.4	0.2	8.1	-0.4	0.4
HVGT2N	11.8	-0.4	0.5	13.3	-1.5	0.6	3.7	-0.7	1.1	107.0	-0.3	0.2	6.3	-1.3	0.8
J9JJ2G	15.7	1.6	3.3	21.2	0.9	2.2	7.1	1.2	0.9	123.7	0.4	0.8	11.5	1.2	0.5
K2YK4G	6.5	-3.0X	2.4	8.6	-3.0X	0.8	1.3	-2.0	0.3	48.8	-2.8X	0.4	2.9	-2.9X	1.1
KH4MQ9	14.7	1.1	0.7	22.0	1.2		6.3	0.8	1.1	114.0	0.0	0.5	10.3	0.6	0.8
NMA8FG	14.1	0.8	0.8	21.0	0.9	1.7	7.6	1.5	0.8	146.7	1.4	0.5	9.6	0.3	0.3
PAETWT	11.7	-0.4	0.7	16.7	-0.5	1.2	3.5	-0.7	0.5	123.3	0.4	1.4	8.4	-0.3	0.2
PHQ7FA	12.9	0.2	0.1	15.4	-0.9	0.8	3.7	-0.6	0.3	94.0	-0.9	1.3	6.4	-1.2	0.5
PNAZHE	11.8	-0.4	0.6	19.7	0.4	0.6	5.0	0.1	0.7	109.8	-0.2	0.6	8.7	-0.1	0.2
PNB8U2	11.4	-0.6	0.3	14.3	-1.2	0.6	4.9	0.0	0.1	113.8	0.0	0.1	7.6	-0.7	0.1
QMXKND	16.7	2.1	0.4	24.2	1.8	0.9	6.5	0.9	0.8	167.1	2.3	0.4	8.6	-0.2	0.5
RA6HPH	13.0	0.2		18.3	0.0	0.6	5.0	0.1		114.7	0.0	2.0	9.0	0.0	





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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>RZGKYD</b>	<b>12.5</b>	0.0	0.1	<b>19.6</b>	0.4	0.0	<b>5.2</b>	0.2	0.2	<b>106.5</b>	-0.3	0.1	<b>8.6</b>	-0.2	0.3	
<b>UDEHV9</b>	<b>11.6</b>	-0.4	2.0	<b>15.6</b>	-0.8	1.5	<b>4.5</b>	-0.2	1.2	<b>138.3</b>	1.1	2.6	<b>10.9</b>	0.9	2.8	
<b>UECTQB</b>	<b>12.5</b>	0.0	1.3	<b>16.6</b>	-0.5	0.4	<b>5.3</b>	0.2	2.4	<b>111.7</b>	-0.1	1.1	<b>9.6</b>	0.3	1.8	
<b>UQ766A</b>	<b>12.0</b>	-0.2	0.1	<b>18.5</b>	0.1	0.2	<b>4.7</b>	-0.1	0.1	<b>132.3</b>	0.8	0.4	<b>9.7</b>	0.3	0.2	
<b>XV6PK3</b>	<b>12.5</b>	0.0	0.3	<b>17.2</b>	-0.3	0.4	<b>3.2</b>	-0.9	0.1	<b>127.7</b>	0.6	0.5	<b>5.7</b>	-1.6	0.5	
<b>Y4YVE4</b>	<b>11.6</b>	-0.5	0.6	<b>12.9</b>	-1.6	1.8	<b>4.5</b>	-0.2	0.4	<b>74.0</b>	-1.7	1.2	<b>7.3</b>	-0.8	1.8	
<b>Z4C4F3</b>	<b>19.3</b>	<b>3.4X</b>	0.7	<b>32.3</b>	<b>4.3X</b>	0.6	<b>8.0</b>	1.7	1.9	<b>130.3</b>	0.7	0.6	<b>19.0</b>	<b>4.7X</b>		
<b>Z8TQFW</b>	<b>11.1</b>	-0.7	0.1	<b>16.1</b>	-0.7	0.1	<b>4.3</b>	-0.3	0.4	<b>110.3</b>	-0.2	0.3	<b>6.7</b>	-1.1	0.3	
<b>ZLTRUJ</b>	<b>13.7</b>	0.6	0.7	<b>17.7</b>	-0.2	0.6	<b>6.0</b>	0.6		<b>108.7</b>	-0.2	0.4	<b>9.3</b>	0.2	0.8	

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	12.5			18.2			4.87			113.8			9.00			
<b>Median Abs Dev</b>	1.1			1.8			1.06			9.8			1.33			
<b>Avg Within Lab SD</b>	0.8			1.0			0.52			4.1			0.71			
<b>Labs Included</b>	32			32			34			33			32			
<b>Labs Reporting</b>	35			35			35			35			35			



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
													SRS1910		
SRS1906				SRS1907			SRS1908			SRS1909					
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>6ZAD4Q</b>	<b>35.0</b>		1.4	<b>16.0</b>		1.4	<b>47.0</b>		1.4	<b>33.3</b>		1.4	<b>2.2</b>		1.4
<b>8NCFMP</b>	<b>30.9</b>		0.2	<b>12.7</b>		0.2	<b>40.0</b>		0.0	<b>29.0</b>		0.0	<b>1.3</b>		0.2
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
													SRS1910		
SRS1906				SRS1907			SRS1908			SRS1909					
<b>Grand Median</b>	33.0			14.4			43.5			31.2			1.76		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.7			0.7			3.7			1.5			0.48		
<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		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910		
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>AKJYTE</b>	<b>16.4</b>		1.1	<b>23.8</b>		0.8	<b>10.0</b>		1.0	<b>396.3</b>		1.4	<b>12.3</b>		1.1
<b>PAETWT</b>	<b>16.7</b>		0.9	<b>25.7</b>		1.1	<b>15.0</b>			<b>483.3</b>		0.3	<b>15.3</b>		0.8
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	16.5			24.8			12.5			439.8			13.8		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.6			1.0			0.4			17.5			0.7		
<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		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>8NCFMP</b>	<b>76.8</b>	-1.5	0.4	<b>84.5</b>	-0.2	0.2	<b>249.7</b>	-0.9	0.2	<b>1,048.9</b>	-0.1	0.1	<b>46.3</b>	0.0	0.7
<b>A2GFDZ</b>	<b>88.3</b>	-0.8	0.5	<b>79.7</b>	-1.1	0.5	<b>269.0</b>	-0.1	1.8	<b>1,088.3</b>	0.1	1.3	<b>29.3</b>	-1.1	0.4
<b>F6DC3R</b>	<b>83.0</b>	-1.1	1.1	<b>85.5</b>	0.0	0.9	<b>226.0</b>	-1.8	0.4	<b>496.5</b>	-1.7	0.5	<b>40.0</b>	-0.4	0.9
<b>QMXKND</b>	<b>109.8</b>	0.6	0.6	<b>86.1</b>	0.1	0.4	<b>303.0</b>	1.2	0.4	<b>1,188.3</b>	0.4	0.9	<b>40.7</b>	-0.3	0.2
<b>UDEHV9</b>	<b>102.3</b>	0.1	1.4	<b>85.3</b>	0.0	2.1	<b>288.2</b>	0.6	0.9	<b>700.3</b>	-1.1	1.2	<b>54.5</b>	0.6	2.2
<b>UQ766A</b>	<b>107.3</b>	0.4	0.1	<b>88.7</b>	0.6	0.2	<b>272.5</b>	0.0	0.1	<b>1,094.0</b>	0.1	0.1	<b>44.9</b>	0.0	0.4
<b>XV6PK3</b>	<b>113.7</b>	0.8	1.7	<b>123.7</b>	<b>7.1X</b>	0.1	<b>399.0</b>	<b>4.9X</b>	0.6	<b>1,319.3</b>	0.8	1.8	<b>74.3</b>	1.9	0.6
<b>ZLTRUJ</b>	<b>99.7</b>	-0.1	1.2	<b>100.0</b>	2.7	1.1	<b>274.3</b>	0.1	1.6	<b>649.0</b>	-1.3	0.7	<b>63.0</b>	1.1	1.1

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	101.0			85.5			272.5			1,068.6			45.6		
<b>Median Abs Dev</b>	10.7			1.0			15.7			185.2			7.2		
<b>Avg Within Lab SD</b>	4.0			4.0			6.3			21.6			3.3		
<b>Labs Included</b>	8			7			7			8			8		
<b>Labs Reporting</b>	8			8			8			8			8		



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PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg														
													SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
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>98ZXXG</b>	<b>0.47</b>		0.80	<b>0.20</b>		1.04	<b>0.04</b>		0.14	<b>1.27</b>		0.50															
<b>N7FGZT</b>	<b>6.55</b>		1.17	<b>5.39</b>		0.96	<b>4.05</b>		1.41	<b>28.53</b>		1.32	<b>1.87</b>					1.00									
PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg														
													SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	3.51			2.79			2.04			14.9			1.87														
<b>Median Abs Dev</b>																											
<b>Avg Within Lab SD</b>	0.29			0.12			0.08			0.3			0.05														
<b>Labs Included</b>	2			2			2			2			1														
<b>Labs Reporting</b>	2			2			2			2			1														



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	9.8	0.5	0.5	11.2	0.3	0.6	26.2	0.4	0.6	7.7	0.9	0.5	4.3	0.0	0.6	
3K8X8E	6.7	-0.7	0.9	7.3	-1.4	1.1	22.7	-0.2	1.5	5.0	-0.3		4.7	0.2	1.1	
42C7EX	6.3	-0.9	1.1	9.1	-0.7	1.5	21.3	-0.4	1.5	1.6	-1.9	0.5	0.7	-1.7	0.5	
7M8PL2	8.4	-0.1	0.2	9.6	-0.5	0.1	18.8	-0.8	0.1	8.0	1.1	0.2	5.5	0.5	0.3	
92XAFU	10.3	0.7	0.9	11.3	0.3	0.6	20.3	-0.6	0.3	5.0	-0.3		4.0	-0.2		
AKJYTE	7.9	-0.3	0.3	11.2	0.3	0.5	24.0	0.1	0.4	4.9	-0.4	0.4	4.4	0.0	0.6	
D48QWN	11.7	1.2	0.9	14.7	1.8	0.6	29.0	0.9	0.6	9.0	1.6		7.7	1.5	1.1	
HDDJVV	74.2	25.5X	6.1	75.9	28.7X	2.8	197.7	29.1X	3.9	47.4	19.5X	14.0	34.9	13.9X	12.2	
HVGT2N	8.6	0.0	1.8	11.9	0.6	1.1	25.9	0.4	0.1	6.4	0.4	2.3	4.1	-0.1	1.5	
KH4MQ9	12.3	1.5	1.9	11.7	0.5	0.6	41.0	2.9	2.2	5.0	-0.3		3.3	-0.5	1.1	
KXZ99G	7.8	-0.3	1.1	9.8	-0.4	0.9	14.3	-1.6	0.5	11.7	2.8	1.8	5.6	0.6	1.3	
NMA8FG	20.4	4.6	1.9	19.6	3.9	3.0	32.8	1.5	2.6	7.2	0.7	1.5	14.6	4.7	2.4	
PAETWT	8.3	-0.1	0.3	12.0	0.6		24.3	0.1	0.3	5.3	-0.2	0.4	4.2	-0.1	0.5	
PHQ7FA	9.2	0.2	0.7	10.6	0.0	0.5	25.1	0.2	0.7	4.7	-0.4	0.4	3.3	-0.5	0.2	
PNAZHE	8.6	0.0	0.1	10.8	0.1	0.1	17.3	-1.1	0.0	8.1	1.1	0.6	6.9	1.2	0.1	
UDEHV9	7.7	-0.4	0.9	9.3	-0.6	0.6	20.7	-0.5	0.3	5.7	0.0	1.0	4.3	0.0	1.1	
UQ766A	7.7	-0.3	0.2	9.8	-0.3	0.1	20.4	-0.5	0.1	6.0	0.2	0.2	4.4	0.0	0.2	
XV6PK3	8.7	0.0	0.9	10.0	-0.3	1.0	23.7	0.0	0.9	5.7	0.0	1.0	3.7	-0.3	1.1	
Z8TQFW	6.7	-0.7	0.4	9.8	-0.4	0.4	22.4	-0.2	0.1	5.2	-0.2	0.3	3.0	-0.6	0.0	
ZLTRUJ	9.4	0.3	0.8	10.4	-0.1	0.5	26.4	0.5	0.3	5.6	0.0	1.0	3.6	-0.4	0.8	

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	8.58			10.6			23.7			5.67			4.33			
Median Abs Dev	0.89			0.8			2.8			0.77			0.78			
Avg Within Lab SD	0.62			1.0			1.7			0.57			0.51			
Labs Included	19			19			19			19			19			
Labs Reporting	20			20			20			20			20			



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>2FHJZD</b>	<b>128.3</b>	-0.1	0.2	<b>190.3</b>	-0.1	0.6	<b>344.3</b>	-0.2	0.6	<b>118.0</b>	-0.6	0.2	<b>268.0</b>	-0.6	0.3	
<b>3K8X8E</b>	<b>134.7</b>	0.3	0.1	<b>184.7</b>	-0.4	0.5	<b>363.0</b>	0.3	0.3	<b>121.0</b>	-0.4	0.3	<b>258.0</b>	-0.9	0.1	
<b>3VRMZY</b>	<b>106.6</b>	-1.6	0.1	<b>186.2</b>	-0.3	0.4	<b>294.6</b>	-1.4	0.1	<b>114.0</b>	-1.0	0.6	<b>279.7</b>	-0.2	0.6	
<b>42C7EX</b>	<b>127.1</b>	-0.2	0.9	<b>180.7</b>	-0.6	1.7	<b>326.9</b>	-0.6	2.1	<b>111.1</b>	-1.2	1.2	<b>298.9</b>	0.4	1.3	
<b>6ZAD4Q</b>	<b>122.7</b>	-0.5	2.1	<b>186.3</b>	-0.3	1.5	<b>334.7</b>	-0.4	1.3	<b>121.0</b>	-0.4	0.4	<b>288.3</b>	0.1	0.3	
<b>7M8PL2</b>	<b>142.0</b>	0.8	0.3	<b>191.6</b>	0.0	0.2	<b>333.1</b>	-0.5	0.2	<b>140.4</b>	1.2	0.1	<b>277.1</b>	-0.3	0.1	
<b>92XAFU</b>	<b>144.7</b>	1.0	0.5	<b>206.7</b>	0.7	1.1	<b>381.7</b>	0.7	0.3	<b>134.0</b>	0.7	1.0	<b>285.7</b>	0.0	1.4	
<b>98ZXXG</b>	<b>105.0</b>	-1.7	0.6	<b>185.4</b>	-0.4	1.3	<b>319.2</b>	-0.8	0.8	<b>107.2</b>	-1.5	0.8	<b>280.9</b>	-0.2	1.7	
<b>A2GFDZ</b>	<b>130.0</b>	0.0	0.7	<b>191.7</b>	0.0	0.9	<b>354.3</b>	0.1	0.4	<b>123.7</b>	-0.2	0.9	<b>271.0</b>	-0.5	0.7	
<b>A78MXT</b>	<b>130.3</b>	0.0	1.0	<b>218.3</b>	1.4	0.4	<b>394.0</b>	1.1	0.2	<b>131.3</b>	0.5	0.9	<b>343.3</b>	1.8	0.2	
<b>AKJYTE</b>				<b>217.7</b>	1.3	2.0	<b>370.3</b>	0.5	0.9				<b>340.0</b>	1.7	1.9	
<b>ATCA4A</b>	<b>119.4</b>	-0.7	0.1	<b>188.2</b>	-0.2	1.2	<b>335.3</b>	-0.4	0.1	<b>122.5</b>	-0.3	0.2	<b>276.7</b>	-0.3	0.3	
<b>BGZT4W</b>	<b>110.7</b>	-1.3	0.5	<b>199.6</b>	0.4	0.6	<b>334.2</b>	-0.4	0.2	<b>122.4</b>	-0.3	0.1	<b>306.5</b>	0.6	0.0	
<b>C7XA8G</b>	<b>117.4</b>	-0.8	0.6	<b>203.2</b>	0.6	0.3	<b>328.2</b>	-0.6	0.4	<b>123.8</b>	-0.2	0.9	<b>306.7</b>	0.7	0.1	
<b>CEREZH</b>	<b>129.0</b>	-0.1	0.7	<b>196.8</b>	0.2	0.4	<b>344.1</b>	-0.2	0.4	<b>136.9</b>	0.9	0.0	<b>331.0</b>	1.4	0.6	
<b>CXM8LG</b>	<b>129.7</b>	0.0	0.3	<b>184.9</b>	-0.4	0.3	<b>335.9</b>	-0.4	0.6	<b>120.6</b>	-0.4	0.4	<b>268.5</b>	-0.5	0.1	
<b>D48QWN</b>	<b>129.3</b>	0.0	2.7	<b>185.0</b>	-0.4	2.6	<b>330.3</b>	-0.5	0.6	<b>134.0</b>	0.7	3.6	<b>276.3</b>	-0.3	1.0	
<b>F6DC3R</b>	<b>114.7</b>	-1.0	0.4	<b>173.3</b>	-1.0	0.8	<b>319.3</b>	-0.8	0.1	<b>124.0</b>	-0.1	0.3	<b>262.3</b>	-0.7	0.3	
<b>FQAV4D</b>	<b>102.8</b>	-1.8	0.2	<b>168.9</b>	-1.2	0.5	<b>289.9</b>	-1.6	2.3	<b>113.1</b>	-1.0	0.2	<b>254.4</b>	-1.0	0.1	
<b>GA7D3L</b>	<b>138.7</b>	0.6	0.6	<b>212.3</b>	1.0	0.5	<b>376.3</b>	0.6	0.5	<b>143.7</b>	1.5	0.5	<b>314.7</b>	0.9	0.4	
<b>GEDE84</b>	<b>115.2</b>	-1.0	0.4	<b>176.3</b>	-0.9	0.4	<b>337.0</b>	-0.4	0.7	<b>117.6</b>	-0.7	0.1	<b>296.5</b>	0.3	0.0	
<b>GMNZUD</b>	<b>114.3</b>	-1.0	0.1	<b>203.1</b>	0.6	0.3	<b>382.7</b>	0.8	0.2	<b>130.0</b>	0.4	0.2	<b>343.5</b>	1.8	0.1	
<b>HVGT2N</b>	<b>133.7</b>	0.2	0.8	<b>209.3</b>	0.9	0.8	<b>318.7</b>	-0.8	1.1	<b>123.0</b>	-0.2	0.8	<b>282.3</b>	-0.1	0.6	
<b>J9JJ2G</b>	<b>133.6</b>	0.2	2.9	<b>227.3</b>	1.8	0.5	<b>413.7</b>	1.5	0.4	<b>145.0</b>	1.6	0.3	<b>351.4</b>	2.1	0.6	
<b>JGERWL</b>	<b>129.1</b>	-0.1	0.1	<b>177.6</b>	-0.8	0.1	<b>320.3</b>	-0.8	0.1	<b>122.6</b>	-0.3	0.5	<b>243.6</b>	-1.3	0.8	
<b>K2YK4G</b>	<b>11.6</b>	-7.9X	0.2	<b>20.7</b>	-9.1X	0.1	<b>34.4</b>	-7.9X	0.2	<b>12.3</b>	-9.4X	0.0	<b>30.5</b>	-8.0X	0.1	



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>KXZ99G</b>	<b>131.4</b>	0.1	1.0	<b>189.7</b>	-0.1	1.1	<b>380.3</b>	0.7	1.2	<b>124.3</b>	-0.1	0.7	<b>280.5</b>	-0.2	0.6	
<b>NMA8FG</b>	<b>137.4</b>	0.5	3.0	<b>212.1</b>	1.0	2.0	<b>349.5</b>	-0.1	1.8	<b>114.4</b>	-0.9	2.8	<b>290.1</b>	0.1	4.4	
<b>PAETWT</b>	<b>103.3</b>	-1.8	1.1	<b>183.3</b>	-0.5	1.1	<b>303.3</b>	-1.2	0.6	<b>116.7</b>	-0.7	0.9	<b>273.3</b>	-0.4	1.6	
<b>PHQ7FA</b>	<b>141.0</b>	0.7	0.5	<b>196.1</b>	0.2	1.5	<b>373.3</b>	0.5	1.2	<b>133.7</b>	0.7	0.5	<b>292.2</b>	0.2	0.5	
<b>PNAZHE</b>	<b>120.2</b>	-0.7	0.3	<b>208.2</b>	0.8	0.2	<b>332.6</b>	-0.5	0.5	<b>133.5</b>	0.7	0.7	<b>305.3</b>	0.6	0.4	
<b>PNB8U2</b>	<b>155.1</b>	1.7	0.6	<b>255.6</b>	3.3X	0.4	<b>444.1</b>	2.3	0.1	<b>143.0</b>	1.4	0.1	<b>347.3</b>	1.9	0.4	
<b>QEGL29</b>	<b>157.8</b>	1.9	0.0	<b>206.0</b>	0.7	0.0	<b>394.0</b>	1.1	0.0	<b>135.7</b>	0.8	0.0	<b>296.9</b>	0.3	0.0	
<b>QMXKND</b>	<b>146.3</b>	1.1	0.4	<b>211.0</b>	1.0	0.4	<b>383.6</b>	0.8	0.8	<b>129.7</b>	0.3	0.7	<b>285.9</b>	0.0	0.5	
<b>RZGKYD</b>	<b>125.0</b>	-0.3	0.0	<b>208.9</b>	0.9	0.4	<b>366.3</b>	0.4	0.1	<b>131.7</b>	0.5	0.0	<b>320.9</b>	1.1	0.1	
<b>UDEHV9</b>	<b>130.3</b>	0.0	0.9	<b>184.0</b>	-0.4	2.0	<b>367.7</b>	0.4	1.6	<b>127.3</b>	0.1	1.0	<b>276.7</b>	-0.3	1.3	
<b>UECTQB</b>	<b>141.6</b>	0.8	0.2	<b>199.0</b>	0.3	0.6	<b>379.0</b>	0.7	0.8	<b>132.0</b>	0.5	0.5	<b>293.7</b>	0.2	0.3	
<b>UQ766A</b>	<b>140.1</b>	0.7	0.8	<b>197.2</b>	0.2	1.1	<b>351.9</b>	0.0	0.4	<b>136.7</b>	0.9	0.0	<b>281.3</b>	-0.1	0.4	
<b>V63J3H</b>	<b>134.0</b>	0.3	0.3	<b>164.6</b>	-1.5	0.6	<b>357.9</b>	0.1	0.5	<b>117.6</b>	-0.7	0.4	<b>254.9</b>	-1.0	0.5	
<b>VMLR8M</b>	<b>128.0</b>	-0.1		<b>211.0</b>	1.0		<b>352.0</b>	0.0		<b>139.0</b>	1.1		<b>310.0</b>	0.8		
<b>XJC76C</b>	<b>133.0</b>	0.2	0.2	<b>183.7</b>	-0.5	0.6	<b>359.3</b>	0.2	0.2	<b>121.7</b>	-0.3	0.2	<b>266.3</b>	-0.6	0.2	
<b>XV6PK3</b>	<b>103.3</b>	-1.8	0.9	<b>142.7</b>	-2.6	1.0	<b>292.3</b>	-1.5	1.0	<b>95.0</b>	-2.6X	0.3	<b>227.7</b>	-1.8	0.3	
<b>Y4YVE4</b>	<b>130.0</b>	0.0	0.9	<b>198.0</b>	0.3	0.6	<b>355.0</b>	0.1	0.3	<b>127.0</b>	0.1	0.3	<b>293.7</b>	0.2	0.5	
<b>YMUNY2</b>	<b>134.2</b>	0.3	1.1	<b>178.1</b>	-0.8	0.9	<b>338.3</b>	-0.3	3.9	<b>131.5</b>	0.5	2.6	<b>246.0</b>	-1.2	1.3	
<b>Z4C4F3</b>	<b>157.0</b>	1.8	0.6	<b>256.0</b>	3.3X	0.9	<b>445.0</b>	2.3	0.9	<b>152.7</b>	2.3	1.7	<b>401.0</b>	3.6X	1.1	
<b>Z8TQFW</b>	<b>134.7</b>	0.3	0.3	<b>204.7</b>	0.6	0.1	<b>381.0</b>	0.7	0.1	<b>129.7</b>	0.3	0.2	<b>298.0</b>	0.4	0.1	
<b>ZLTRUJ</b>	<b>126.3</b>	-0.2	0.9	<b>193.3</b>	0.0	0.5	<b>379.0</b>	0.7	0.1	<b>122.3</b>	-0.3	0.9	<b>290.7</b>	0.1	1.7	





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<b>K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups</b>						<b>Data units: mg/kg</b>
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
<b>Grand Median</b>	130.0	192.5	352.0	125.6	285.9	
<b>Median Abs Dev</b>	7.4	10.6	22.7	7.0	14.9	
<b>Avg Within Lab SD</b>	5.3	5.0	9.1	6.4	9.4	
<b>Labs Included</b>	45	44	46	44	45	
<b>Labs Reporting</b>	46	47	47	46	47	



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2FHJZD	2,938.0	-0.1	0.2	2,577.7	-0.2	0.1	4,074.3	-0.2	0.4	969.3	-0.3	0.1	2,300.0	0.0	0.2	
3K8X8E	3,123.0	0.2	0.1	2,712.0	0.0	0.3	4,660.3	0.4	0.0	1,012.0	0.0	0.2	2,241.3	-0.3	0.0	
3VRMZY	1,585.7	-2.1	0.3	1,712.3	-1.5	0.9	2,500.3	-1.8	0.5	831.0	-1.5	0.2	2,225.3	-0.3	0.3	
42C7EX	2,703.7	-0.4	0.3	2,264.8	-0.7	1.7	3,189.3	-1.1	1.6	1,024.6	0.1	1.4	2,258.2	-0.2	1.7	
6ZAD4Q	3,140.0	0.2	2.6	3,153.3	0.7	1.4	4,566.7	0.3	2.1	1,040.0	0.2	0.4	2,333.3	0.2	1.2	
7M8PL2	3,419.2	0.6	0.3	2,889.3	0.3	0.3	4,658.7	0.4	0.3	1,075.7	0.5	0.1	2,266.3	-0.1	0.1	
92XAFU	3,696.7	1.0	0.3	3,091.7	0.6	0.4	5,406.7	1.2	0.4	1,158.3	1.2	0.1	2,323.3	0.1	0.3	
98ZXXG	2,936.9	-0.1	2.0	3,122.0	0.6	2.6	3,892.5	-0.4	2.6	1,048.4	0.3	1.5	2,759.3	2.1	4.3	
A2GFDZ	3,243.3	0.4	0.6	2,779.7	0.1	0.3	4,607.3	0.4	1.0	1,006.3	0.0	0.6	2,364.3	0.3	0.3	
A78MXT	2,273.7	-1.1	1.3	2,167.3	-0.8	1.7	2,831.3	-1.4	0.8	862.7	-1.2	0.2	2,243.7	-0.2	0.6	
AKJYTE	2,872.7	-0.2	1.3	2,705.3	0.0	0.6	4,388.7	0.1	1.2	1,205.3	1.6	0.7	2,598.3	1.4	1.0	
BGZT4W	2,045.2	-1.4	0.8	1,926.0	-1.2	0.1	2,972.0	-1.3	0.1	917.7	-0.8	0.3	2,295.7	0.0	0.0	
C7XA8G	2,281.0	-1.1	1.2	2,217.8	-0.7	0.7	3,068.7	-1.2	0.6	1,145.0	1.1	0.7	2,679.4	1.7	0.2	
CEREZH	1,827.7	-1.7	0.5	2,092.9	-0.9	2.3	2,760.8	-1.5	1.5	792.3	-1.8	1.0	1,855.7	-2.0	0.5	
CXM8LG	2,663.6	-0.5	1.0	2,306.9	-0.6	1.2	3,595.8	-0.7	0.7	993.5	-0.1	0.3	2,300.9	0.0	0.8	
D48QWN	2,291.0	-1.1	1.1	2,123.7	-0.9	0.8	3,000.0	-1.3	0.3	898.0	-0.9	0.1	2,053.0	-1.1	0.4	
F6DC3R	2,254.7	-1.1	0.3	1,880.3	-1.3	0.3	3,208.0	-1.1	0.4	998.7	-0.1	0.3	2,131.7	-0.8	0.4	
FQAV4D	3,114.7	0.2	1.4	3,194.0	0.7	0.1	4,175.2	-0.1	2.0	886.8	-1.0	0.2	2,029.0	-1.2	0.8	
GA7D3L	3,216.3	0.3	0.8	2,521.7	-0.3	1.1	4,383.7	0.1	0.5	914.0	-0.8	0.3	2,269.0	-0.1	0.6	
GEDE84	3,136.2	0.2	1.5	2,854.4	0.2	0.5	4,217.1	0.0	0.4	989.5	-0.2	0.1	2,262.7	-0.2	0.2	
GMNZUD	3,568.3	0.8	0.2	3,854.6	1.7	0.2	5,380.9	1.1	0.3	1,002.4	-0.1	0.2	2,599.0	1.4	0.1	
HVGT2N	3,080.3	0.1	0.6	2,487.3	-0.3	0.8	4,118.6	-0.1	0.5	943.7	-0.5	0.4	2,047.9	-1.1	0.6	
JGERWL	2,729.2	-0.4	0.2	2,243.4	-0.7	0.2	3,548.9	-0.7	0.0	993.1	-0.1	0.1	2,316.6	0.1	1.1	
K2YK4G	151.4	-4.2X	0.0	162.2	-3.9X	0.0	246.8	-4.1X	0.1	72.8	-7.6X	0.1	175.4	-9.7X	0.1	
KH4MQ9	2,973.3	0.0	0.6	3,206.7	0.8	0.3	4,260.0	0.0	0.6	986.7	-0.2	0.2	2,326.7	0.1	0.5	
KXZ99G	2,917.0	-0.1	1.9	2,782.7	0.1	1.5	4,526.3	0.3	2.0	1,069.0	0.5	1.8	2,344.7	0.2	1.9	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
NMA8FG	3,000.7	0.0	1.3	3,042.7	0.5	1.1	4,276.5	0.0	0.4	1,039.3	0.2	1.4	2,319.3	0.1	1.2	
PAETWT	3,066.7	0.1	0.8	3,466.7	1.1	1.3	4,466.7	0.2	1.8	960.0	-0.4	0.7	2,233.3	-0.3	0.7	
PHQ7FA	3,838.2	1.2	0.7	3,541.8	1.3	0.8	5,181.8	0.9	0.5	1,076.8	0.5	0.4	2,377.1	0.4	0.2	
PNAZHE	2,593.9	-0.6	0.8	2,582.3	-0.2	0.7	3,432.6	-0.8	0.5	1,010.2	0.0	0.2	2,303.2	0.0	0.4	
PNB8U2	3,526.7	0.8	0.0	3,452.0	1.1	0.1	4,790.3	0.5	0.0	1,059.7	0.4	0.1	2,624.0	1.5	0.0	
QMXKND	3,510.7	0.8	0.3	2,973.0	0.4	0.3	4,971.0	0.7	0.4	1,196.3	1.5	0.4	2,567.0	1.2	0.3	
RZGKYD	2,282.7	-1.1	0.5	2,204.6	-0.8	0.6	3,344.8	-0.9	0.5	955.0	-0.4	0.1	2,389.8	0.4	0.1	
UDEHV9	3,240.3	0.4	1.4	2,787.7	0.1	1.1	4,301.7	0.0	0.3	1,087.0	0.6	0.6	2,412.3	0.5	1.1	
UECTQB	3,017.7	0.0	1.1	2,620.0	-0.1	1.5	4,346.9	0.1	1.4	864.8	-1.2	2.8	2,144.0	-0.7	1.3	
UQ766A	3,566.7	0.8	0.5	3,406.0	1.1	0.0	4,782.7	0.5	0.1	1,131.3	1.0	0.7	2,136.3	-0.7	0.1	
V63J3H	2,653.0	-0.5	0.6	2,246.3	-0.7	0.7	3,595.6	-0.7	0.1	1,054.3	0.4	0.8	2,163.1	-0.6	0.1	
XJC76C	3,538.0	0.8	1.0	2,975.0	0.4	1.6	4,846.3	0.6	0.8	1,049.0	0.3	0.1	2,293.7	0.0	0.3	
XV6PK3	1,743.3	-1.9	0.2	1,456.7	-1.9	0.1	2,420.0	-1.9	0.7	750.0	-2.1	0.3	1,836.7	-2.1	0.5	
Y4YVE4	3,593.3	0.9	0.7	3,413.3	1.1	0.9	4,920.0	0.7	1.2	1,046.7	0.3	0.6	2,430.0	0.6	1.6	
YMUNY2	3,529.4	0.8	1.3	3,045.8	0.5	1.0	4,813.5	0.6	0.6	1,204.8	1.6	4.1	1,831.1	-2.1	0.6	
Z4C4F3	4,236.7	1.8	1.3	4,343.3	2.5X	1.1	6,010.0	1.8	1.2	1,193.3	1.5	1.7	3,103.3	3.7X	1.1	
Z8TQFW	2,571.0	-0.6	0.0	2,294.7	-0.6	0.0	3,503.0	-0.8	0.0	1,152.0	1.2	0.0	2,552.0	1.2	0.0	
ZLTRUJ	2,793.0	-0.3	1.3	2,413.0	-0.4	1.0	4,150.7	-0.1	1.4	984.0	-0.2	0.4	2,174.7	-0.6	1.3	

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	3,000.7			2,708.7			4,260.0			1,010.2			2,297.8			
Median Abs Dev	406.8			428.9			586.3			58.8			85.6			
Avg Within Lab SD	73.4			89.8			114.0			54.5			80.0			
Labs Included	43			42			43			43			42			
Labs Reporting	44			44			44			44			44			



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>2FHJZD</b>	<b>148.3</b>	0.2	0.1	<b>134.3</b>	0.6	0.4	<b>266.7</b>	-0.3	0.2	<b>177.7</b>	0.2	0.4	<b>363.7</b>	0.0	0.2	
<b>3K8X8E</b>	<b>144.7</b>	0.0	0.1	<b>118.0</b>	-0.6	0.5	<b>265.3</b>	-0.4	0.2	<b>152.3</b>	-1.1	0.5	<b>325.0</b>	-1.1	0.2	
<b>3VRMZY</b>	<b>126.2</b>	-0.9	0.8	<b>124.7</b>	-0.1	0.8	<b>252.7</b>	-0.8	0.9	<b>157.7</b>	-0.8	0.2	<b>351.6</b>	-0.3	0.2	
<b>42C7EX</b>	<b>138.2</b>	-0.3	0.6	<b>122.6</b>	-0.3	1.1	<b>255.6</b>	-0.7	1.3	<b>183.5</b>	0.6	1.8	<b>366.8</b>	0.1	1.5	
<b>6ZAD4Q</b>	<b>145.0</b>	0.0		<b>141.0</b>	1.0	1.8	<b>278.0</b>	0.1	1.2	<b>177.7</b>	0.2	1.2	<b>387.4</b>	0.7	1.2	
<b>7M8PL2</b>	<b>156.9</b>	0.6	0.7	<b>128.5</b>	0.2	1.0	<b>315.2</b>	1.3	0.2	<b>173.1</b>	0.0	0.4	<b>346.6</b>	-0.5	0.6	
<b>92XAFU</b>	<b>172.0</b>	1.4	0.7	<b>155.0</b>	2.0	1.3	<b>306.7</b>	1.0	0.4	<b>195.7</b>	1.2	0.7	<b>381.3</b>	0.5	1.2	
<b>98ZXXG</b>	<b>103.9</b>	-2.0	2.0	<b>114.6</b>	-0.8	0.7	<b>253.0</b>	-0.7	2.4	<b>154.1</b>	-1.0	1.7	<b>347.1</b>	-0.5	0.7	
<b>A2GFDZ</b>	<b>151.7</b>	0.4	0.3	<b>125.0</b>	-0.1	0.7	<b>270.7</b>	-0.2	0.8	<b>181.0</b>	0.4	0.5	<b>347.7</b>	-0.4	0.8	
<b>A78MXT</b>	<b>125.0</b>	-1.0	1.2	<b>121.0</b>	-0.4	1.9	<b>242.3</b>	-1.1	0.7	<b>150.7</b>	-1.2	0.7	<b>350.7</b>	-0.4	1.0	
<b>AKJYTE</b>	<b>140.3</b>	-0.2	1.0	<b>145.3</b>	1.3	2.2	<b>289.7</b>	0.4	0.7	<b>193.7</b>	1.1	1.4	<b>412.5</b>	1.4	0.8	
<b>BGZT4W</b>	<b>133.9</b>	-0.5	0.8	<b>132.3</b>	0.4	0.4	<b>282.0</b>	0.2	1.0	<b>167.3</b>	-0.3	0.6	<b>366.1</b>	0.1	1.0	
<b>C7XA8G</b>	<b>120.8</b>	-1.2	0.9	<b>117.3</b>	-0.6	0.6	<b>240.4</b>	-1.2	0.4	<b>186.5</b>	0.7	0.7	<b>377.2</b>	0.4	0.7	
<b>CEREZH</b>	<b>149.5</b>	0.2	1.7	<b>152.3</b>	1.8	0.7	<b>303.3</b>	0.9	2.3	<b>207.8</b>	1.9	2.6	<b>432.5</b>	2.0	2.0	
<b>CXM8LG</b>	<b>151.8</b>	0.4	0.2	<b>132.4</b>	0.4	0.4	<b>281.8</b>	0.2	0.5	<b>173.0</b>	0.0	0.4	<b>369.3</b>	0.2	0.2	
<b>D48QWN</b>	<b>134.7</b>	-0.5	1.1	<b>117.3</b>	-0.6	1.3	<b>247.7</b>	-0.9	0.5	<b>171.3</b>	-0.1	0.5	<b>356.7</b>	-0.2	0.6	
<b>F6DC3R</b>	<b>121.3</b>	-1.2	0.5	<b>105.7</b>	-1.4	1.0	<b>228.0</b>	-1.6	1.0	<b>165.3</b>	-0.4	0.7	<b>329.3</b>	-1.0	0.4	
<b>FQAV4D</b>	<b>128.3</b>	-0.8	0.6	<b>124.1</b>	-0.1	0.6	<b>251.3</b>	-0.8	2.2	<b>158.7</b>	-0.8	0.4	<b>346.0</b>	-0.5	0.7	
<b>GA7D3L</b>	<b>149.3</b>	0.2	1.0	<b>126.7</b>	0.0	1.1	<b>284.3</b>	0.3	1.0	<b>163.3</b>	-0.5	0.8	<b>368.7</b>	0.2	0.6	
<b>GEDE84</b>	<b>87.6</b>	-2.8X	0.6	<b>98.6</b>	-1.9	0.2	<b>253.1</b>	-0.7	0.5	<b>131.0</b>	-2.2	0.3	<b>407.5</b>	1.3	1.5	
<b>GMNZUD</b>	<b>128.0</b>	-0.8	0.2	<b>125.7</b>	0.0	0.4	<b>282.4</b>	0.2	0.2	<b>174.4</b>	0.1	0.4	<b>415.0</b>	1.5	0.1	
<b>HVGT2N</b>	<b>157.8</b>	0.7	0.7	<b>125.2</b>	-0.1	0.7	<b>275.3</b>	0.0	0.5	<b>178.8</b>	0.3	0.8	<b>343.9</b>	-0.5	1.0	
<b>JGERWL</b>	<b>144.6</b>	0.0	0.3	<b>123.0</b>	-0.2	0.8	<b>265.2</b>	-0.4	0.4	<b>166.1</b>	-0.4	0.6	<b>354.6</b>	-0.2	0.3	
<b>K2YK4G</b>	<b>12.0</b>	-6.6X	0.0	<b>12.1</b>	-8.0X	0.1	<b>24.5</b>	-8.1X	0.1	<b>15.9</b>	-8.4X	0.2	<b>34.0</b>	-9.4X	0.2	
<b>KH4MQ9</b>	<b>143.0</b>	-0.1	1.2	<b>146.3</b>	1.4	0.6	<b>280.3</b>	0.1	0.1	<b>186.3</b>	0.7	0.7	<b>393.3</b>	0.9	0.2	
<b>KXZ99G</b>	<b>155.6</b>	0.5	2.2	<b>131.0</b>	0.3	2.2	<b>304.6</b>	0.9	2.0	<b>181.7</b>	0.5	2.3	<b>393.3</b>	0.9	2.9	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
NMA8FG	134.9	-0.5	2.1	132.2	0.4	2.4	256.8	-0.6	1.2	167.5	-0.3	2.4	362.4	0.0	1.8	
PAETWT	116.7	-1.4	1.5	123.3	-0.2	1.5	223.3	-1.7	0.6	153.3	-1.0	0.9	323.3	-1.1	1.5	
PHQ7FA	158.5	0.7	0.4	130.0	0.3	0.6	285.0	0.3	0.3	181.6	0.5	0.8	355.8	-0.2	0.2	
PNAZHE	118.4	-1.3	0.4	117.7	-0.6	0.2	225.6	-1.6	0.2	150.7	-1.2	0.3	342.4	-0.6	0.3	
PNB8U2	158.7	0.7	0.1	152.1	1.8	0.1	304.6	0.9	0.2	198.0	1.3	0.1	435.2	2.1	0.3	
QMXKND	169.2	1.2	0.3	145.0	1.3	0.2	302.7	0.9	0.9	197.9	1.3	0.6	385.7	0.6	0.4	
RZGKYD	127.9	-0.8	0.7	120.9	-0.4	0.3	261.7	-0.5	0.3	160.9	-0.6	0.4	374.9	0.3	0.1	
UDEHV9	140.7	-0.2	0.9	121.3	-0.3	0.4	268.3	-0.3	0.4	169.3	-0.2	1.0	361.0	-0.1	1.4	
UECTQB	139.7	-0.2	1.2	116.0	-0.7	0.9	277.1	0.0	1.6	173.0	0.0	1.0	365.9	0.1	1.3	
UQ766A	171.8	1.4	0.1	138.0	0.8	0.1	314.4	1.2	0.1	172.4	0.0	0.4	314.3	-1.4	0.6	
V6J3H	144.4	0.0	0.5	122.5	-0.3	0.4	263.3	-0.4	0.4	163.4	-0.5	0.3	362.4	0.0	0.2	
XJC76C	157.5	0.6	0.5	132.5	0.4	0.2	279.5	0.1	0.4	181.5	0.5	0.3	360.8	-0.1	0.1	
XV6PK3	116.7	-1.4	1.5	95.7	-2.1	0.8	223.0	-1.7	0.9	135.3	-2.0	0.2	292.7	-2.0	0.5	
Y4YVE4	153.3	0.4	1.0	134.3	0.6	0.4	284.3	0.3	0.7	182.3	0.5	0.5	388.0	0.7	1.2	
YMUNY2	168.6	1.2	1.7	127.2	0.1	0.8	301.5	0.8	2.2	170.3	-0.1	0.2	304.8	-1.7	0.2	
Z4C4F3	173.0	1.4	0.7	168.0	2.9X	0.8	354.3	2.5X	1.2	205.3	1.7	1.9	505.3	4.1X	1.3	
Z8TQFW	154.0	0.5	0.5	133.2	0.5	0.4	324.0	1.5	0.1	178.5	0.3	0.1	419.0	1.6	0.1	
ZLTRUJ	148.3	0.2	1.0	134.7	0.6	1.2	285.3	0.3	0.4	175.7	0.1	0.9	364.0	0.0	1.7	

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	144.6			126.2			276.2			173.0			363.0			
Median Abs Dev	11.6			6.7			20.0			9.3			16.7			
Avg Within Lab SD	3.9			3.8			9.8			6.2			10.0			
Labs Included	42			42			42			43			42			
Labs Reporting	44			44			44			44			44			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910				
	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		
3VRMZY	10.9	-0.2	0.5	10.4	-0.5	0.5	283.5	-0.6	0.5	10.7	-0.8	1.0	15.2	0.0	0.2		
42C7EX	7.3	-0.7	0.6	9.2	-0.7	0.3	284.2	-0.6	1.3	9.1	-1.2	0.6	12.1	-0.6	0.2		
6ZAD4Q	13.8	0.3	0.0	13.8	0.1	1.1	306.0	0.0	1.5	15.3	0.2	1.8	16.9	0.3	0.4		
7M8PL2	6.9	-0.8	0.1	8.1	-0.9	0.0	300.5	-0.2	0.2	9.3	-1.1	0.1	9.8	-1.0	0.1		
92XAFU	19.7	1.3	0.4	20.7	1.3	0.3	328.3	0.6	0.3	23.0	1.8	0.7	20.3	0.9	0.2		
98ZXXG	7.0	-0.8	1.0	8.0	-0.9	0.4	290.8	-0.4	0.9	9.4	-1.1	1.3	12.1	-0.6	0.5		
A2GFDZ	16.4	0.7	0.3	17.0	0.6	0.2	318.0	0.3	0.6	18.1	0.8	0.5	18.6	0.6	0.1		
A78MXT	8.3	-0.6	0.4	10.7	-0.5	0.5	255.7	-1.4	1.6	9.7	-1.0	0.4	14.0	-0.2	0.5		
AKJYTE							323.3	0.5	1.1								
BGZT4W	14.4	0.4	0.9	16.7	0.6	0.1	308.2	0.1	0.1	17.0	0.5	0.8	27.7	2.2	0.5		
C7XA8G	10.9	-0.1	0.4	13.6	0.0	0.9	292.3	-0.4	0.8	12.7	-0.4	0.4	14.7	-0.1	0.5		
CEREZH	15.3	0.6	1.8	15.3	0.3	1.2	319.6	0.4	0.2	14.6	0.0	0.9	18.4	0.5	0.7		
CXM8LG	11.5	-0.1	0.1	13.6	0.0	0.2	291.6	-0.4	0.6	13.9	-0.1	0.2	15.0	-0.1	0.0		
D48QWN	12.0	0.0		13.3	0.0	0.3	301.3	-0.1	0.1	15.3	0.2	1.1	15.3	0.0	0.2		
F6DC3R	13.7	0.3	1.0	14.3	0.2	1.2	259.3	-1.3	1.3	21.0	1.4	1.8	21.3	1.1	0.6		
FQAV4D	31.5	3.2	0.6	32.3	3.3X	1.8	376.2	1.9	2.7	36.1	4.6X	1.6	75.8	10.8X	1.4		
GA7D3L	11.7	0.0	0.4	13.3	0.0	0.3	180.3	-3.5X	0.5	15.3	0.2	0.4	17.3	0.4	0.3		
GEDE84	4.8	-1.1	1.8	5.8	-1.3	1.0	300.0	-0.2	0.5	8.6	-1.2	0.6	7.8	-1.3	0.5		
GMNZUD	32.3	3.3	0.6	23.5	1.8	0.5	280.7	-0.7	0.2	36.5	4.7X	0.3	24.4	1.6	0.2		
HVGT2N	6.5	-0.9	0.8	6.5	-1.2	0.4	306.4	0.0	0.4	10.2	-0.9	1.8	8.2	-1.3	0.5		
JGERWL	10.7	-0.2	0.0	12.1	-0.2	0.1	270.2	-1.0	0.6	13.7	-0.2	0.4	13.9	-0.3	0.2		
K2YK4G	8.8	-0.5	4.0	8.6	-0.8	1.4	25.0	-7.8X	1.8	15.7	0.3		26.4	2.0	5.5		
KH4MQ9	8.3	-0.6	0.8	13.3	0.0	0.5	349.7	1.2	0.2	13.3	-0.2	0.8	15.3	0.0	0.3		
KXZ99G	16.4	0.7	0.7	18.2	0.9	0.3	410.7	2.9	0.6	17.0	0.6	0.7	21.1	1.0	0.1		
NMA8FG	14.3	0.4	0.7	15.4	0.4	0.7	304.7	0.0	0.2	22.7	1.8	2.5	16.9	0.3	0.6		
PAETWT	9.7	-0.3	0.3	13.0	-0.1	0.5	266.7	-1.1	1.1	14.3	0.0	0.8	15.3	0.0	0.2		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
PHQ7FA	16.3	0.7	0.6	19.1	1.0	0.5	334.7	0.8	0.5	21.6	1.5	0.7	20.3	0.9	0.2	
PNAZHE	6.4	-0.9	0.1	8.7	-0.8	0.2	308.9	0.1	0.7	15.5	0.2	0.3	12.3	-0.5	0.1	
PNB8U2	16.2	0.7	0.1	19.0	1.0	0.3	355.6	1.4	0.1	17.9	0.7	0.1	21.6	1.1	0.1	
QMXKND	12.5	0.1	0.6	12.5	-0.1	0.6	334.8	0.8	0.9	17.3	0.6	2.1	11.8	-0.6	0.3	
RZGKYD	12.5	0.1	0.8	10.1	-0.6	0.2	303.3	-0.1	0.1	14.3	0.0	0.6	12.2	-0.6	0.1	
UDEHV9	7.0	-0.8	0.7	7.7	-1.0	0.3	298.0	-0.2	0.9	9.3	-1.1	0.4	10.3	-0.9	0.2	
UECTQB	55.2	7.0X	5.2	1.1	-2.1	0.3	307.1	0.0	2.3	11.4	-0.7	1.2	41.2	4.6X	1.0	
UQ766A	12.2	0.1	0.1	15.8	0.4	0.3	307.3	0.0	0.3	16.1	0.4	0.8	14.2	-0.2	0.1	
V6J3H	11.0	-0.1	0.1	11.7	-0.3	0.2	274.7	-0.9	0.1	13.1	-0.3	0.3	14.0	-0.2	0.1	
XV6PK3	7.7	-0.7	0.4	4.7	-1.5	1.2	268.0	-1.1	0.4	7.0	-1.6	0.7	11.3	-0.7	0.9	
Y4YVE4	10.7	-0.2	0.8	11.9	-0.3	0.6	315.3	0.3	0.4	13.8	-0.1	0.2	15.4	0.0	0.3	
Z4C4F3	31.0	3.1	2.1	24.0	1.9	5.0	376.0	1.9	1.4	38.7	5.2X	1.1	29.0	2.4	1.6	
Z8TQFW	13.3	0.2	0.1	18.7	0.9	0.3	339.7	0.9	0.1	18.2	0.8	0.0	17.4	0.4	0.1	
ZLTRUJ	12.0	0.0	0.7	15.3	0.4	0.3	334.3	0.8	2.4	15.3	0.2	1.1	16.0	0.1	0.3	

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	11.8			13.3			306.2			14.4			15.3			
Median Abs Dev	3.3			3.3			19.6			2.7			3.2			
Avg Within Lab SD	1.5			2.1			10.8			1.4			3.4			
Labs Included	38			38			38			36			37			
Labs Reporting	39			39			40			39			39			



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>7M8PL2</b>	<b>110.4</b>		1.3	<b>152.0</b>		0.4	<b>241.9</b>		0.9	<b>114.3</b>		0.9	<b>206.0</b>		1.0
<b>D3VDRR</b>	<b>103.2</b>		0.4	<b>158.2</b>		1.4	<b>251.9</b>		1.1	<b>101.0</b>		1.1	<b>206.1</b>		1.0
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	106.8			155.1			246.9			107.7			206.0		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	1.4			0.8			1.0			0.9			1.2		
<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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>8NCFMP</b>	<b>94.9</b>		0.2	<b>168.9</b>		0.3	<b>192.8</b>		0.4	<b>114.6</b>		0.2	<b>225.4</b>		0.5
<b>KH4MQ9</b>	<b>99.0</b>		1.0	<b>174.3</b>		0.4	<b>226.7</b>		0.8	<b>114.7</b>		0.3	<b>235.0</b>		0.8
<b>UECTQB</b>	<b>110.3</b>		1.4	<b>183.1</b>		1.7	<b>235.3</b>		1.5	<b>115.3</b>		1.7	<b>231.4</b>		1.4

K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	99.0			174.3			226.7			114.7			231.4		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	3.6			7.0			5.2			1.7			6.0		
<b>Labs Included</b>	3			3			3			3			3		
<b>Labs Reporting</b>	3			3			3			3			3		



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>8NCFMP</b>	<b>0.60</b>		1.98	<b>0.37</b>		1.54	<b>0.43</b>		1.68	<b>0.90</b>		0.00	<b>0.53</b>		1.46	
<b>QMXKND</b>	<b>0.16</b>		0.21	<b>0.15</b>		0.85	<b>0.09</b>		0.64	<b>0.35</b>		1.20	<b>0.33</b>		0.89	
<b>VYQ8QW</b>	<b>0.04</b>		0.11	<b>0.05</b>		0.00	<b>0.02</b>		0.00	<b>0.01</b>		0.00				
<b>Z3XKV7</b>	<b>0.74</b>		0.11	<b>0.75</b>		0.95	<b>1.11</b>		0.88	<b>0.69</b>		1.60	<b>0.93</b>		0.29	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	0.38			0.26			0.26			0.52			0.53			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.05			0.04			0.03			0.03			0.04			
<b>Labs Included</b>	4			4			4			4			3			
<b>Labs Reporting</b>	4			4			4			4			3			



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
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>24M632</b>	<b>38.70</b>		0.03	<b>6.42</b>		0.08	<b>107.43</b>		0.39	<b>340.43</b>		0.61	<b>39.08</b>		0.03
<b>AJD3G4</b>	<b>32.17</b>		0.32	<b>3.33</b>		0.21	<b>78.17</b>		0.43	<b>329.67</b>		0.83	<b>37.50</b>		0.74
<b>HDDJVW</b>	<b>43.92</b>		1.96	<b>7.74</b>		1.92	<b>94.22</b>		1.81	<b>348.88</b>		1.70	<b>35.22</b>		1.85
<b>Z3XKV7</b>	<b>54.77</b>		0.24	<b>13.50</b>		0.51	<b>112.91</b>		0.61	<b>312.27</b>		0.25	<b>29.94</b>		0.16
Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	41.3			7.08			100.8			335.1			36.4		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	1.8			1.36			8.0			17.0			1.8		
<b>Labs Included</b>	4			4			4			4			4		
<b>Labs Reporting</b>	4			4			4			4			4		



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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
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>24M632</b>	<b>77.0</b>		0.7	<b>119.5</b>		0.3	<b>97.5</b>		0.5	<b>105.0</b>		1.0	<b>164.9</b>		0.1
<b>AJD3G4</b>	<b>76.3</b>		1.2	<b>123.2</b>		1.6	<b>99.8</b>		0.8	<b>113.3</b>		1.1	<b>166.0</b>		1.4
<b>HDDJVW</b>	<b>71.8</b>		0.5	<b>110.5</b>		0.3	<b>91.0</b>		0.9	<b>100.3</b>		1.1	<b>151.3</b>		1.3
<b>Z3XKV7</b>	<b>78.6</b>		1.3	<b>120.2</b>		1.1	<b>103.0</b>		1.5	<b>100.9</b>		0.8	<b>149.4</b>		0.4
Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	76.7			119.8			98.7			103.0			158.1		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	1.3			2.3			2.7			2.3			5.1		
<b>Labs Included</b>	4			4			4			4			4		
<b>Labs Reporting</b>	4			4			4			4			4		



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>24M632</b>	<b>5,082.9</b>		0.4	<b>5,112.1</b>		0.1	<b>4,960.9</b>		0.0	<b>1,514.3</b>		0.8	<b>1,853.4</b>		0.5
<b>AJD3G4</b>	<b>4,976.0</b>		0.5	<b>4,939.3</b>		0.4	<b>4,767.5</b>		0.4	<b>1,417.2</b>		0.6	<b>1,732.2</b>		0.4
<b>HDDJVW</b>	<b>5,010.8</b>		1.9	<b>4,984.7</b>		1.7	<b>4,787.3</b>		2.0	<b>1,501.0</b>		1.7	<b>1,714.3</b>		1.8
<b>Z3XKV7</b>	<b>4,956.6</b>		0.2	<b>4,999.5</b>			<b>4,971.0</b>		0.2	<b>1,317.3</b>		0.4	<b>1,522.8</b>		0.6
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	4,993.4			4,992.1			4,874.1			1,459.1			1,723.3		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	248.6			331.1			243.0			65.4			66.9		
<b>Labs Included</b>	4			4			4			4			4		
<b>Labs Reporting</b>	4			4			4			4			4		



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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>24M632</b>	<b>243.4</b>		0.2	<b>179.2</b>		0.2	<b>218.4</b>		0.4	<b>184.8</b>		0.7	<b>280.8</b>		0.5
<b>AJD3G4</b>	<b>263.3</b>		0.3	<b>185.8</b>		0.4	<b>239.3</b>		0.8	<b>207.2</b>		1.3	<b>295.2</b>		0.9
<b>HDDJVW</b>	<b>281.8</b>		1.9	<b>193.3</b>		1.7	<b>224.1</b>		1.8	<b>189.3</b>		1.1	<b>263.2</b>		1.6
<b>Z3XKV7</b>	<b>325.2</b>		0.5	<b>213.1</b>		1.0	<b>278.8</b>		0.4	<b>213.3</b>		0.7	<b>309.7</b>		0.6
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	272.6			189.5			231.7			198.2			288.0		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	13.3			9.8			6.0			4.8			11.2		
<b>Labs Included</b>	4			4			4			4			4		
<b>Labs Reporting</b>	4			4			4			4			4		



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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>24M632</b>	<b>10.6</b>		0.2	<b>135.6</b>		1.7	<b>3.6</b>		0.3	<b>44.6</b>		0.1	<b>17.7</b>		0.0	
<b>AJD3G4</b>	<b>8.0</b>		1.1	<b>32.5</b>			<b>1.5</b>			<b>50.2</b>		0.4	<b>17.0</b>		0.4	
<b>HDDJW</b>	<b>11.3</b>		1.6	<b>41.9</b>		0.0	<b>2.3</b>		0.6	<b>47.1</b>		2.0	<b>16.8</b>		2.0	
<b>Z3XKV7</b>	<b>13.6</b>		0.3	<b>42.7</b>		0.0	<b>5.3</b>		1.6	<b>44.1</b>		0.1	<b>14.5</b>		0.1	
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	11.0			42.3			2.93			45.8			16.9			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.8			102.2			0.38			2.7			1.3			
<b>Labs Included</b>	4			4			4			4			4			
<b>Labs Reporting</b>	4			4			4			4			4			



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>24M632</b>	<b>0.20</b>		0.76	<b>0.90</b>		0.09	<b>0.13</b>		0.03	<b>7.85</b>		0.32	<b>1.03</b>		0.85
<b>AJD3G4</b>	<b>0.37</b>		1.46	<b>0.75</b>		0.86	<b>0.33</b>		1.41	<b>7.85</b>		0.16	<b>0.97</b>		0.93
<b>HDDJW</b>	<b>0.11</b>		0.29	<b>1.04</b>		1.13				<b>7.90</b>		1.96	<b>0.74</b>		1.44
<b>Z3XKV7</b>	<b>0.37</b>		1.10	<b>1.47</b>		1.40				<b>7.95</b>		0.14	<b>0.79</b>		0.58
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	0.28			0.97			0.23			7.88			0.88		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.02			0.06			0.02			0.31			0.03		
<b>Labs Included</b>	4			4			2			4			4		
<b>Labs Reporting</b>	4			4			2			4			4		





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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm <sup>3</sup>		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>24M632</b>	<b>1.28</b>	-0.34	2.43	<b>1.04</b>	-0.32	1.82	<b>1.23</b>	-0.16	0.62	<b>1.12</b>	0.00	1.29	<b>1.02</b>	-0.05	1.92
<b>A2GFDZ</b>	<b>1.37</b>	0.34	0.81	<b>1.10</b>	0.19	0.59	<b>1.28</b>	0.16	0.55	<b>1.12</b>	0.00	0.49	<b>1.06</b>	0.35	0.25
<b>BHWMRN</b>	<b>1.21</b>	-0.86	0.47	<b>1.00</b>	-0.71	0.22	<b>1.06</b>	-1.31	0.21	<b>0.95</b>	-1.31	0.49	<b>0.97</b>	-0.64	0.50
<b>HDDJWV</b>	<b>1.41</b>	0.69	0.69	<b>1.13</b>	0.47	1.45	<b>1.29</b>	0.29	0.63	<b>1.16</b>	0.31	0.69	<b>1.03</b>	0.05	1.45
<b>MWWNA</b> 7	<b>1.45</b>	0.93	0.93	<b>1.21</b>	1.20	1.70	<b>1.35</b>	0.64	2.68	<b>1.24</b>	0.89	1.76	<b>1.11</b>	0.80	1.38
<b>N7FGZT</b>	<b>1.37</b>	0.37	0.93	<b>1.17</b>	0.83	0.59	<b>1.29</b>	0.25	0.31	<b>1.17</b>	0.36	1.40	<b>1.07</b>	0.45	0.93
<b>RA6HPH</b>	<b>1.39</b>	0.50	0.00	<b>1.16</b>	0.73	0.59	<b>1.38</b>	0.87	0.00	<b>1.26</b>	0.99	0.49	<b>1.17</b>	1.45	0.00
<b>TZVTP8</b>	<b>1.19</b>	-1.05	0.86	<b>0.90</b>	-1.58	0.74	<b>1.07</b>	-1.29	1.19	<b>0.96</b>	-1.24	1.15	<b>0.86</b>	-1.69	0.97
<b>UQ766A</b>	<b>1.22</b>	-0.81	0.23	<b>1.05</b>	-0.19	0.08	<b>1.11</b>	-0.97	0.07	<b>1.03</b>	-0.67	0.24	<b>0.97</b>	-0.57	0.09
<b>XTYLX2</b>	<b>1.21</b>	-0.86	0.47	<b>1.02</b>	-0.53	0.22	<b>1.14</b>	-0.81	0.41	<b>0.99</b>	-0.99	0.84	<b>0.96</b>	-0.70	0.43

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm <sup>3</sup>		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	1.33			1.08			1.25			1.12			1.03		
<b>Median Abs Dev</b>	0.10			0.07			0.11			0.11			0.06		
<b>Avg Within Lab SD</b>	0.01			0.03			0.03			0.01			0.02		
<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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>ADLAAP</b>	<b>36.9</b>	-0.2	0.6	<b>55.2</b>	1.1	1.0	<b>29.0</b>	0.6	0.9	<b>630.9</b>	-1.3	0.7	<b>19.2</b>	-0.1	0.9
<b>FPZTHE</b>	<b>39.0</b>	0.4		<b>51.3</b>	0.1	0.8	<b>29.7</b>	0.9	1.6	<b>760.0</b>	0.5		<b>26.0</b>	1.1	1.0
<b>KXZ99G</b>	<b>31.3</b>	-1.9	1.4	<b>43.2</b>	-2.0	1.0	<b>23.5</b>	-1.2	0.6	<b>721.7</b>	-0.1	1.2	<b>16.5</b>	-0.6	0.8
<b>PQZ9J3</b>	<b>35.9</b>	-0.5	1.4	<b>47.0</b>	-1.0	1.2	<b>26.4</b>	-0.2	1.5	<b>345.7</b>	-5.3X	2.1	<b>16.8</b>	-0.5	0.7
<b>QMXKND</b>	<b>38.3</b>	0.2	0.3	<b>52.2</b>	0.3	0.3	<b>25.5</b>	-0.6	0.4	<b>780.3</b>	0.7	0.2	<b>24.6</b>	0.8	0.6
<b>UQ766A</b>	<b>41.4</b>	1.1	0.3	<b>51.9</b>	0.2	0.4	<b>27.2</b>	0.0	0.4	<b>757.8</b>	0.4	0.1	<b>18.1</b>	-0.3	0.1
<b>XV6PK3</b>	<b>39.7</b>	0.6	1.4	<b>48.3</b>	-0.7	0.8	<b>32.3</b>	1.8	0.6	<b>726.7</b>	0.0	1.6	<b>20.3</b>	0.1	0.6
<b>ZLTRUJ</b>	<b>36.3</b>	-0.4	0.7	<b>50.7</b>	-0.1	1.7	<b>27.0</b>	0.0	1.1	<b>606.7</b>	-1.7	1.3	<b>30.7</b>	1.9	2.1

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	37.6			51.0			27.1			726.7			19.8		
<b>Median Abs Dev</b>	1.5			1.9			1.8			33.3			3.1		
<b>Avg Within Lab SD</b>	0.8			1.5			0.9			18.6			1.0		
<b>Labs Included</b>	8			8			8			7			8		
<b>Labs Reporting</b>	8			8			8			8			8		



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	46.0	0.3	0.2	51.4	-0.9	0.3	29.3	-0.3	0.1	669.8	-0.7	0.3	21.4	0.1	0.2	
2FHJZD	42.3	-0.4	0.5	55.3	-0.1	1.1	34.7	0.9	0.2	682.0	-0.5	0.3	20.4	-0.3	0.6	
2Q2XZU	33.2	-2.1	0.5	53.8	-0.4	0.6	24.2	-1.4	0.6	763.3	0.3	0.8	17.0	-1.6	1.0	
7M8PL2	46.1	0.3	0.3	60.9	1.1	0.2	33.9	0.8	0.2	889.8	1.5	0.6	22.1	0.4	0.3	
7NEMXD	40.6	-0.7	2.0	57.3	0.4	0.7	28.6	-0.4	1.1	415.0	-3.2X	0.1	18.3	-1.1	2.5	
A2GFDZ	45.7	0.3	1.1	58.0	0.5	0.9	30.5	0.0	1.1	781.0	0.4	0.6	19.6	-0.6	0.3	
ATCA4A	44.0	-0.1	0.8	55.3	-0.1	2.4	26.6	-0.9	0.7	812.3	0.8	0.7	21.0	0.0	1.1	
AY6EWE	44.5	0.0	0.8	55.1	-0.1	0.4	29.5	-0.2	0.5	672.9	-0.6	0.2	21.4	0.1	1.6	
BHWMRN	43.0	-0.2	1.4	50.3	-1.1	1.1	31.7	0.2	3.4	697.0	-0.4	0.9	20.0	-0.4	1.1	
BZVZ3A	38.5	-1.1	0.5	53.8	-0.4	0.3	27.2	-0.8	0.5	742.3	0.1	1.1	19.6	-0.6	0.1	
CXM8LG	44.3	0.0	0.6	56.0	0.1	1.1	29.6	-0.2	0.2	737.4	0.0	0.2	21.3	0.1	0.5	
D3VDRR	49.8	1.0	0.5	67.8	2.5	0.2	33.4	0.6	0.3	880.6	1.4	0.1	23.3	0.9	0.2	
F6DC3R	34.7	-1.8	1.2	49.0	-1.4	0.7	24.0	-1.5	1.5	666.3	-0.7	0.7	20.7	-0.2	0.6	
FQAV4D	124.7	15.1X	117.6	260.6	42.2X	262.3	112.5	18.3X	109.2	5,545.2	47.7X	409.0	81.8	23.7X	117.5	
GA7D3L	37.0	-1.4	1.6	52.7	-0.6	2.3	20.3	-2.3	1.5	639.7	-1.0	1.8	22.3	0.5	0.6	
H2KZFR	44.1	0.0	0.0	50.3	-1.1	0.2	28.6	-0.4	0.1	613.7	-1.2	0.4	22.4	0.5	0.3	
H7HV72	40.4	-0.7	1.0	55.6	0.0	0.9	31.2	0.1	0.5	590.6	-1.4	0.5	23.7	1.0	0.4	
HMNLFX	41.3	-0.5	1.2	53.3	-0.5	0.4	29.3	-0.3	0.4	1,038.3	3.0X	0.4	19.7	-0.5	0.6	
JGERWL	45.6	0.3	0.4	57.2	0.3	0.3	30.6	0.0	1.3	735.7	0.0	0.2	21.1	0.0	0.2	
MWWNA 7	45.1	0.2	2.2	55.9	0.1	1.2	33.6	0.7	0.6	760.9	0.2	1.4	25.9	1.9	1.4	
N7FGZT	47.6	0.6	0.3	58.5	0.6	0.3	31.7	0.3	1.1	749.7	0.1	0.2	21.7	0.3	0.5	
NBQVXD	44.2	0.0	1.0	54.7	-0.2	1.6	29.3	-0.3	0.8	742.9	0.1	0.8	18.3	-1.1	0.2	
NYE3D8	48.3	0.8	1.7	58.0	0.5	0.7	34.7	0.9	0.4	723.7	-0.1	0.4	24.7	1.4	1.7	
PNB8U2	39.4	-0.9	0.3	51.8	-0.8	0.3	22.3	-1.8	0.1	624.1	-1.1	0.2	20.9	-0.1	0.8	
QEGL29	50.2	1.1	0.0	59.2	0.7	0.0	32.9	0.5	0.0	714.5	-0.2	0.0	20.9	-0.1	0.0	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>RA6HPH</b>	<b>44.0</b>	0.0	1.4	<b>59.0</b>	0.7	0.7	<b>31.7</b>	0.2	0.8	<b>761.0</b>	0.2	0.6	<b>23.7</b>	1.0	1.7	
<b>RCF7LB</b>	<b>52.3</b>	1.5	0.5	<b>65.7</b>	2.1	0.4	<b>33.0</b>	0.5		<b>814.3</b>	0.8	0.5	<b>25.0</b>	1.5		
<b>TZVTP8</b>	<b>47.8</b>	0.7	0.5	<b>55.7</b>	0.0	0.3	<b>32.2</b>	0.4	1.0	<b>705.0</b>	-0.3	0.2	<b>18.0</b>	-1.2	1.8	
<b>UDEHV9</b>	<b>47.3</b>	0.6	0.6	<b>62.4</b>	1.4	2.4	<b>33.0</b>	0.5	0.4	<b>909.0</b>	1.7	1.1	<b>22.7</b>	0.6	0.8	
<b>UF6GDD</b>	<b>39.9</b>	-0.8	0.0	<b>55.6</b>	0.0	0.0	<b>29.7</b>	-0.2	0.0	<b>867.6</b>	1.3	0.0	<b>20.1</b>	-0.4	0.0	
<b>UQ766A</b>	<b>47.0</b>	0.5	0.2	<b>59.0</b>	0.7	0.5	<b>31.8</b>	0.3	0.3	<b>861.1</b>	1.2	0.1	<b>20.6</b>	-0.2	0.1	
<b>V63J3H</b>	<b>46.2</b>	0.4	0.9	<b>55.0</b>	-0.1	1.4	<b>32.3</b>	0.4	1.6	<b>735.4</b>	0.0	0.3	<b>21.9</b>	0.3	1.0	
<b>VYQ8QW</b>	<b>48.0</b>	0.7	0.5	<b>68.4</b>	2.6	0.8	<b>34.7</b>	0.9	1.0	<b>863.7</b>	1.3	1.5	<b>24.8</b>	1.5	0.8	
<b>XTY LX2</b>	<b>38.0</b>	-1.2	1.1	<b>53.7</b>	-0.4	0.6	<b>23.8</b>	-1.5	0.1	<b>706.5</b>	-0.3	0.6	<b>19.8</b>	-0.5	0.2	
<b>YMUNY2</b>	<b>35.2</b>	-1.7	1.8	<b>44.2</b>	-2.3X	2.6	<b>21.8</b>	-2.0	1.7	<b>585.5</b>	-1.5	4.0	<b>15.8</b>	-2.1	2.0	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	44.2			55.6			30.6			736.5			21.1			
<b>Median Abs Dev</b>	3.2			2.4			2.2			59.1			1.3			
<b>Avg Within Lab SD</b>	1.2			1.4			1.4			20.8			0.9			
<b>Labs Included</b>	34			33			34			32			34			
<b>Labs Reporting</b>	35			35			35			35			35			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	142.8	0.6	0.2	201.1	0.0	1.4	367.0	0.4	0.2	136.6	0.7	0.1	285.0	0.4	0.5	
2FHJZD	135.0	0.0	0.3	200.3	0.0	0.4	342.7	-0.6	0.2	128.3	-0.1	0.5	264.7	-0.4	0.2	
2Q2XZU	124.8	-0.9	0.3	177.0	-1.2	0.9	341.5	-0.7	0.5	121.3	-0.8	0.4	252.8	-0.8	1.0	
7M8PL2	138.9	0.3	0.2	205.9	0.3	0.2	373.7	0.6	0.2	132.7	0.3	0.3	296.4	0.8	0.3	
7NEMXD	126.1	-0.8	1.2	211.2	0.5	0.4	381.6	1.0	0.2	137.1	0.7	0.3	306.4	1.1	0.5	
A2GFDZ	129.7	-0.5	0.8	185.0	-0.8	0.9	345.3	-0.5	1.0	115.3	-1.3	0.8	253.7	-0.8	1.3	
ADLAAP	117.0	-1.5	0.3	215.4	0.8	0.8	375.1	0.7	0.4	147.1	1.7	0.3	336.4	2.2	0.2	
ATCA4A	136.6	0.1	0.3	205.1	0.2	0.6	354.2	-0.2	0.6	134.5	0.5	0.5	290.2	0.5	0.0	
AY6EWE	142.9	0.6	0.3	182.0	-1.0	0.2	363.6	0.2	0.2	132.0	0.3	0.7	247.3	-1.0	0.3	
BHWMRN	131.3	-0.3	1.9	185.0	-0.8	0.5	333.7	-1.0	1.0	115.3	-1.3	0.6	272.7	-0.1	1.8	
BZVZ3A	121.8	-1.1	0.7	206.1	0.3	0.6	357.6	0.0	0.9	137.0	0.7	0.3	299.6	0.9	0.4	
CXM8LG	137.9	0.2	0.8	189.4	-0.6	0.6	371.1	0.5	0.5	123.0	-0.6	0.6	282.0	0.3	1.2	
D3VDRR	145.5	0.9	0.3	220.7	1.0	0.2	398.5	1.7	0.3	137.3	0.8	0.2	295.7	0.8	0.1	
F6DC3R	126.3	-0.7	1.1	223.7	1.2	0.8	348.7	-0.4	0.8	152.3	2.2	1.3	311.7	1.3	0.6	
FPZTHE	134.0	-0.1	0.7	195.3	-0.3	0.8	344.7	-0.5	0.4	129.3	0.0	0.8	260.0	-0.6	0.6	
FQAV4D	116.8	-1.5	2.7	207.4	0.3	3.2	321.4	-1.5	2.7	134.0	0.5	2.5	285.9	0.4	1.3	
GA7D3L	148.3	1.1	1.3	231.0	1.6	1.2	348.0	-0.4	0.9	144.3	1.4	1.2	271.3	-0.1	1.0	
H2KZFR	130.7	-0.4	0.4	179.2	-1.1	0.3	358.3	0.0	0.2	125.2	-0.4	0.1	273.2	-0.1	0.3	
H7HV72	136.0	0.1	1.1	201.5	0.0	1.1	369.6	0.5	0.1	127.7	-0.2	0.4	275.9	0.0	1.1	
HMNLFX	128.3	-0.6	0.2	177.7	-1.2	0.2	328.3	-1.2	0.3	118.7	-1.0	0.1	256.0	-0.7	0.8	
JGERWL	100.6	-2.9X	15.8	177.2	-1.2	0.7	376.8	0.8	0.1	117.5	-1.1	0.6	261.6	-0.5	0.5	
MWWNA 7	160.8	2.1X	2.9	211.3	0.5	2.5	418.6	2.5X	3.5	160.0	2.9X	2.8	307.6	1.2	1.9	
N7FGZT	150.1	1.3	0.4	222.4	1.1	0.3	399.7	1.7	0.2	141.9	1.2	0.2	305.1	1.1	1.1	
NBQVXD	135.4	0.0	0.6	193.2	-0.4	0.9	344.5	-0.6	0.5	126.7	-0.3	0.4	250.4	-0.9	0.6	
NYE3D8	147.3	1.0	0.5	232.7	1.6	1.2	390.3	1.3	0.4	144.3	1.4	1.5	321.7	1.7	1.5	



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>PNB8U2</b>	<b>125.5</b>	-0.8	0.4	<b>211.9</b>	0.6	0.3	<b>357.9</b>	0.0	0.2	<b>121.1</b>	-0.8	0.2	<b>293.0</b>	0.7	0.1	
<b>PQZ9J3</b>	<b>138.2</b>	0.3	2.4	<b>198.6</b>	-0.1	1.9	<b>359.8</b>	0.1	3.0	<b>122.3</b>	-0.7	1.4	<b>267.2</b>	-0.3	2.6	
<b>QEGL29</b>	<b>150.7</b>	1.3	0.0	<b>188.2</b>	-0.6	0.0	<b>360.4</b>	0.1	0.0	<b>126.9</b>	-0.2	0.0	<b>280.8</b>	0.2	0.0	
<b>RA6HPH</b>	<b>120.7</b>	-1.2	0.4	<b>206.7</b>	0.3	0.6	<b>349.0</b>	-0.4	0.8	<b>130.3</b>	0.1	0.5	<b>303.3</b>	1.0	0.2	
<b>RCF7LB</b>	<b>130.3</b>	-0.4	0.2	<b>186.3</b>	-0.7	0.4	<b>341.7</b>	-0.7	0.3	<b>124.0</b>	-0.5	0.2	<b>257.7</b>	-0.6	0.2	
<b>TZVTP8</b>	<b>152.2</b>	1.4	0.8	<b>198.1</b>	-0.1	0.9	<b>382.1</b>	1.0	0.6	<b>136.1</b>	0.6	0.5	<b>262.9</b>	-0.4	1.6	
<b>UF6GDD</b>	<b>135.6</b>	0.0	0.0	<b>192.7</b>	-0.4	0.0	<b>349.4</b>	-0.4	0.0	<b>128.2</b>	-0.1	0.0	<b>264.9</b>	-0.4	0.0	
<b>UQ766A</b>	<b>142.4</b>	0.6	0.3	<b>203.3</b>	0.1	0.7	<b>358.9</b>	0.0	0.2	<b>140.9</b>	1.1	0.1	<b>273.1</b>	-0.1	0.2	
<b>V63J3H</b>	<b>128.4</b>	-0.6	0.4	<b>170.5</b>	-1.6	0.4	<b>387.6</b>	1.2	0.3	<b>125.0</b>	-0.4	0.7	<b>261.1</b>	-0.5	0.2	
<b>VYQ8QW</b>	<b>115.4</b>	-1.7	0.9	<b>210.2</b>	0.5	1.1	<b>339.6</b>	-0.8	0.5	<b>131.0</b>	0.2	0.5	<b>305.4</b>	1.1	0.9	
<b>XTYLY2</b>	<b>124.8</b>	-0.9	2.1	<b>206.1</b>	0.3	0.8	<b>322.7</b>	-1.5	0.1	<b>129.1</b>	0.0	0.3	<b>293.1</b>	0.7	0.5	
<b>YMUNY2</b>	<b>139.9</b>	0.4	1.8	<b>179.4</b>	-1.1	0.9	<b>340.8</b>	-0.7	3.4	<b>132.4</b>	0.3	4.0	<b>247.9</b>	-1.0	1.9	
<b>ZLTRUJ</b>	<b>135.5</b>	0.0	0.4	<b>182.3</b>	-1.0	0.9	<b>385.4</b>	1.1	1.2	<b>126.9</b>	-0.2	1.2	<b>274.3</b>	0.0	1.5	

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	135.2			200.7			357.9			129.3			275.1			
<b>Median Abs Dev</b>	7.4			11.3			15.3			6.3			17.7			
<b>Avg Within Lab SD</b>	3.0			5.0			10.3			4.1			6.6			
<b>Labs Included</b>	36			38			37			37			38			
<b>Labs Reporting</b>	38			38			38			38			38			



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	4,071.8	0.1	0.0	3,497.1	-0.8	0.4	5,167.4	-0.6	0.1	1,430.4	0.7	0.3	2,426.7	0.2	0.1	
2FHJZD	3,661.0	-0.9	0.0	3,367.7	-1.1	0.1	4,527.7	-1.5	0.0	1,231.3	-1.1	0.0	2,071.3	-1.4	0.1	
2Q2XZU	4,291.2	0.7	0.2	3,993.7	0.6	0.5	6,222.7	0.9	0.5	1,343.2	-0.1	0.4	2,244.5	-0.6	0.7	
7M8PL2	4,302.0	0.7	0.1	4,170.7	1.1	0.4	5,574.7	0.0	0.3	1,369.0	0.1	0.2	2,406.7	0.1	0.2	
7NEMXD	4,045.5	0.1	2.1	4,214.2	1.2	0.6	6,544.7	1.4	0.1	1,363.8	0.1	0.2	2,625.2	1.1	0.5	
A2GFDZ	4,196.3	0.4	0.2	3,775.0	0.0	0.1	5,879.0	0.4	0.6	1,229.0	-1.1	0.6	2,268.7	-0.5	0.9	
ADLAAP	3,693.2	-0.9	1.6	3,774.7	0.0	1.0	5,377.7	-0.3	0.5	1,327.7	-0.2	0.5	3,012.8	2.9X	4.8	
BHWMRN	4,024.3	0.0	1.3	3,614.3	-0.4	0.5	5,547.0	0.0	0.5	1,161.3	-1.7	0.7	2,201.0	-0.8	1.6	
BZVZ3A	3,621.3	-1.0	0.1	3,921.7	0.4	0.3	5,525.0	-0.1	0.5	1,283.3	-0.6	0.5	2,381.3	0.0	0.3	
CXM8LG	4,331.2	0.8	0.4	3,772.9	0.0	1.3	6,077.5	0.7	0.2	1,411.8	0.5	0.6	2,403.1	0.1	1.1	
D3VDRR	4,652.3	1.6	0.4	4,464.7	1.9	0.1	6,766.0	1.7	0.2	1,479.7	1.1	0.4	2,583.3	0.9	0.1	
F6DC3R	3,147.0	-2.3	0.2	3,775.3	0.0	0.5	5,008.7	-0.8	0.1	1,313.0	-0.4	0.5	2,495.3	0.5	0.4	
FPZTHE	4,231.7	0.5	0.1	3,958.7	0.5	0.1	6,044.7	0.7	0.1	1,398.7	0.4	0.3	2,173.7	-1.0	0.2	
FQAV4D	3,828.0	-0.5	1.9	3,961.3	0.5	2.0	4,931.2	-0.9	1.6	1,330.0	-0.2	1.0	2,330.4	-0.2	1.7	
GA7D3L	3,791.7	-0.6	0.6	2,619.3	-3.2X	0.5	4,036.0	-2.2	0.4	1,400.3	0.4	0.8	2,618.3	1.1	0.5	
H2KZFR	3,832.3	-0.5	0.5	3,413.0	-1.0	0.3	4,881.2	-1.0	0.1	1,530.0	1.6	0.3	2,266.8	-0.5	0.2	
H7HV72	4,420.6	1.0	1.8	4,155.4	1.0	0.5	5,885.1	0.4	0.1	1,366.3	0.1	0.3	2,226.8	-0.7	0.9	
HMNLFX	3,933.3	-0.2	0.5	3,703.3	-0.2	0.1	5,520.0	-0.1	0.1	1,278.3	-0.7	0.3	2,174.3	-1.0	0.3	
JGERWL	2,839.3	-3.1X	21.4	3,682.2	-0.3	0.6	5,679.3	0.2	0.6	1,432.8	0.7	0.4	2,387.3	0.0	1.3	
MWWNA 7	4,123.6	0.3	2.5	3,881.1	0.3	3.7	5,807.6	0.3	3.9	1,469.7	1.0	3.7	2,499.8	0.6	1.5	
N7FGZT	4,388.0	0.9	0.3	4,067.7	0.8	0.1	5,933.3	0.5	0.2	1,420.7	0.6	0.1	2,513.7	0.6	0.7	
NBQVXD	4,180.7	0.4	0.4	3,730.6	-0.1	1.4	5,639.2	0.1	0.1	1,332.1	-0.2	0.2	2,119.4	-1.2	0.1	
NYE3D8	4,378.0	0.9	0.7	3,905.0	0.4	1.6	5,718.0	0.2	0.7	1,401.7	0.4	0.2	2,644.0	1.2	1.0	
PNB8U2	2,728.7	-3.4X	0.5	2,376.0	-3.8X	0.1	3,438.0	-3.1X	0.1	1,145.3	-1.9	0.0	2,348.0	-0.2	0.2	
PQZ9J3	3,747.4	-0.7	1.7	3,440.6	-0.9	0.9	5,349.2	-0.3	2.2	1,279.9	-0.7	0.8	2,134.0	-1.2	2.5	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>RA6HPH</b>	<b>3,876.7</b>	-0.4	0.8	<b>3,860.0</b>	0.2	0.3	<b>5,516.7</b>	-0.1	0.2	<b>1,376.7</b>	0.2	1.4	<b>2,466.7</b>	0.4	0.4	
<b>RCF7LB</b>	<b>5,295.0</b>	3.3X	0.4	<b>5,045.3</b>	3.5X	0.7	<b>7,060.0</b>	2.1	0.4	<b>1,558.0</b>	1.8	0.1	<b>2,565.7</b>	0.9	1.1	
<b>TZVTP8</b>	<b>4,832.7</b>	2.1	0.7	<b>4,261.8</b>	1.3	0.2	<b>6,647.9</b>	1.5	0.3	<b>1,225.7</b>	-1.1	0.2	<b>2,095.6</b>	-1.3	1.0	
<b>UF6GDD</b>	<b>3,813.0</b>	-0.5		<b>2,982.0</b>	-2.2		<b>5,297.0</b>	-0.4		<b>1,353.0</b>	0.0		<b>2,267.0</b>	-0.5		
<b>V63J3H</b>	<b>3,949.9</b>	-0.2	0.7	<b>3,339.0</b>	-1.2	0.5	<b>5,738.4</b>	0.2	0.8	<b>1,529.5</b>	1.6	0.5	<b>2,293.8</b>	-0.4	1.1	
<b>VYQ8QW</b>	<b>3,923.9</b>	-0.3	0.2	<b>4,040.6</b>	0.7	0.2	<b>5,522.5</b>	-0.1	0.7	<b>1,320.6</b>	-0.3	0.1	<b>2,583.5</b>	0.9	0.5	
<b>XYLX2</b>	<b>3,742.6</b>	-0.7	0.2	<b>3,604.4</b>	-0.5	0.7	<b>4,912.6</b>	-0.9	0.1	<b>1,283.0</b>	-0.6	0.1	<b>2,400.2</b>	0.1	0.3	
<b>YMUNY2</b>	<b>3,964.9</b>	-0.2	1.0	<b>3,421.6</b>	-1.0	0.9	<b>5,164.9</b>	-0.6	1.9	<b>1,353.5</b>	0.0	3.3	<b>2,057.0</b>	-1.5	0.7	
<b>ZLTRUJ</b>	<b>4,125.0</b>	0.3	0.8	<b>3,684.7</b>	-0.2	0.4	<b>6,157.0</b>	0.8	1.4	<b>1,673.3</b>	2.8X	2.3	<b>2,436.7</b>	0.3	2.6	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	4,024.3			3,775.0			5,574.7			1,353.5			2,381.3			
<b>Median Abs Dev</b>	211.3			186.3			358.7			67.2			132.3			
<b>Avg Within Lab SD</b>	113.0			112.8			222.0			75.8			72.7			
<b>Labs Included</b>	31			31			33			33			33			
<b>Labs Reporting</b>	34			34			34			34			34			





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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	185.3	0.0	0.6	151.4	-0.1	0.6	367.7	0.2	0.2	206.2	0.2	0.5	387.4	0.2	0.2	
2FHJZD	173.7	-0.6	0.3	151.3	-0.1	0.6	321.7	-1.1	0.2	188.0	-0.9	0.4	336.7	-1.4	0.1	
2Q2XZU	185.7	0.0	0.6	144.7	-0.7	1.0	371.8	0.3	0.3	189.3	-0.8	0.5	358.5	-0.7	0.5	
7M8PL2	208.3	1.2	0.6	165.0	1.0	0.8	393.7	0.9	0.5	212.7	0.7	0.5	394.7	0.5	0.4	
7NEMXD	171.2	-0.7	1.7	162.9	0.9	0.4	358.5	-0.1	0.4	205.2	0.2	0.1	420.9	1.3	0.6	
A2GFDZ	188.3	0.1	0.1	149.3	-0.3	0.5	352.7	-0.2	0.3	193.3	-0.6	0.5	366.7	-0.4	0.5	
ADLAAP	167.6	-0.9	0.1	140.8	-1.0	1.1	356.8	-0.1	1.8	181.1	-1.4	0.5	383.9	0.1	0.8	
BHWMRN	182.0	-0.2	1.6	145.0	-0.6	0.2	325.7	-1.0	1.1	172.0	-1.9	0.2	366.7	-0.4	1.6	
BZVZ3A	160.0	-1.3	0.1	145.4	-0.6	0.1	323.8	-1.0	1.0	188.2	-0.9	0.7	377.6	-0.1	0.2	
CXM8LG	202.4	0.9	0.7	161.5	0.8	0.3	373.1	0.3	0.2	195.3	-0.5	0.3	394.6	0.5	0.4	
D3VDRR	217.7	1.7	0.2	176.5	2.0	0.5	422.0	1.7	0.4	209.3	0.4	0.2	422.6	1.3	0.5	
F6DC3R	161.7	-1.2	1.3	159.7	0.6	0.4	331.7	-0.8	0.9	214.0	0.7	1.3	391.0	0.3	0.7	
FPZTHE	199.7	0.7	2.2	154.3	0.1	1.2	388.7	0.8	1.0	206.7	0.3	0.9	367.7	-0.4	1.0	
FQAV4D	156.1	-1.5	2.3	142.9	-0.8	2.7	298.8	-1.7	2.8	182.6	-1.3	2.2	359.9	-0.7	2.1	
GA7D3L	190.0	0.2	0.4	159.0	0.5	1.5	359.3	-0.1	0.9	213.3	0.7	0.7	359.7	-0.7	0.8	
H2KZFR	185.2	0.0	0.1	144.2	-0.7	0.0	356.5	-0.1	0.5	205.2	0.2	1.0	375.3	-0.2	0.2	
H7HV72	208.3	1.2	1.0	186.5	2.9X	0.3	442.2	2.2	1.0	220.3	1.1	0.6	386.5	0.2	1.6	
HMNLFX	178.7	-0.4	0.3	140.7	-1.0	0.4	342.7	-0.5	0.3	177.0	-1.6	0.4	343.3	-1.2	0.5	
JGERWL	198.7	0.7	0.2	152.6	0.0	0.3	381.9	0.6	0.2	194.6	-0.5	0.1	381.3	0.0	0.3	
MWWNA 7	199.6	0.7	0.5	164.4	1.0	3.0	390.1	0.8	2.1	216.0	0.9	3.7	414.4	1.1	2.2	
N7FGZT	196.7	0.6	0.5	160.8	0.7	0.2	380.6	0.5	0.3	211.1	0.6	0.1	404.8	0.8	0.6	
NBQVXD	183.4	-0.1	0.5	143.5	-0.8	1.3	333.4	-0.8	0.2	197.5	-0.3	0.7	336.9	-1.4	0.4	
NYE3D8	207.0	1.1	0.4	175.0	1.9	1.4	413.0	1.4	0.9	220.3	1.1	0.5	437.3	1.8	1.4	
PNB8U2	180.3	-0.3	0.1	164.4	1.0	0.1	363.2	0.1	0.0	216.5	0.9	0.4	431.4	1.6	0.4	
PQZ9J3	195.4	0.5	2.7	148.4	-0.4	0.5	394.0	0.9	1.5	205.0	0.2	1.8	379.6	0.0	2.6	



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>RA6HPH</b>	<b>184.7</b>	0.0	0.7	<b>168.7</b>	1.4	0.9	<b>350.3</b>	-0.3	0.2	<b>205.0</b>	0.2	1.1	<b>416.0</b>	1.1	0.2	
<b>RCF7LB</b>	<b>204.7</b>	1.0	0.2	<b>155.1</b>	0.2	0.2	<b>357.9</b>	-0.1	0.4	<b>196.3</b>	-0.4	0.2	<b>368.7</b>	-0.4	0.1	
<b>TZVTP8</b>	<b>215.3</b>	1.5	0.1	<b>158.1</b>	0.5	0.1	<b>394.2</b>	0.9	0.8	<b>195.5</b>	-0.4	0.1	<b>345.6</b>	-1.1	1.2	
<b>UF6GDD</b>	<b>192.6</b>	0.4	0.0	<b>150.0</b>	-0.2		<b>363.0</b>	0.1		<b>202.4</b>	0.0	0.0	<b>364.3</b>	-0.5	0.0	
<b>V63J3H</b>	<b>185.5</b>	0.0	0.5	<b>153.2</b>	0.0	0.3	<b>368.1</b>	0.2	0.1	<b>200.9</b>	-0.1	0.8	<b>365.5</b>	-0.5	0.1	
<b>VYQ8QW</b>	<b>158.0</b>	-1.4	0.5	<b>152.2</b>	0.0	0.7	<b>337.6</b>	-0.6	0.4	<b>190.2</b>	-0.8	0.5	<b>386.8</b>	0.2	0.6	
<b>XYLX2</b>	<b>167.3</b>	-0.9	0.5	<b>143.6</b>	-0.8	0.3	<b>320.4</b>	-1.1	0.1	<b>187.8</b>	-0.9	0.1	<b>384.9</b>	0.1	0.2	
<b>YMUNY2</b>	<b>185.4</b>	0.0	1.5	<b>139.8</b>	-1.1	0.6	<b>331.4</b>	-0.8	2.3	<b>387.2</b>	11.8X	54.2	<b>335.1</b>	-1.4	0.2	
<b>ZLTRUJ</b>	<b>201.2</b>	0.8	1.3	<b>157.0</b>	0.4	1.0	<b>387.2</b>	0.7	0.7	<b>210.7</b>	0.5	1.4	<b>388.3</b>	0.2	1.9	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	185.6			152.6			361.2			202.4			380.5			
<b>Median Abs Dev</b>	13.6			8.0			24.8			9.1			14.6			
<b>Avg Within Lab SD</b>	4.9			5.3			10.2			6.4			10.9			
<b>Labs Included</b>	34			33			34			33			34			
<b>Labs Reporting</b>	34			34			34			34			34			



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### Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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
7M8PL2	12.8	-0.2	0.2	14.3	0.0	0.1	308.2	0.0	0.1	16.7	-0.4	0.1	14.9	-0.3	0.1
7NEMXD	16.8	0.4	1.2	20.6	0.9	0.9	295.0	-0.3	0.1	21.3	0.4	0.9	22.2	1.0	1.0
A2GFDZ	14.1	0.0	0.3	14.5	0.0	0.1	310.7	0.0	0.3	16.1	-0.5	0.4	15.0	-0.2	0.1
BHWMRN	9.0	-0.8		10.0	-0.6	0.5	293.7	-0.3	0.4	14.7	-0.7	1.3	11.7	-0.8	0.3
BZVZ3A	11.2	-0.4	1.0	13.3	-0.2	0.4	304.3	-0.1	0.4	15.1	-0.6	0.2	15.2	-0.2	0.1
CXM8LG	13.5	-0.1	0.2	14.4	0.0	0.1	322.1	0.3	0.4	17.5	-0.2	0.3	16.2	0.0	0.2
F6DC3R	21.0	1.1	1.3	21.7	1.0	1.1	324.0	0.3	0.3	27.0	1.3	1.3	26.7	1.7	0.6
FQAV4D	90.2	11.6X	84.5	90.0	10.6X	60.1	275.2	-0.7	1.1	91.4	11.6X	46.4	91.6	12.6X	64.0
GA7D3L	26.3	1.9	1.0	26.3	1.7	0.3	187.0	-2.5	0.4	25.0	1.0	1.4	27.7	1.9	1.3
H7HV72	16.8	0.4	0.4	21.3	1.0	2.9	178.7	-2.6	0.1	21.2	0.3	1.2	20.0	0.6	0.3
HMNLFX	14.7	0.1	0.4	15.7	0.2	0.3	293.3	-0.3	0.2	16.3	-0.4	0.2	15.7	-0.1	0.3
JGERWL	14.0	0.0	0.4	14.0	-0.1	0.2	355.4	0.9	0.2	20.2	0.2	0.5	15.4	-0.2	1.1
MWWNA 7	27.9	2.1	2.6	27.0	1.8	2.3	371.7	1.3	0.7	32.1	2.1	0.8	29.2	2.2	3.0
N7FGZT	6.5	-1.2	0.0	8.8	-0.8	0.0	349.2	0.8	0.1	10.1	-1.4	0.1	9.7	-1.1	0.1
NBQVXD	12.2	-0.3	0.3	14.1	-0.1	0.1	306.5	0.0	0.2	18.7	0.0	0.8	13.4	-0.5	0.2
NYE3D8	14.7	0.1	0.0	16.5	0.3	0.5	365.4	1.1	0.4	21.3	0.4	0.4	18.4	0.3	0.2
PNB8U2	16.0	0.3	0.0	26.5	1.7	0.6	353.5	0.9	0.2	24.3	0.9	0.5	18.4	0.3	0.1
RA6HPH	12.3	-0.3	0.4	16.3	0.3	1.7	311.3	0.0	0.3	17.0	-0.3		18.3	0.3	1.2
RCF7LB	32.7	2.8	0.4	30.0	2.2	0.5	302.3	-0.1	0.2	24.0	0.8	1.3	26.3	1.7	0.3
TZVTP8	27.6	2.1	1.3	34.1	2.8	1.3	336.0	0.5	0.4	32.3	2.1	1.0	26.8	1.8	1.8
UF6GDD	15.8	0.3	0.0	14.9	0.1	0.0	307.7	0.0	0.0	19.0	0.0		16.6	0.0	0.0
V63J3H	14.5	0.1	0.2	14.0	-0.1	0.6	380.2	1.4	3.4	24.9	0.9	0.4	16.4	0.0	0.9
VYQ8QW	9.5	-0.7	0.2	12.6	-0.3	0.2	309.6	0.0	0.2	15.0	-0.6	0.2	15.2	-0.2	0.3
XTY LX2	9.0	-0.8	0.3	10.6	-0.5	0.2	287.5	-0.4	0.0	12.2	-1.1	0.1	12.2	-0.7	0.2
YMUNY2	11.0	-0.5	3.1	11.0	-0.5	1.6	215.4	-1.9	3.4	19.0	0.0	3.2	12.3	-0.7	2.2



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910		
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>ZLTRUJ</b>	<b>13.0</b>	-0.2	0.0	<b>14.0</b>	-0.1	0.5	<b>337.4</b>	0.6	0.1	<b>18.2</b>	-0.1	0.3	<b>16.6</b>	0.0	1.0

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg			
SRS1906		SRS1907		SRS1908		SRS1909		SRS1910	
<b>Grand Median</b>	14.1	14.5	308.9	19.0	16.4				
<b>Median Abs Dev</b>	2.8	2.0	18.5	2.9	2.1				
<b>Avg Within Lab SD</b>	1.5	1.9	24.8	2.6	1.9				
<b>Labs Included</b>	25	25	26	25	25				
<b>Labs Reporting</b>	26	26	26	26	26				



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	14.0	-0.1	0.0	15.6	-0.5	0.1	35.6	-0.2	0.1	18.5	-0.6	0.3	7.1	-0.2	0.1	
2FHJZD	14.5	0.1	0.0	17.0	0.0	0.1	34.3	-0.5	0.4	20.0	0.1	0.0	7.8	0.0	0.1	
7M8PL2	15.4	0.4	0.1	17.1	0.1	0.1	38.2	0.5	0.1	19.7	0.0	0.3	7.5	-0.1	0.2	
7NEMXD	14.9	0.2	0.1	18.2	0.5	0.1	40.4	1.0	0.2	20.2	0.3	0.2	11.0	1.0	0.1	
A2GFDZ	15.2	0.3	0.2	17.4	0.2	0.3	37.1	0.2	0.2	19.7	0.0	0.5	7.2	-0.2	1.1	
BHWMRN	12.7	-0.6	0.2	13.7	-1.3	0.2	33.0	-0.8	0.4	16.3	-1.7	0.4	5.0	-0.9		
BZVZ3A	12.6	-0.6	0.2	18.0	0.4	1.1	36.3	0.0	0.2	19.6	0.0	0.2	8.3	0.2	0.2	
CXM8LG	13.3	-0.4	0.1	16.7	-0.1	0.0	36.8	0.1	0.1	19.6	-0.1	0.3	9.5	0.5	0.3	
D3VDRR	14.0	-0.1	0.1	17.2	0.1	0.2	35.9	-0.1	0.4	26.6	3.6X	1.0	14.2	2.1	0.4	
F6DC3R	10.3	-1.5	0.2	13.7	-1.3	0.6	27.7	-2.1	0.2	15.7	-2.1	0.8	6.0	-0.6	0.8	
FQAV4D	35.1	7.6X	3.9	38.6	8.6X	8.0	52.1	3.9X	7.2	37.8	9.3X	12.5	29.9	7.2X	12.9	
GA7D3L	14.7	0.1	0.2	16.0	-0.4	0.7	22.0	-3.6X	1.1	20.0	0.2	1.9	12.3	1.5	0.4	
H2KZFR	16.6	0.8	0.2	17.8	0.4	0.1	35.8	-0.1	0.1	20.2	0.3	0.4	10.3	0.8	0.1	
H7HV72	12.8	-0.6	0.3	15.5	-0.6	0.7	32.9	-0.8	1.5	17.2	-1.3	2.2	6.5	-0.4	1.4	
HMNLFX	13.0	-0.5		14.7	-0.9	0.2	31.0	-1.3	0.4	18.3	-0.7	0.4	7.0	-0.3		
JGERWL	12.2	-0.8	0.2	15.7	-0.5	0.1	38.0	0.4	0.5	19.9	0.1	0.4	8.8	0.3	0.1	
MWWNA 7	14.8	0.2	0.2	17.9	0.4	0.6	38.8	0.6	1.0	19.1	-0.3	1.2	8.7	0.3	0.3	
N7FGZT	12.3	-0.8	0.1	15.3	-0.6	0.1	32.3	-1.0	0.1	16.0	-1.9	0.1	1.4	-2.1	0.1	
NBQVXD	14.5	0.1	0.2	16.8	-0.1	0.7	35.3	-0.2	0.5	20.1	0.2	0.6	7.0	-0.3	0.3	
NYE3D8	19.8	2.0	0.2	22.7	2.3	0.3	44.0	1.9	0.4	23.3	1.9	0.4	12.2	1.4	0.6	
PNB8U2	16.4	0.8	0.0	20.8	1.5	0.0	32.7	-0.9	0.1	20.5	0.4	0.1	9.5	0.5	0.4	
QMXKND	14.3	0.0	0.2	17.3	0.2	0.2	36.2	0.0	0.1	20.0	0.1	0.3	6.6	-0.4	0.2	
RA6HPH	14.3	0.0	0.7	19.3	1.0	0.8	38.7	0.6	0.6	19.3	-0.2	1.7	7.7	0.0	0.4	
RCF7LB	16.3	0.7	0.2	18.7	0.7	0.2	37.0	0.2	1.0	18.3	-0.7	0.4	8.7	0.3	0.4	
TZVTP8	99.1	31.1X	1.3	87.3	27.9X	1.2	149.1	28.1X	0.7	39.9	10.4X	2.3	44.2	11.9X	1.5	



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>UF6GDD</b>	<b>14.6</b>	0.1	0.0	<b>16.9</b>	0.0	0.0	<b>36.7</b>	0.1	0.0	<b>22.9</b>	1.6	0.0	<b>7.8</b>	0.0	0.0	
<b>V63J3H</b>	<b>12.2</b>	-0.8	0.1	<b>14.0</b>	-1.2	0.2	<b>38.0</b>	0.4	0.3	<b>20.3</b>	0.3	0.3	<b>10.6</b>	0.9	0.0	
<b>VYQ8QW</b>	<b>5.9</b>	-3.1	0.2	<b>13.2</b>	-1.5	0.3	<b>39.1</b>	0.7	0.3	<b>21.0</b>	0.7	0.2	<b>3.8</b>	-1.3	0.4	
<b>XTYLX2</b>	<b>12.3</b>	-0.7	0.1	<b>15.9</b>	-0.4	0.1	<b>31.5</b>	-1.2	0.1	<b>19.2</b>	-0.2	0.3	<b>7.1</b>	-0.2	0.1	
<b>YMUNY2</b>	<b>21.3</b>	2.6	5.1	<b>21.7</b>	1.9	4.8	<b>44.5</b>	2.0	4.6	<b>15.5</b>	-2.2	3.3	<b>13.4</b>	1.8	4.5	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	<b>Grand Median</b>	14.3			16.9			36.3			19.7			7.82		
<b>Median Abs Dev</b>	1.4			1.3			1.9			0.6			1.26			
<b>Avg Within Lab SD</b>	3.4			2.7			2.7			1.4			1.32			
<b>Labs Included</b>	28			28			27			27			28			
<b>Labs Reporting</b>	30			30			30			30			30			



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>A2GFDZ</b>	<b>207.3</b>	0.1	0.2	<b>375.0</b>	0.1	0.4	<b>290.7</b>	0.4	0.6	<b>1,488.0</b>	-0.1	0.4	<b>696.7</b>	-0.4	0.6
<b>BZVZ3A</b>	<b>164.2</b>	-1.6	1.3	<b>363.4</b>	-0.3	0.4	<b>156.3</b>	-1.1	1.3	<b>1,469.0</b>	-0.3	0.7	<b>699.6</b>	-0.3	0.1
<b>CXM8LG</b>	<b>214.8</b>	0.4	0.6	<b>377.7</b>	0.2	0.4	<b>289.7</b>	0.3	0.5	<b>1,457.9</b>	-0.4	0.1	<b>696.1</b>	-0.4	1.1
<b>GA7D3L</b>	<b>106.0</b>	-3.9X	0.4	<b>365.7</b>	-0.3	0.4	<b>266.0</b>	0.1	0.5	<b>1,601.7</b>	0.8	0.4	<b>771.0</b>	0.9	1.2
<b>HMNLFX</b>	<b>210.0</b>	0.2		<b>421.7</b>	2.0	0.2	<b>268.3</b>	0.1	0.2	<b>1,600.0</b>	0.8		<b>760.0</b>	0.7	0.8
<b>JGERWL</b>	<b>204.8</b>	0.0	0.1	<b>360.1</b>	-0.5	0.6	<b>113.9</b>	-1.6	0.3	<b>1,573.7</b>	0.6	0.1	<b>700.5</b>	-0.3	0.5
<b>MWWNA</b> <b>7</b>	<b>197.0</b>	-0.3	0.5	<b>372.0</b>	0.0	3.1	<b>173.9</b>	-0.9	2.3	<b>1,730.0</b>	1.9	1.6	<b>778.5</b>	1.0	2.5
<b>N7FGZT</b>	<b>222.7</b>	0.7	0.1	<b>407.6</b>	1.4	0.1	<b>317.3</b>	0.7	0.2	<b>1,476.3</b>	-0.2	0.2	<b>752.7</b>	0.6	1.0
<b>NBQVXD</b>	<b>205.6</b>	0.0	0.5	<b>356.6</b>	-0.6	0.3	<b>269.7</b>	0.1	0.1	<b>1,475.2</b>	-0.2	0.5	<b>620.5</b>	-1.6	0.9
<b>NYE3D8</b>	<b>229.7</b>	1.0	0.2	<b>413.0</b>	1.6	1.2	<b>338.0</b>	0.9	0.4	<b>1,441.3</b>	-0.5	0.2	<b>785.0</b>	1.1	0.8
<b>PNB8U2</b>	<b>181.4</b>	-0.9	0.0	<b>360.5</b>	-0.5	0.1	<b>249.9</b>	-0.1	0.1	<b>1,299.3</b>	-1.7	0.0	<b>665.8</b>	-0.9	0.3
<b>RA6HPH</b>	<b>160.7</b>	-1.8	2.7	<b>389.7</b>	0.7	0.4	<b>181.3</b>	-0.8	2.3	<b>1,513.3</b>	0.1	0.5	<b>734.7</b>	0.3	0.3
<b>V63J3H</b>	<b>200.6</b>	-0.2	1.2	<b>358.4</b>	-0.5	0.6	<b>226.8</b>	-0.3	0.3	<b>1,635.8</b>	1.1	0.1	<b>681.8</b>	-0.6	0.9
<b>XTY LX2</b>	<b>165.6</b>	-1.6	0.8	<b>310.7</b>	-2.4X	2.5	<b>75.1</b>	-2.0	0.7	<b>1,582.1</b>	0.7	3.0	<b>736.0</b>	0.3	0.9

Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	204.8			372.0			257.9			1,500.7			717.6		
<b>Median Abs Dev</b>	9.9			11.9			46.1			66.2			35.4		
<b>Avg Within Lab SD</b>	12.1			14.3			12.9			65.3			13.1		
<b>Labs Included</b>	13			13			14			14			14		
<b>Labs Reporting</b>	14			14			14			14			14		



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910				
	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		
24M632	0.90	-0.13	0.45	2.65	0.18	0.97	1.46	0.53	0.80	9.11	0.19	0.34	1.48	1.28	0.88		
2FHJZD	1.07	0.58	0.18	2.59	-0.01	0.17	1.29	0.05	0.15	7.77	-1.47	0.34	1.36	0.55	0.20		
7M8PL2	1.07	0.58	0.24	2.27	-1.18	0.22	1.36	0.25	0.10	8.95	-0.01	0.28	1.27	-0.04	0.22		
7NEMXD	0.93	0.00	0.06	2.80	0.74	0.22	1.41	0.39	0.14	9.54	0.72	0.12	1.53	1.58	0.51		
A2GFDZ	0.97	0.18	0.18	2.51	-0.32	0.29	1.28	0.00	0.52	8.81	-0.19	0.57	1.27	-0.04	0.22		
ADLAAP	0.74	-0.84	0.15	2.83	0.84	0.35	1.35	0.20	0.45	7.89	-1.31	1.36	1.54	1.64	0.10		
BHWMRN	1.00	0.29		2.40	-0.70	0.44	1.23	-0.13	0.28	8.07	-1.10	0.45	1.27	-0.06	0.36		
BZVZ3A	0.84	-0.39	0.52	2.42	-0.63	0.22	1.07	-0.60	0.13	8.66	-0.37	0.33	1.17	-0.64	0.07		
CXM8LG	0.96	0.12	0.16	2.58	-0.06	0.13	1.40	0.37	0.03	8.77	-0.23	0.19	1.35	0.45	0.18		
D3VDRR	0.63	-1.28	0.19	2.55	-0.18	0.18	1.10	-0.51	0.20	9.84	1.10	0.35	1.19	-0.52	0.20		
F6DC3R	0.75	-0.78	0.66	2.52	-0.26	0.38	1.09	-0.54	0.53	9.38	0.52	1.86	1.12	-0.96	1.17		
FQAV4D	9.46	36.55X	5.71	14.45	42.44X	5.47	16.02	43.04X	4.96	4.35	-5.70X	2.67	11.56	64.61X	9.17		
GA7D3L	1.77	3.58X	0.33	3.43	3.00	0.25	2.17	2.60	0.28	8.70	-0.32	0.59	2.07	4.97X	0.36		
H2KZFR	0.86	-0.32	0.07	2.52	-0.29	0.04	1.23	-0.13	0.22	8.74	-0.27	0.05	1.23	-0.31	0.10		
H7HV72	1.30	1.58	1.00	3.93	4.79X	6.71	2.00	2.11	0.84	8.13	-1.02	0.17	1.67	2.45	0.36		
HMNLFX	0.84	-0.39	0.31	2.20	-1.42	0.00	1.10	-0.52	0.00	8.23	-0.89	0.45	1.30	0.15	0.00		
JGERWL	1.07	0.59	0.20	2.64	0.15	0.27	1.57	0.87	0.15	8.85	-0.14	0.16	1.36	0.53	0.23		
MWWNA 7	0.99	0.26	0.60	2.62	0.08	1.16	1.36	0.24	0.07	9.03	0.09	2.05	1.41	0.86	0.59		
N7FGZT	0.85	-0.35	0.03	2.71	0.42	0.11	1.20	-0.22	0.02	10.27	1.62	1.37	1.28	0.01	0.09		
NBQVXD				2.77	0.61	0.65	1.28	0.00	0.90	10.69	2.14	3.38	1.17	-0.69	0.31		
NYE3D8	0.94	0.02	0.03	2.72	0.44	0.47	1.41	0.38	0.27	8.98	0.03	0.33	1.47	1.20	0.31		
PNB8U2	0.79	-0.61	0.06	2.66	0.24	0.03	1.13	-0.42	0.06	8.98	0.02	0.05	1.21	-0.43	0.04		
RA6HPH	0.70	-0.99	0.00	2.60	0.01	0.00	1.00	-0.81		9.27	0.38	0.45	1.23	-0.27	0.36		
RCF7LB	0.97	0.15	0.33	2.87	0.97	0.91	1.10	-0.52	0.00	10.23	1.58	1.19	1.30	0.15	0.00		
TZVTP8	1.57	2.71	0.22	3.04	1.60	0.26	2.11	2.44	0.46	7.35	-1.98	0.51	1.27	-0.01	0.48		





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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>UF6GDD</b>	<b>0.82</b>	-0.48	0.00	<b>2.37</b>	-0.81	0.00	<b>1.12</b>	-0.46	0.00	<b>9.00</b>	0.05		<b>1.12</b>	-0.98	0.00	
<b>V63J3H</b>	<b>1.14</b>	0.89	0.12	<b>2.83</b>	0.84	0.21	<b>1.74</b>	1.36	0.09	<b>9.14</b>	0.23	0.40	<b>1.50</b>	1.43	0.27	
<b>VYQ8QW</b>	<b>0.62</b>	-1.35	0.58	<b>2.28</b>	-1.12	0.18	<b>0.87</b>	-1.19	0.41	<b>8.22</b>	-0.92	0.52	<b>1.09</b>	-1.20	0.46	
<b>XTYLX2</b>	<b>0.80</b>	-0.55	0.13	<b>2.52</b>	-0.26	0.03	<b>1.03</b>	-0.72	0.05	<b>8.96</b>	0.01	0.15	<b>1.21</b>	-0.39	0.16	
<b>YMUNY2</b>	<b>1.35</b>	1.81	4.78	<b>2.18</b>	-1.50	4.82	<b>1.62</b>	1.02	4.93	<b>5.04</b>	-4.84X	5.80	<b>1.29</b>	0.08	4.88	

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>	0.93			2.60			1.28			8.96			1.28			
<b>Median Abs Dev</b>	0.13			0.15			0.17			0.30			0.08			
<b>Avg Within Lab SD</b>	0.17			0.23			0.21			0.34			0.16			
<b>Labs Included</b>	27			28			29			28			28			
<b>Labs Reporting</b>	29			30			30			30			30			



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	120.2	0.9	0.1	150.0	-0.4	0.2	178.9	0.6	0.1	52.4	-0.7	0.0	118.7	0.1	0.3	
2FHJZD	107.3	-0.3	0.6	110.7	-1.7	0.3	156.7	-0.6	0.4	53.7	-0.5	0.2	99.3	-0.9	0.4	
7M8PL2	103.1	-0.6	1.2	104.0	-2.0	0.4	160.4	-0.4	0.9	53.3	-0.6	0.5	93.6	-1.2	0.2	
A2GFDZ	114.3	0.4	0.4	181.0	0.7	1.2	182.0	0.8	1.5	56.4	0.0	0.0	115.0	-0.1	0.4	
ADLAAP	110.2	0.0	0.3	158.7	0.0	0.1	167.6	0.0	0.2	48.9	-1.4	0.1	152.9	2.0	0.7	
BHWMRN	93.3	-1.5	0.8	107.0	-1.9	0.2	122.7	-2.4	0.7	44.7	-2.1	0.1	78.7	-2.0	0.8	
BZVZ3A	101.6	-0.8	0.2	171.4	0.4	0.5	156.1	-0.6	0.8	62.5	1.0	0.3	116.2	0.0	0.3	
CXM8LG	117.9	0.7	0.1	184.8	0.9	0.5	183.1	0.8	0.2	59.1	0.5	0.1	116.3	0.0	0.4	
D3VDRR	110.1	0.0	0.1	150.5	-0.3	0.2	172.3	0.3	0.7	59.9	0.6	0.1	124.5	0.4	0.4	
F6DC3R	112.9	0.2	2.7	158.8	0.0	1.2	105.7	-3.3X	0.9	68.6	2.1	0.4	90.6	-1.4	0.6	
FQAV4D	95.6	-1.3	1.6	140.6	-0.7	3.0	148.7	-1.0	2.7	47.3	-1.6	0.6	108.4	-0.4	2.1	
GA7D3L	184.7	6.6X	0.9	151.7	-0.3	1.0	177.3	0.5	0.8	49.7	-1.2	0.3	107.0	-0.5	0.8	
H2KZFR	117.8	0.7	0.3	157.6	-0.1	0.5	175.7	0.4	0.6	56.5	0.0	0.0	117.1	0.0	1.0	
H7HV72	103.7	-0.6	0.3	149.3	-0.4	0.6	165.3	-0.1	0.7	55.3	-0.2	0.1	114.7	-0.1	0.3	
HMNLFX	110.0	0.0		166.7	0.2	0.7	160.0	-0.4		59.0	0.4	0.1	125.0	0.5	1.3	
JGERWL	118.3	0.7	0.2	182.5	0.8	0.2	186.8	1.0	0.7	56.0	-0.1	0.1	118.3	0.1	0.4	
MWWNA 7	102.1	-0.7	2.5	148.0	-0.4	2.0	178.0	0.6	1.3	54.2	-0.4	0.7	101.2	-0.8	3.0	
N7FGZT	126.1	1.4	0.2	190.7	1.1	0.1	196.7	1.6	0.2	63.0	1.1	0.1	132.1	0.9	0.5	
NBQVXD	110.6	0.0	0.2	153.4	-0.2	1.5	155.7	-0.6	0.5	57.9	0.2	0.1	96.1	-1.1	0.3	
NYE3D8	122.0	1.1	1.0	152.3	-0.3	0.6	184.0	0.9	0.3	54.3	-0.4	0.2	123.3	0.4	1.6	
PNB8U2	116.4	0.6	0.2	190.8	1.1	0.2	172.9	0.3	0.1	59.3	0.5	0.0	129.9	0.7	0.3	
RA6HPH	107.0	-0.3	0.5	175.3	0.5	0.7	161.3	-0.3	0.2	57.3	0.1	0.2	117.3	0.1	0.4	
RCF7LB	138.3	2.5	2.0	226.0	2.3	1.1	194.3	1.4	2.2	74.7	3.2X	0.1	149.3	1.8	2.0	
TZVTP8	130.6	1.8	0.5	183.1	0.8	0.7	193.7	1.4	0.7	57.2	0.1	0.2	136.7	1.1	0.9	
UF6GDD	105.8	-0.4	0.0	176.0	0.6		158.4	-0.5	0.0	66.9	1.8	0.0	106.8	-0.5	0.0	



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>V63J3H</b>	<b>106.7</b>	-0.3	0.2	<b>167.5</b>	0.3	1.0	<b>167.5</b>	0.0	0.3	<b>56.6</b>	0.0	0.1	<b>102.5</b>	-0.8	0.6	
<b>VYQ8QW</b>	<b>101.3</b>	-0.8	0.6	<b>175.7</b>	0.5	1.5	<b>163.2</b>	-0.2	0.5	<b>56.9</b>	0.0	0.1	<b>129.4</b>	0.7	0.6	
<b>XTYLX2</b>	<b>113.1</b>	0.3	0.3	<b>177.9</b>	0.6	0.0	<b>160.2</b>	-0.4	0.2	<b>59.6</b>	0.5	0.1	<b>128.8</b>	0.7	0.6	
<b>YMUNY2</b>	<b>109.1</b>	-0.1	1.4	<b>160.1</b>	0.0	0.9	<b>157.8</b>	-0.5	2.2	<b>54.3</b>	-0.4	5.1	<b>111.9</b>	-0.2	1.0	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	110.2			160.1			167.6			56.6			116.3			
<b>Median Abs Dev</b>	6.8			15.3			10.1			2.6			9.5			
<b>Avg Within Lab SD</b>	4.0			4.3			5.8			6.7			4.0			
<b>Labs Included</b>	28			29			28			28			29			
<b>Labs Reporting</b>	29			29			29			29			29			



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>24M632</b>	<b>42.0</b>	0.2	0.2	<b>251.0</b>	-0.7	0.1	<b>29.7</b>	0.5	0.6	<b>234.5</b>	-0.9	0.5	<b>135.0</b>	0.5	0.0
<b>2FHJZD</b>	<b>47.0</b>	0.9	1.4	<b>263.0</b>	-0.3	0.4	<b>31.3</b>	0.8	0.6	<b>228.0</b>	-1.0	0.3	<b>133.3</b>	0.4	0.4
<b>7M8PL2</b>	<b>45.9</b>	0.8	0.8	<b>236.7</b>	-1.2	0.4	<b>32.4</b>	1.0	0.9	<b>233.5</b>	-0.9	0.5	<b>131.5</b>	0.2	1.3
<b>A2GFDZ</b>	<b>37.0</b>	-0.5	0.9	<b>272.3</b>	0.0	1.1	<b>23.0</b>	-0.7	0.8	<b>279.0</b>	0.1	0.4	<b>123.0</b>	-0.3	1.0
<b>ADLAAP</b>	<b>55.8</b>	2.2	0.1	<b>314.7</b>	1.5	0.7	<b>38.7</b>	2.1	2.8	<b>252.3</b>	-0.5	0.2	<b>160.3</b>	2.0	0.7
<b>BHWMRN</b>	<b>34.0</b>	-0.9	0.7	<b>211.0</b>	-2.1	0.7	<b>19.0</b>	-1.4	0.6	<b>213.3</b>	-1.4	0.9	<b>103.3</b>	-1.5	0.7
<b>BZVZ3A</b>	<b>41.4</b>	0.2	0.2	<b>269.5</b>	-0.1	1.0	<b>24.5</b>	-0.4	0.3	<b>297.4</b>	0.5	1.0	<b>126.9</b>	0.0	0.2
<b>CXM8LG</b>	<b>40.3</b>	0.0	1.1	<b>268.0</b>	-0.1	0.7	<b>26.1</b>	-0.1	0.3	<b>263.7</b>	-0.2	0.1	<b>125.6</b>	-0.1	0.5
<b>D3VDRR</b>	<b>38.6</b>	-0.2	0.7	<b>254.9</b>	-0.6	1.5	<b>24.5</b>	-0.4	0.2	<b>235.2</b>	-0.9	0.0	<b>112.9</b>	-0.9	0.2
<b>F6DC3R</b>	<b>28.5</b>	-1.6	2.0	<b>230.1</b>	-1.4	0.2	<b>18.6</b>	-1.4	0.3	<b>323.7</b>	1.1	1.0	<b>101.7</b>	-1.6	0.7
<b>FQAV4D</b>	<b>37.3</b>	-0.4	2.6	<b>257.7</b>	-0.5	3.4	<b>21.2</b>	-1.0	2.0	<b>217.4</b>	-1.3	3.0	<b>114.8</b>	-0.8	2.1
<b>GA7D3L</b>	<b>35.7</b>	-0.6	1.0	<b>250.0</b>	-0.7	0.8	<b>31.3</b>	0.8	0.9	<b>221.3</b>	-1.2	0.3	<b>123.3</b>	-0.3	1.4
<b>H2KZFR</b>	<b>39.8</b>	-0.1	0.1	<b>258.1</b>	-0.5	0.4	<b>29.4</b>	0.5	0.1	<b>226.3</b>	-1.1	0.2	<b>127.6</b>	0.0	0.6
<b>H7HV72</b>	<b>50.3</b>	1.4	0.8	<b>279.3</b>	0.3	0.9	<b>35.3</b>	1.5	0.3	<b>240.7</b>	-0.8	0.6	<b>138.7</b>	0.7	0.7
<b>HMNLFX</b>	<b>48.3</b>	1.1	0.4	<b>313.3</b>	1.4	0.5	<b>29.3</b>	0.5	0.3	<b>316.7</b>	0.9	0.8	<b>146.7</b>	1.2	1.4
<b>JGERWL</b>	<b>37.4</b>	-0.4	0.9	<b>288.4</b>	0.6	0.9	<b>26.0</b>	-0.1	0.5	<b>278.4</b>	0.1	0.5	<b>126.9</b>	0.0	0.3
<b>MWWNA</b>	<b>42.2</b>	0.3	0.5	<b>302.7</b>	1.1	0.5	<b>36.0</b>	1.6	3.0	<b>300.5</b>	0.6	2.7	<b>143.5</b>	1.0	2.3
<b>7</b>															
<b>N7FGZT</b>	<b>38.0</b>	-0.3	0.3	<b>285.8</b>	0.5	0.1	<b>26.9</b>	0.0	0.1	<b>279.4</b>	0.1	0.4	<b>139.4</b>	0.7	0.5
<b>NBQVXD</b>	<b>39.1</b>	-0.2	0.8	<b>266.0</b>	-0.2	0.6	<b>23.9</b>	-0.5	0.2	<b>279.1</b>	0.1	0.4	<b>111.8</b>	-1.0	0.3
<b>NYE3D8</b>	<b>42.7</b>	0.3	0.8	<b>260.3</b>	-0.4	0.6	<b>32.0</b>	0.9	0.6	<b>252.7</b>	-0.5	1.5	<b>138.0</b>	0.6	0.4
<b>PNB8U2</b>	<b>40.2</b>	0.0	0.2	<b>271.6</b>	0.0	0.3	<b>25.1</b>	-0.3	0.1	<b>254.5</b>	-0.5	0.2	<b>125.3</b>	-0.1	0.3
<b>RA6HPH</b>	<b>41.0</b>	0.1	0.7	<b>279.3</b>	0.3	0.9	<b>24.7</b>	-0.4	0.3	<b>274.7</b>	0.0	1.0	<b>128.3</b>	0.0	0.4
<b>RCF7LB</b>	<b>45.0</b>	0.7		<b>279.0</b>	0.3	0.7	<b>28.7</b>	0.3	0.3	<b>351.7</b>	1.7	1.5	<b>145.7</b>	1.1	0.8
<b>TZVTP8</b>	<b>28.5</b>	-1.6	0.2	<b>304.7</b>	1.1	1.0	<b>9.8</b>	-3.0X	1.6	<b>292.1</b>	0.4	0.4	<b>138.5</b>	0.7	1.9
<b>UF6GDD</b>	<b>47.2</b>	1.0	0.0	<b>303.4</b>	1.1	0.0	<b>29.2</b>	0.4	0.0	<b>333.0</b>	1.3		<b>120.9</b>	-0.4	0.0



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>V63J3H</b>	<b>37.2</b>	-0.4	1.0	<b>273.5</b>	0.1	0.5	<b>24.4</b>	-0.4	0.2	<b>283.4</b>	0.2	0.3	<b>115.3</b>	-0.8	0.5	
<b>VYQ8QW</b>	<b>47.3</b>	1.0	0.2	<b>312.9</b>	1.4	0.6	<b>30.7</b>	0.7	0.4	<b>295.5</b>	0.5	0.5	<b>152.4</b>	1.5	0.7	
<b>XTYLX2</b>	<b>54.3</b>	1.9	0.6	<b>303.9</b>	1.1	0.9	<b>26.6</b>	0.0	0.6	<b>298.0</b>	0.5	0.4	<b>138.7</b>	0.7	1.0	
<b>YMUNY2</b>	<b>38.3</b>	-0.3	2.3	<b>265.5</b>	-0.2	1.9	<b>26.5</b>	0.0	1.3	<b>263.9</b>	-0.2	0.8	<b>120.2</b>	-0.5	1.7	

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	40.3			271.6			26.8			274.7			127.6			
<b>Median Abs Dev</b>	3.1			14.2			2.7			23.4			10.8			
<b>Avg Within Lab SD</b>	1.5			5.5			1.8			7.3			4.0			
<b>Labs Included</b>	29			29			28			29			29			
<b>Labs Reporting</b>	29			29			29			29			29			



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>24M632</b>	<b>1.10</b>	0.03	1.00	<b>1.54</b>	-0.41	0.47	<b>3.44</b>	0.52	1.53	<b>5.32</b>	-0.25	0.51	<b>1.44</b>	0.65	1.23
<b>2FHJZD</b>	<b>1.29</b>	1.49	0.37	<b>1.52</b>	-0.50	0.79	<b>3.23</b>	-0.04	0.63	<b>4.83</b>	-1.20	0.42	<b>1.45</b>	0.68	1.11
<b>7M8PL2</b>	<b>1.16</b>	0.50	0.69	<b>1.38</b>	-1.07	0.67	<b>3.57</b>	0.85	0.23	<b>4.87</b>	-1.13	0.89	<b>1.27</b>	-0.16	0.22
<b>7NEMXD</b>	<b>1.14</b>	0.36	1.01	<b>1.94</b>	1.30	0.32	<b>3.54</b>	0.78	0.59	<b>6.15</b>	1.35	0.24	<b>1.67</b>	1.74	0.69
<b>A2GFDZ</b>	<b>1.10</b>	0.05	0.66	<b>1.77</b>	0.60	0.63	<b>3.01</b>	-0.62	0.71	<b>5.39</b>	-0.13	0.34	<b>1.34</b>	0.19	0.46
<b>ADLAAP</b>	<b>1.04</b>	-0.47	0.40	<b>1.77</b>	0.60	0.12	<b>3.52</b>	0.73	2.79	<b>5.37</b>	-0.16	0.23	<b>1.55</b>	1.16	0.51
<b>BHWMRN</b>	<b>1.03</b>	-0.50	0.92	<b>1.40</b>	-1.00	0.00	<b>2.67</b>	-1.55	0.63	<b>4.67</b>	-1.53	0.42	<b>1.17</b>	-0.65	1.27
<b>BZVZ3A</b>	<b>1.26</b>	1.28	0.83	<b>1.77</b>	0.60	0.42	<b>3.04</b>	-0.54	1.16	<b>5.45</b>	0.00	0.61	<b>1.25</b>	-0.24	0.13
<b>CXM8LG</b>	<b>1.05</b>	-0.36	0.28	<b>1.65</b>	0.08	0.38	<b>3.25</b>	0.00	0.28	<b>5.52</b>	0.13	0.62	<b>1.32</b>	0.10	0.13
<b>D3VDRR</b>	<b>1.30</b>	1.56	0.40	<b>2.00</b>	1.59	0.69	<b>3.60</b>	0.94	0.68	<b>6.25</b>	1.54	0.30	<b>1.66</b>	1.68	0.64
<b>F6DC3R</b>	<b>1.08</b>	-0.13	1.42	<b>1.84</b>	0.90	0.71	<b>2.82</b>	-1.14	0.71	<b>5.70</b>	0.47	0.44	<b>1.23</b>	-0.33	0.77
<b>FQAV4D</b>	<b>0.84</b>	-1.98X	3.34	<b>1.41</b>	-0.94	2.04	<b>2.11</b>	-3.04X	3.50	<b>5.33</b>	-0.25	4.05	<b>0.93</b>	-1.76X	9.81
<b>GA7D3L</b>	<b>1.07</b>	-0.23	0.92	<b>1.60</b>	-0.14	1.04	<b>3.50</b>	0.67	1.09	<b>5.10</b>	-0.69	0.72	<b>1.13</b>	-0.81	1.27
<b>H2KZFR</b>	<b>1.02</b>	-0.57	0.24	<b>1.47</b>	-0.70	0.21	<b>3.25</b>	0.00	1.11	<b>4.80</b>	-1.27	0.11	<b>1.28</b>	-0.10	0.13
<b>H7HV72</b>	<b>1.17</b>	0.55	0.92	<b>1.70</b>	0.29	4.16	<b>3.50</b>	0.67		<b>5.13</b>	-0.62	0.83	<b>1.33</b>	0.14	1.27
<b>HMNLFX</b>	<b>1.17</b>	0.55	0.92	<b>1.63</b>	0.00	0.60	<b>2.97</b>	-0.75	0.63	<b>5.50</b>	0.09	0.72	<b>1.40</b>	0.46	0.00
<b>JGERWL</b>	<b>0.99</b>	-0.80	0.19	<b>1.49</b>	-0.60	0.18	<b>3.35</b>	0.27	0.34	<b>5.71</b>	0.50	0.26	<b>1.21</b>	-0.46	0.67
<b>MWWNA</b>	<b>1.39</b>	2.32	3.69	<b>1.87</b>	1.02	0.45	<b>3.67</b>	1.14	1.82	<b>5.65</b>	0.37	1.48	<b>1.65</b>	1.67	3.44
<b>7</b>															
<b>N7FGZT</b>	<b>1.19</b>	0.76	0.32	<b>1.91</b>	1.19	0.40	<b>3.67</b>	1.13	0.59	<b>6.27</b>	1.57	0.33	<b>1.48</b>	0.83	1.09
<b>NBQVXD</b>	<b>1.10</b>	0.00	1.76	<b>1.54</b>	-0.41	0.48	<b>2.89</b>	-0.94	1.48	<b>5.39</b>	-0.13	1.56	<b>1.08</b>	-1.06	0.58
<b>NYE3D8</b>	<b>1.19</b>	0.70	0.46	<b>1.80</b>	0.70	1.15	<b>3.71</b>	1.24	0.80	<b>5.82</b>	0.70	1.16	<b>1.58</b>	1.33	0.25
<b>PNB8U2</b>	<b>1.10</b>	0.00	0.18	<b>1.88</b>	1.06	0.10	<b>3.08</b>	-0.44	0.13	<b>5.23</b>	-0.43	0.18	<b>1.26</b>	-0.19	0.55
<b>RA6HPH</b>	<b>1.13</b>	0.29	0.92	<b>1.77</b>	0.57	0.60	<b>3.00</b>	-0.66		<b>5.87</b>	0.80	0.42	<b>1.50</b>	0.94	
<b>RCF7LB</b>	<b>0.90</b>	-1.54	0.00	<b>1.33</b>	-1.29	0.60	<b>3.23</b>	-0.04	0.63	<b>6.17</b>	1.38	1.10	<b>1.07</b>	-1.13	1.27
<b>TZVTP8</b>	<b>1.02</b>	-0.60	0.50	<b>1.49</b>	-0.60	0.28	<b>3.36</b>	0.29	1.07	<b>5.18</b>	-0.53	0.37	<b>1.15</b>	-0.71	0.73



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>UF6GDD</b>	<b>1.02</b>	-0.60	0.00	<b>1.58</b>	-0.23	0.00	<b>2.99</b>	-0.69	0.00	<b>5.62</b>	0.32	0.00	<b>1.17</b>	-0.63	0.00	
<b>V63J3H</b>	<b>0.97</b>	-1.03	0.18	<b>1.52</b>	-0.50	0.24	<b>3.02</b>	-0.60	0.41	<b>5.45</b>	0.00	0.37	<b>1.21</b>	-0.46	0.67	
<b>VYQ8QW</b>	<b>1.00</b>	-0.78	0.30	<b>1.78</b>	0.63	0.17	<b>3.47</b>	0.59	0.78	<b>6.41</b>	1.86	0.55	<b>1.37</b>	0.29	0.58	
<b>XTYLX2</b>	<b>0.99</b>	-0.86	0.18	<b>1.63</b>	-0.03	0.24	<b>2.86</b>	-1.04	0.23	<b>5.38</b>	-0.14	0.29	<b>1.28</b>	-0.10	0.51	
<b>YMUNY2</b>	<b>0.78</b>	-2.48X	1.46	<b>1.14</b>	-2.13X	0.30	<b>2.22</b>	-2.73X	1.69	<b>3.93</b>	-2.95X	1.14	<b>0.89</b>	-1.97X	1.49	

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	1.10			1.63			3.25			5.45			1.30			
<b>Median Abs Dev</b>	0.07			0.14			0.25			0.26			0.13			
<b>Avg Within Lab SD</b>	0.06			0.10			0.09			0.14			0.05			
<b>Labs Included</b>	28			29			28			29			28			
<b>Labs Reporting</b>	30			30			30			30			30			



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>24M632</b>	<b>0.85</b>	0.13	0.03	<b>1.04</b>	-0.20	0.25	<b>1.94</b>	0.00	0.15	<b>0.59</b>	-0.13	0.07	<b>0.56</b>	0.46	0.04	
<b>7M8PL2</b>	<b>0.82</b>	0.02	0.21	<b>1.35</b>	1.16	0.21	<b>2.19</b>	0.70	0.27	<b>0.81</b>	0.75	0.33	<b>0.60</b>	0.69	0.14	
<b>A2GFDZ</b>	<b>0.79</b>	-0.10	0.20	<b>1.00</b>	-0.38	0.29	<b>1.99</b>	0.13	0.17	<b>0.67</b>	0.19	1.43	<b>0.39</b>	-0.46	0.42	
<b>BHWMRN</b>	<b>1.07</b>	0.90	0.21	<b>1.23</b>	0.65	0.47	<b>1.93</b>	-0.01	0.70	<b>0.77</b>	0.59	0.75	<b>0.73</b>	1.43	0.47	
<b>CXM8LG</b>	<b>0.78</b>	-0.12	0.08	<b>1.05</b>	-0.17	0.30	<b>2.00</b>	0.17	0.07	<b>0.51</b>	-0.43	0.27	<b>0.45</b>	-0.14	0.09	
<b>D3VDRR</b>	<b>0.53</b>	-1.05	0.08	<b>1.17</b>	0.39	0.15	<b>1.31</b>	-1.74	0.03	<b>0.67</b>	0.22	0.20	<b>0.45</b>	-0.14	0.08	
<b>F6DC3R</b>	<b>0.68</b>	-0.48	0.06	<b>0.99</b>	-0.42	0.34	<b>1.64</b>	-0.81	0.33	<b>0.53</b>	-0.38	0.91	<b>0.44</b>	-0.19	0.21	
<b>GA7D3L</b>	<b>0.63</b>	-0.69	0.13	<b>1.06</b>	-0.12	0.38	<b>1.62</b>	-0.88	0.51	<b>0.60</b>	-0.08	1.30	<b>0.48</b>	0.00	0.42	
<b>H2KZFR</b>	<b>0.73</b>	-0.33	0.05	<b>1.03</b>	-0.27	0.29	<b>1.87</b>	-0.20	0.23	<b>0.57</b>	-0.19	0.20	<b>0.45</b>	-0.17	0.05	
<b>H7HV72</b>	<b>1.10</b>	1.02	1.88	<b>2.23</b>	5.13X	1.71	<b>7.97</b>	16.60X	6.98	<b>2.63</b>	8.11X	6.14	<b>3.13</b>	14.78X	1.70	
<b>HMNLFX</b>	<b>0.78</b>	-0.13	0.04	<b>1.30</b>	0.95	0.00	<b>1.50</b>	-1.20		<b>0.98</b>	1.44	0.20	<b>0.69</b>	1.17	0.09	
<b>JGERWL</b>	<b>0.89</b>	0.26	0.09	<b>1.08</b>	-0.03	0.14	<b>2.24</b>	0.83	0.23	<b>0.50</b>	-0.48	0.33	<b>0.51</b>	0.18	0.14	
<b>MWWNA</b> 7	<b>1.40</b>	2.11	4.07	<b>1.40</b>	1.40	3.28	<b>2.03</b>	0.26	1.74	<b>0.70</b>	0.32	1.30	<b>0.60</b>	0.69	1.41	
<b>N7FGZT</b>	<b>0.83</b>	0.06	0.02	<b>1.09</b>	0.03	0.21	<b>2.24</b>	0.82	0.09	<b>0.42</b>	-0.81	0.22	<b>0.44</b>	-0.20	0.00	
<b>NBQVXD</b>	<b>1.43</b>	2.21	0.28	<b>1.28</b>	0.88	1.23	<b>2.33</b>	1.08	1.58							
<b>PNB8U2</b>	<b>1.17</b>	1.29	0.20	<b>1.24</b>	0.68	0.00	<b>2.09</b>	0.42	0.42	<b>0.85</b>	0.91	0.33	<b>0.78</b>	1.67	0.09	
<b>RA6HPH</b>	<b>0.53</b>	-1.02	0.21	<b>0.83</b>	-1.14	0.95	<b>1.57</b>	-1.02	0.70	<b>0.27</b>	-1.42	1.50	<b>0.27</b>	-1.17	1.25	
<b>RCF7LB</b>	<b>0.93</b>	0.42	0.21	<b>1.83</b>	3.34	0.95	<b>1.53</b>	-1.11	1.39	<b>1.50</b>	3.55		<b>1.07</b>	3.28	0.94	
<b>TZVTP8</b>	<b>0.38</b>	-1.56	1.59	<b>0.98</b>	-0.46	2.51	<b>2.07</b>	0.37	3.32	<b>0.19</b>	-1.72	2.98	<b>0.34</b>	-0.76	3.96	
<b>UF6GDD</b>	<b>0.88</b>	0.23	0.00	<b>1.14</b>	0.24	0.00	<b>2.01</b>	0.20	0.00	<b>0.62</b>	0.00	0.00	<b>0.53</b>	0.30	0.00	
<b>V63J3H</b>	<b>0.74</b>	-0.27	0.07	<b>1.00</b>	-0.40	0.39	<b>1.94</b>	0.00	0.07	<b>0.54</b>	-0.32	0.16	<b>0.47</b>	-0.05	0.09	
<b>XTYLX2</b>	<b>0.82</b>	0.00	0.04	<b>1.20</b>	0.51	0.14	<b>1.78</b>	-0.42	0.03	<b>0.63</b>	0.04	0.00	<b>0.60</b>	0.67	0.05	
<b>YMUNY2</b>	<b>0.51</b>	-1.11	0.15	<b>0.86</b>	-1.01	0.72	<b>1.05</b>	-2.44	0.86	<b>0.67</b>	0.21	1.22	<b>0.41</b>	-0.36	0.39	





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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
<b>Grand Median</b>	0.82	1.09	1.94	0.62	0.48	
<b>Median Abs Dev</b>	0.12	0.10	0.21	0.09	0.08	
<b>Avg Within Lab SD</b>	0.28	0.12	0.17	0.08	0.12	
<b>Labs Included</b>	23	22	22	21	21	
<b>Labs Reporting</b>	23	23	23	22	22	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>2FHJZD</b>	<b>0.28</b>	0.81	0.19	<b>0.95</b>	0.90	0.08	<b>0.31</b>	0.20	0.26	<b>3.62</b>	0.67	0.09	<b>0.60</b>	0.39	0.12	
<b>2Q2XZU</b>	<b>0.17</b>	-0.53	0.94	<b>0.63</b>	-0.88	0.47	<b>0.23</b>	-0.52	1.29	<b>2.37</b>	-1.68	0.40	<b>0.33</b>	-1.56	0.71	
<b>3K8X8E</b>	<b>0.20</b>	-0.12	0.00	<b>0.60</b>	-1.07	0.00	<b>0.30</b>	0.08	0.00	<b>2.40</b>	-1.62	0.00	<b>0.40</b>	-1.07	0.00	
<b>3VRMZY</b>	<b>0.15</b>	-0.73	0.65	<b>1.05</b>	1.44	3.27	<b>0.13</b>	-1.47	0.66	<b>3.89</b>	1.17	1.05	<b>0.61</b>	0.46	1.09	
<b>42C7EX</b>	<b>0.18</b>	-0.42	0.36	<b>0.71</b>	-0.46	0.28	<b>0.27</b>	-0.18	0.58	<b>3.55</b>	0.53	0.68	<b>0.63</b>	0.60	0.34	
<b>6ZAD4Q</b>	<b>0.20</b>	-0.12	0.00	<b>0.63</b>	-0.88	0.47	<b>0.23</b>	-0.52	1.29	<b>2.37</b>	-1.68	0.20	<b>0.40</b>	-1.07	0.00	
<b>7M8PL2</b>	<b>0.40</b>	2.30	0.28	<b>0.99</b>	1.10	0.25	<b>0.52</b>	2.02	0.56	<b>3.92</b>	1.23	0.16	<b>0.56</b>	0.12	0.47	
<b>7NEMXD</b>	<b>0.19</b>	-0.28	0.39	<b>0.80</b>	0.07	0.10	<b>0.28</b>	-0.12	0.45	<b>3.41</b>	0.28	0.21	<b>0.63</b>	0.60	0.70	
<b>8NCFMP</b>	<b>0.15</b>	-0.73	0.00	<b>0.78</b>	-0.06	0.08	<b>0.23</b>	-0.55	0.00	<b>3.22</b>	-0.08	0.21	<b>0.43</b>	-0.85	0.12	
<b>92XAFU</b>	<b>0.22</b>	0.08	0.09	<b>0.74</b>	-0.26	0.05	<b>0.32</b>	0.23	0.13	<b>2.73</b>	-0.99	0.10	<b>0.51</b>	-0.29	0.14	
<b>98ZXXG</b>	<b>0.36</b>	1.86	5.27	<b>0.68</b>	-0.64	0.17	<b>0.32</b>	0.24	0.89	<b>2.82</b>	-0.84	0.64	<b>0.55</b>	0.00	0.97	
<b>A78MXT</b>	<b>0.25</b>	0.53	0.19	<b>0.88</b>	0.49	0.20	<b>0.30</b>	0.05	0.34	<b>3.44</b>	0.34	0.25	<b>0.64</b>	0.66	0.07	
<b>AKJYTE</b>				<b>0.76</b>	-0.19	0.12	<b>0.22</b>	-0.67	0.34	<b>3.13</b>	-0.25	0.33	<b>0.48</b>	-0.51	0.07	
<b>ATCA4A</b>	<b>0.18</b>	-0.37	0.03	<b>0.79</b>	-0.01	0.05	<b>0.24</b>	-0.43	0.16	<b>3.11</b>	-0.29	0.02	<b>0.53</b>	-0.10	0.04	
<b>BGZT4W</b>	<b>0.20</b>	-0.12	0.16	<b>0.81</b>	0.11	0.08	<b>0.24</b>	-0.43	0.13	<b>3.29</b>	0.06	0.11	<b>0.51</b>	-0.29	0.19	
<b>C7XA8G</b>	<b>0.20</b>	-0.12	0.07	<b>0.82</b>	0.19	0.18	<b>0.29</b>	0.01	0.36	<b>3.47</b>	0.39	0.34	<b>0.53</b>	-0.10	0.09	
<b>CEREZH</b>	<b>0.16</b>	-0.65	0.09	<b>0.86</b>	0.39	0.00	<b>0.24</b>	-0.43	0.13	<b>3.44</b>	0.33	0.13	<b>0.60</b>	0.39	0.12	
<b>D48QWN</b>	<b>0.17</b>	-0.44	0.19	<b>0.66</b>	-0.75	0.20	<b>0.24</b>	-0.46	0.45	<b>2.95</b>	-0.59	0.62	<b>0.52</b>	-0.19	0.33	
<b>F6DC3R</b>	<b>0.18</b>	-0.36	0.16	<b>0.71</b>	-0.43	0.41	<b>0.24</b>	-0.46	0.98	<b>3.24</b>	-0.04	0.29	<b>0.51</b>	-0.24	0.50	
<b>FQAV4D</b>	<b>0.64</b>	5.27X	8.05	<b>1.16</b>	2.09	1.18	<b>0.50</b>	1.89	1.78	<b>4.46</b>	2.24	3.90	<b>0.87</b>	2.34	1.85	
<b>GEDE84</b>	<b>0.24</b>	0.40	0.38	<b>0.83</b>	0.24	0.25	<b>0.29</b>	-0.01	0.00	<b>3.14</b>	-0.23	0.16	<b>0.68</b>	0.98	0.77	
<b>HVGT2N</b>	<b>0.22</b>	0.14	0.10	<b>0.80</b>	0.05	0.14	<b>0.27</b>	-0.16	0.37	<b>3.10</b>	-0.31	0.20	<b>0.47</b>	-0.59	0.04	
<b>J9JJ2G</b>	<b>0.30</b>	1.05	1.47	<b>1.40</b>	3.44X	0.26	<b>0.38</b>	0.83	3.68	<b>7.16</b>	7.29X	0.89	<b>1.06</b>	3.77X	2.27	
<b>K2YK4G</b>	<b>0.23</b>	0.26	0.21	<b>0.87</b>	0.42	0.11	<b>0.38</b>	0.76	0.40	<b>3.32</b>	0.10	0.83	<b>0.65</b>	0.76	0.30	
<b>KH4MQ9</b>	<b>0.35</b>	1.66	0.25	<b>1.01</b>	1.22	0.17	<b>0.47</b>	1.64	0.34	<b>3.64</b>	0.70	0.14	<b>0.73</b>	1.37	0.31	
<b>KXZ99G</b>	<b>0.19</b>	-0.26	0.36	<b>0.79</b>	-0.02	0.29	<b>0.31</b>	0.13	0.53	<b>3.41</b>	0.27	1.03	<b>0.54</b>	-0.08	0.51	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
NMA8FG	0.23	0.28	0.94	1.03	1.37	0.94	0.30	0.08	0.00	3.77	0.94	2.10	0.60	0.39	1.24	
PAETWT	0.14	-0.90	0.97	0.74	-0.26	0.38	0.20	-0.86	1.92	3.30	0.07	0.00	0.55	0.00	0.68	
PHQ7FA	0.15	-0.76	0.30	0.67	-0.68	0.18	0.23	-0.57	0.39	2.89	-0.70	0.19	0.46	-0.64	0.26	
PNAZHE	0.53	3.94X	0.20	0.95	0.92	0.31	0.56	2.40	0.50	2.80	-0.87	0.60	0.73	1.38	0.11	
PNB8U2	0.16	-0.61	0.00	0.64	-0.84	0.00	0.22	-0.64	0.00	2.66	-1.14	0.02	0.36	-1.37	0.00	
QMXKND	0.32	1.36	0.56	0.95	0.89	0.25	0.40	0.96	0.76	3.31	0.08	0.19	0.60	0.40	0.23	
RZGKYD	0.26	0.66	0.55	0.77	-0.10	0.24	0.32	0.30	0.83	2.97	-0.54	0.21	0.57	0.16	0.03	
UDEHV9	0.21	0.00	0.28	0.74	-0.26	0.57	0.27	-0.22	0.93	3.13	-0.25	0.23	0.52	-0.17	0.57	
UECTQB	0.27	0.70	0.44	0.94	0.82	0.14	0.34	0.44	0.46	4.07	1.51	0.50	0.61	0.46	0.23	
UQ766A	0.23	0.21	0.34	1.05	1.46	0.11	0.37	0.73	0.04	3.81	1.02	0.06	0.55	0.04	0.13	
VMLR8M	0.30	1.09		1.30	2.86		0.40	0.98		6.10	5.31X		0.90	2.59		
XV6PK3	0.27	0.69	0.94	0.77	-0.13	0.47	0.57	2.47	2.59	3.47	0.38	0.20	0.27	-2.05	0.71	
Y4YVE4	0.22	0.09	1.38	0.78	-0.07	0.33	0.28	-0.13	1.80	3.13	-0.24	0.45	0.51	-0.28	0.25	
YMUNY2	0.77	6.77X	7.65	1.24	2.50	5.08	0.92	5.65X	12.99	2.86	-0.75	3.89	0.73	1.35	5.42	
Z4C4F3	0.05	-1.94	0.00	0.65	-0.79	0.16	0.11	-1.59	0.26	3.26	0.00	0.11	0.53	-0.12	0.33	
Z8TQFW	0.05	-1.90	0.25	0.79	0.00	0.08	0.15	-1.26	0.22	4.07	1.51	0.03	0.43	-0.85	0.12	
ZLTRUJ	0.27	0.77	0.09	0.79	0.00	0.16	0.32	0.23	0.13	2.86	-0.76	0.51	0.60	0.42	0.14	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups					Data units: mg/kg	
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
Grand Median	0.21	0.79	0.29	3.26	0.55	
Median Abs Dev	0.04	0.08	0.05	0.29	0.06	
Avg Within Lab SD	0.06	0.12	0.04	0.29	0.08	
Labs Included	39	42	42	41	42	
Labs Reporting	42	43	43	43	43	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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
3K8X8E	6.7	1.1	1.4	16.0	0.5		4.0	0.4		28.0	-0.6		24.7	0.9	0.9
3VRMZY	3.7	-0.2	1.0	15.9	0.4	1.9	2.7	-0.5	0.6	35.3	1.8	0.7	19.7	0.3	0.7
42C7EX	2.2	-0.9	0.5	8.1	-1.4	0.3	1.7	-1.2	0.5	29.8	0.0	1.5	16.9	-0.1	0.8
6ZAD4Q	1.8	-1.1	0.5	8.7	-1.3	0.5	2.3	-0.7	0.8	25.5	-1.4	0.6	10.2	-0.9	0.3
7M8PL2	3.9	-0.1	0.2	16.8	0.7	0.3	2.9	-0.4	0.1	29.5	-0.1	0.2	15.3	-0.2	0.4
7NEMXD	4.6	0.2	2.2	16.9	0.7	0.3	3.9	0.4	0.3	36.5	2.2	0.5	25.5	1.0	0.2
8NCFMP	2.9	-0.5	0.1	14.2	0.0	0.2	2.4	-0.7	0.2	31.7	0.6	0.8	12.4	-0.6	0.0
92XAFU	2.9	-0.5	0.1	12.0	-0.5		2.5	-0.7	0.4	28.0	-0.6	0.3	12.7	-0.6	0.4
98ZXXG	4.5	0.2	0.8	13.9	0.0	0.4	3.5	0.1	1.1	26.3	-1.1	1.7	22.5	0.6	1.2
A78MXT	4.8	0.3	0.4	14.0	0.0	0.5	4.1	0.5	1.1	29.9	0.0	0.3	23.5	0.7	0.5
AKJYTE	6.3	1.0	1.4	14.6	0.1	1.3	4.5	0.8	1.6	30.0	0.1	0.7	25.1	0.9	1.4
BGZT4W	7.0	1.3	0.0	16.9	0.7	0.0	5.3	1.4	0.3	30.0	0.1	0.1	34.2	2.0	0.3
C7XA8G	4.7	0.2	0.6	13.4	-0.1	0.3	3.7	0.2	0.5	31.3	0.5	0.3	24.5	0.8	0.8
CEREZH	6.0	0.9	0.2	18.8	1.1	0.4	4.2	0.6	0.2	31.1	0.4	0.4	98.5	9.7X	0.1
D48QWN	2.5	-0.8	0.3	8.3	-1.3	0.5	2.3	-0.8	0.1	26.4	-1.1	0.9	11.3	-0.7	0.2
F6DC3R	5.9	0.8	0.7	16.5	0.6	0.3	10.1	4.8X	1.2	33.3	1.1	0.7	35.8	2.2	0.2
FQAV4D	6.6	1.1	2.4	21.0	1.6	3.1	5.4	1.5	2.6	29.2	-0.2	3.8	30.4	1.6	4.4
HVGT2N	5.0	0.4	0.6	16.9	0.7	0.3	3.5	0.1	0.6	29.9	0.0	0.3	18.3	0.1	0.4
J9JJ2G	8.0	1.8	0.1	21.3	1.7	0.8	5.4	1.4	0.3	34.2	1.4	0.1	43.0	3.1X	0.3
K2YK4G	3.1	-0.5	0.7	10.5	-0.8	0.2	2.9	-0.3	1.7	29.1	-0.2	1.0	16.7	-0.1	0.4
KH4MQ9	4.5	0.2	0.1	18.3	1.0	0.7	4.1	0.5	0.7	31.2	0.5	0.2	23.7	0.7	0.4
KXZ99G	3.9	-0.1	0.2	12.9	-0.3	1.0	3.3	-0.1	0.1	32.3	0.8	1.0	22.1	0.6	1.0
NMA8FG	5.7	0.7	3.7	19.7	1.3	3.5	4.3	0.7	3.8	31.7	0.6	2.2	16.0	-0.2	2.2
PAETWT	2.6	-0.7	0.3	12.3	-0.4	0.6	2.6	-0.6	0.7	29.7	0.0	1.2	14.3	-0.4	0.4
PHQ7FA	2.6	-0.7	0.1	11.2	-0.7	0.2	2.2	-0.9	0.2	28.0	-0.6	0.5	12.6	-0.6	0.2
PNAZHE	2.1	-0.9	0.2	17.1	0.7	0.1	3.3	-0.1	0.3	23.8	-1.9	0.3	13.2	-0.5	0.1



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>PNB8U2</b>	<b>3.6</b>	-0.2	0.0	<b>11.7</b>	-0.5	0.0	<b>3.2</b>	-0.1	0.0	<b>27.6</b>	-0.7	0.3	<b>16.4</b>	-0.1	0.0
<b>QMXKND</b>	<b>6.5</b>	1.1	0.7	<b>16.0</b>	0.5	0.4	<b>4.2</b>	0.6	0.3	<b>32.7</b>	1.0	0.3	<b>27.8</b>	1.2	0.4
<b>RZGKYD</b>	<b>2.6</b>	-0.7	0.6	<b>12.7</b>	-0.3	0.4	<b>2.1</b>	-0.9	0.5	<b>27.7</b>	-0.7	0.5	<b>13.8</b>	-0.4	0.3
<b>UDEHV9</b>	<b>3.8</b>	-0.2	0.9	<b>11.7</b>	-0.5	0.9	<b>2.9</b>	-0.4	1.1	<b>29.6</b>	-0.1	0.4	<b>17.4</b>	0.0	0.1
<b>UECTQB</b>	<b>7.9</b>	1.7	1.2	<b>15.9</b>	0.4	0.1	<b>5.1</b>	1.2	0.7	<b>33.5</b>	1.2	0.2	<b>32.6</b>	1.8	0.9
<b>UQ766A</b>	<b>5.7</b>	0.7	0.4	<b>22.4</b>	2.0	0.9	<b>4.0</b>	0.4	0.4	<b>29.6</b>	-0.1	0.5	<b>16.0</b>	-0.2	0.1
<b>XV6PK3</b>	<b>6.5</b>	1.1	0.9	<b>13.1</b>	-0.2	0.2	<b>5.6</b>	1.6	0.5	<b>30.7</b>	0.3	0.6	<b>13.8</b>	-0.4	0.1
<b>Y4YVE4</b>	<b>3.4</b>	-0.3	0.7	<b>12.5</b>	-0.3	0.3	<b>2.7</b>	-0.5	0.3	<b>31.7</b>	0.6	1.4	<b>17.9</b>	0.1	1.3
<b>Z4C4F3</b>	<b>4.1</b>	0.0	0.1	<b>13.2</b>	-0.2	0.3	<b>3.9</b>	0.4	0.4	<b>27.9</b>	-0.6	0.2	<b>24.0</b>	0.8	0.2
<b>Z8TQFW</b>	<b>1.5</b>	-1.2	0.1	<b>14.0</b>	0.0	0.2	<b>0.9</b>	-1.8	0.1	<b>29.3</b>	-0.2	0.2	<b>10.9</b>	-0.8	0.1
<b>ZLTRUJ</b>	<b>2.7</b>	-0.7	0.5	<b>9.1</b>	-1.2	1.2	<b>1.9</b>	-1.1	0.1	<b>24.9</b>	-1.6	0.5	<b>11.4</b>	-0.7	0.2

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups					Data units: mg/kg
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910
<b>Grand Median</b>	4.14	14.0	3.39	29.8	17.4
<b>Median Abs Dev</b>	1.54	2.3	0.80	1.8	4.9
<b>Avg Within Lab SD</b>	0.41	0.9	0.31	1.3	1.6
<b>Labs Included</b>	37	37	36	37	35
<b>Labs Reporting</b>	37	37	37	37	37



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	1.3	-1.6	0.2	21.2	-0.8	1.7	0.5	-1.0	1.0	23.2	-1.1	0.6	23.6	-1.4	0.5	
3K8X8E	3.3	1.1	2.3	29.3	0.5	0.3	1.0	-0.1		34.0	0.1	0.4	38.3	0.3	0.7	
3VRMZY	2.9	0.6	1.0	32.5	1.0	1.5	1.2	0.2	1.6	52.5	2.3	1.6	54.1	2.0	1.8	
42C7EX	1.1	-1.9	0.4	15.3	-1.7	0.2	0.4	-1.2	1.0	69.6	4.3X	1.4	32.8	-0.3	0.6	
6ZAD4Q	2.3	-0.2	2.3	19.0	-1.1	1.8	0.1	-1.8	0.0	20.0	-1.5	0.7	30.0	-0.7	0.9	
7M8PL2	2.1	-0.5	0.2	21.8	-0.7	0.2	1.0	0.0	0.5	26.0	-0.8	0.3	27.1	-1.0	0.5	
7NEMXD	1.1	-1.9	0.6	12.9	-2.1	0.0	0.7	-0.7	1.2	21.0	-1.4	0.4	20.6	-1.7	0.0	
8NCFMP	2.0	-0.7		19.0	-1.1		1.0	-0.1		24.0	-1.0		24.0	-1.3		
92XAFU	2.5	0.0	0.5	24.5	-0.3	0.3	1.1	0.2	0.5	34.7	0.2	0.2	34.8	-0.1	0.3	
98ZXXG	3.6	1.5	0.6	26.5	0.0	0.3	2.0	1.9	1.3	34.5	0.2	0.6	39.7	0.4	2.6	
A78MXT	2.7	0.2	0.9	29.7	0.5	0.9	1.2	0.3	2.3	42.7	1.1	0.9	49.8	1.5	0.6	
AKJYTE				26.1	0.0	0.6				30.4	-0.3	0.9	40.5	0.5	0.9	
BGZT4W	2.4	-0.2	0.0	28.8	0.4	0.0	1.0	0.0	0.1	33.6	0.1	0.3	40.3	0.5	0.1	
C7XA8G	3.3	1.0	1.9	29.6	0.5	0.2	1.7	1.4	0.8	35.7	0.3	1.1	43.3	0.8	0.1	
CEREZH	2.0	-0.7	0.1	25.9	-0.1	0.1	0.8	-0.4	0.1	31.4	-0.2	0.1	38.0	0.2	0.0	
D48QWN	2.4	-0.2	0.8	19.5	-1.0	0.2	1.0	0.0	0.5	36.2	0.4	1.5	30.3	-0.6	0.7	
F6DC3R	2.4	-0.2	0.6	21.1	-0.8	0.9	1.7	1.4	0.7	23.7	-1.1	0.1	26.9	-1.0	0.1	
FQAV4D	2.5	0.0	1.0	32.4	0.9	2.8	1.2	0.4	2.1	36.2	0.4	2.7	41.6	0.6	2.8	
GEDE84	2.1	-0.5	0.3	24.9	-0.2	0.1	0.8	-0.4	0.1	25.8	-0.8	0.1	36.0	0.0	0.0	
HVGT2N	3.2	0.9	0.4	28.2	0.3	0.4	1.3	0.4	0.4	32.7	0.0	1.2	34.7	-0.1	0.2	
J9JJ2G	2.4	-0.2	0.2	28.3	0.3	0.5	1.1	0.1	0.4	36.5	0.4	0.3	42.0	0.7	0.3	
K2YK4G	4.1	2.1	0.7	28.2	0.3	1.1	4.1	5.9X	4.5	75.6	5.0X	6.6	43.1	0.8	0.4	
KH4MQ9	4.0	2.0		33.3	1.1	0.6	3.0	3.8X		41.3	1.0	1.0	41.7	0.6	0.3	
KXZ99G	2.5	0.0	0.8	27.3	0.2	1.2	1.6	1.0	1.0	33.0	0.0	1.2	39.7	0.4	1.5	
NMA8FG	2.7	0.2	2.3	31.3	0.8	3.5	1.0	-0.1		38.7	0.7	2.7	39.0	0.3	2.9	
PAETWT	2.5	0.0	0.6	24.3	-0.3	0.6	1.0	0.0	0.7	38.7	0.7	0.6	37.3	0.2	1.4	



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
PHQ7FA	2.4	-0.1	1.0	20.9	-0.8	0.1	0.9	-0.2	0.8	36.7	0.4	2.0	31.3	-0.5	0.3	
PNAZHE	2.5	0.0	0.2	31.6	0.8	0.0	1.8	1.6	0.2	31.2	-0.2	0.2	32.6	-0.4	0.3	
PNB8U2	2.3	-0.3	0.0	24.9	-0.2	0.0	1.2	0.4	0.0	26.7	-0.7	0.0	33.1	-0.3	0.0	
QMXKND	3.7	1.5	0.3	27.1	0.1	0.5	1.4	0.6	0.5	32.5	-0.1	0.3	35.8	0.0	0.1	
RZGKYD	3.1	0.8	1.9	19.8	-1.0	0.2	1.4	0.7	1.8	33.3	0.0	0.3	30.5	-0.6	0.1	
UDEHV9	2.1	-0.5	0.5	21.9	-0.7	0.9	0.8	-0.4	0.6	29.0	-0.5	1.1	32.2	-0.4	0.7	
UECTQB	3.1	0.8	0.6	28.6	0.4	1.0	1.2	0.4	1.6	37.8	0.6	0.3	40.6	0.5	0.4	
UQ766A	2.6	0.1	1.6	26.5	0.0	0.2	0.4	-1.1	0.5	30.5	-0.3	0.2	28.8	-0.8	0.4	
VMLR8M	2.3	-0.3		28.3	0.3		0.9	-0.2		49.0	1.9		39.8	0.4		
XV6PK3	2.8	0.3	0.8	20.7	-0.9	0.2	1.2	0.3	1.5	27.9	-0.6	0.7	22.5	-1.5	0.0	
Y4YVE4	2.1	-0.6	0.2	23.4	-0.4	0.4	0.9	-0.3	0.3	29.2	-0.4	0.4	34.6	-0.1	1.2	
Z4C4F3	3.1	0.8	0.2	37.1	1.7	0.3	2.3	2.4	1.2	49.8	2.0	0.3	51.5	1.7	0.5	
Z8TQFW	1.3	-1.6	0.2	35.9	1.5	0.1	2.6	3.1	0.2	65.5	3.8X	0.0	44.0	0.9	0.0	
ZLTRUJ	2.5	0.0	1.2	19.4	-1.1	0.9	1.0	-0.1	0.8	22.7	-1.2	0.6	29.2	-0.7	0.6	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	2.51			26.3			1.03			33.0			35.9			
Median Abs Dev	0.41			3.9			0.20			4.0			5.1			
Avg Within Lab SD	0.25			2.0			0.11			2.6			2.1			
Labs Included	39			40			37			37			40			
Labs Reporting	39			40			39			40			40			



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	0.33	-0.06	1.94	0.63	-0.78	1.22	0.90	-1.28	1.51	1.70	-1.57	0.61	0.53	-0.97	1.03	
3K8X8E	0.40	1.05	0.00	0.73	0.00	1.22	1.30	0.54	0.00	2.30	-0.23	0.00	0.63	-0.17	1.03	
3VRMZY	0.34	0.06	0.37	0.93	1.51	0.66	1.28	0.44	0.95	2.61	0.47	0.47	0.77	0.92	0.85	
42C7EX	0.30	-0.63	0.05	0.69	-0.31	0.52	1.24	0.26	0.58	3.00	1.34	1.01	0.83	1.46	0.57	
6ZAD4Q	0.20	-2.28	0.00	0.53	-1.56	1.22	0.80	-1.73	0.00	1.57	-1.86	0.71	0.57	-0.70	1.03	
7M8PL2	0.43	1.55	0.89	0.84	0.85	1.00	1.50	1.47	1.01	2.90	1.11	0.34	0.57	-0.70	0.55	
7NEMXD	0.30	-0.57	1.18	0.74	0.07	0.25	1.16	-0.08	0.06	2.71	0.69	0.27	0.79	1.08	0.58	
8NCFMP	0.31	-0.45	0.00	0.74	0.07	0.12	1.14	-0.19	0.60	2.30	-0.24	0.25	0.55	-0.81	0.10	
92XAFU	0.36	0.44	0.39	0.72	-0.13	0.61	1.27	0.39	0.87	2.43	0.07	0.35	0.67	0.10	0.52	
98ZXXG	0.39	0.96	0.95	0.69	-0.37	0.50	0.99	-0.88	0.17	2.02	-0.86	1.27	0.68	0.24	1.76	
A78MXT	0.37	0.49	0.78	0.85	0.93	0.53	1.20	0.07	0.92	2.74	0.75	0.46	0.84	1.47	0.10	
AKJYTE	0.31	-0.40	0.19	0.73	-0.06	0.44	1.06	-0.55	0.78	2.12	-0.62	0.54	0.73	0.61	0.47	
BGZT4W	0.38	0.66	0.19	0.81	0.57	0.12	1.21	0.15	0.38	2.59	0.42	0.16	0.71	0.45	0.47	
C7XA8G	0.30	-0.66	0.08	0.73	0.00	0.25	1.08	-0.46	0.40	2.55	0.33	0.48	0.68	0.17	0.57	
CEREZH	0.17	-2.78X	0.00	0.66	-0.55	0.12	1.01	-0.79	0.09	0.36	-4.55X	0.04	0.64	-0.14	0.21	
D48QWN	0.34	0.10	1.36	0.64	-0.73	1.10	1.09	-0.43	0.68	2.21	-0.43	0.64	0.65	-0.03	0.47	
F6DC3R	0.27	-1.17	0.19	0.58	-1.20	0.56	0.93	-1.13	1.13	1.97	-0.96	0.34	0.57	-0.68	0.47	
FQAV4D	0.35	0.20	4.00	0.88	1.10	3.82	1.30	0.54	3.09	2.69	0.64	1.64	0.79	1.06	3.11	
GEDE84	0.27	-1.12	0.00	0.60	-1.07	0.32	0.88	-1.38	0.23	2.30	-0.22	0.30	0.54	-0.94	0.21	
HVGT2N	0.38	0.65	0.65	0.75	0.09	0.26	1.18	0.00	0.62	2.24	-0.37	0.34	0.59	-0.52	0.10	
J9JJ2G	0.37	0.49	1.03	1.32	4.55X	1.48	2.23	4.78X	1.14	5.11	6.04X	0.19	1.10	3.57X	0.75	
K2YK4G	0.35	0.25	0.57	0.87	1.03	0.20	1.40	1.01	1.30	2.73	0.72	1.95	0.86	1.64	0.16	
KH4MQ9	0.30	-0.62	0.00	0.80	0.51	0.00	1.27	0.39	0.87	2.63	0.51	0.35	0.70	0.37	0.00	
KXZ99G	0.20	-2.21	0.49	0.62	-0.86	0.70	1.17	-0.06	0.71	2.41	0.01	1.13	0.56	-0.72	0.63	
NMA8FG	0.36	0.30	1.28	0.96	1.74	2.63	1.43	1.15	2.51	3.11	1.57	4.16	0.72	0.52	2.41	
PAETWT	0.32	-0.29	0.58	0.77	0.26	0.88	1.13	-0.22	0.87	2.40	-0.01	1.23	0.72	0.56	0.85	





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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>PHQ7FA</b>	<b>0.33</b>	-0.08	0.25	<b>0.71</b>	-0.22	0.54	<b>1.20</b>	0.07	0.62	<b>2.15</b>	-0.56	0.18	<b>0.62</b>	-0.25	0.35	
<b>PNAZHE</b>	<b>0.36</b>	0.42	0.21	<b>0.85</b>	0.92	0.15	<b>1.33</b>	0.68	0.25	<b>2.74</b>	0.74	0.31	<b>0.67</b>	0.12	0.11	
<b>PNB8U2</b>	<b>0.29</b>	-0.79	0.00	<b>0.61</b>	-0.96	0.00	<b>0.96</b>	-1.00	0.00	<b>1.75</b>	-1.46		<b>0.52</b>	-1.08	0.00	
<b>QMXKND</b>	<b>0.35</b>	0.22	0.62	<b>0.78</b>	0.34	0.72	<b>1.33</b>	0.70	0.61	<b>2.48</b>	0.16	0.64	<b>0.73</b>	0.64	0.40	
<b>RZGKYD</b>	<b>0.28</b>	-1.00	0.35	<b>0.66</b>	-0.56	0.79	<b>0.94</b>	-1.08	0.90	<b>2.18</b>	-0.51	0.61	<b>0.59</b>	-0.53	0.33	
<b>UDEHV9</b>	<b>0.32</b>	-0.29	0.58	<b>0.66</b>	-0.55	0.74	<b>1.08</b>	-0.44	1.68	<b>2.21</b>	-0.44	0.84	<b>0.60</b>	-0.41	0.27	
<b>UECTQB</b>	<b>0.41</b>	1.27	0.57	<b>0.77</b>	0.27	0.34	<b>1.23</b>	0.23	0.11	<b>2.71</b>	0.68	0.24	<b>0.66</b>	0.03	0.02	
<b>UQ766A</b>	<b>0.35</b>	0.18	0.00	<b>0.78</b>	0.36	0.69	<b>1.35</b>	0.75	0.16	<b>2.62</b>	0.48	0.02	<b>0.56</b>	-0.73	0.15	
<b>XV6PK3</b>	<b>0.37</b>	0.49	1.94	<b>0.67</b>	-0.52	1.22	<b>1.43</b>	1.15	0.87	<b>2.30</b>	-0.23	0.61	<b>0.43</b>	-1.78	1.03	
<b>Y4YVE4</b>	<b>0.30</b>	-0.67	1.59	<b>0.62</b>	-0.86	1.29	<b>0.98</b>	-0.92	1.49	<b>1.99</b>	-0.91	0.53	<b>0.62</b>	-0.24	3.07	
<b>Z4C4F3</b>	<b>0.32</b>	-0.23	0.39	<b>0.82</b>	0.64	0.24	<b>1.38</b>	0.89	0.23	<b>2.85</b>	0.99	0.20	<b>0.81</b>	1.23	0.55	
<b>Z8TQFW</b>	<b>0.43</b>	1.55	0.34	<b>1.01</b>	2.17	0.32	<b>1.74</b>	2.55X	0.60	<b>3.92</b>	3.39X	0.09	<b>0.76</b>	0.86	0.36	
<b>ZLTRUJ</b>	<b>0.29</b>	-0.79	0.67	<b>0.62</b>	-0.91	0.44	<b>0.87</b>	-1.43	0.49	<b>1.90</b>	-1.13	0.54	<b>0.57</b>	-0.70	0.55	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups					Data units: mg/kg
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910
<b>Grand Median</b>	0.34	0.73	1.18	2.40	0.65
<b>Median Abs Dev</b>	0.03	0.07	0.12	0.26	0.08
<b>Avg Within Lab SD</b>	0.03	0.05	0.07	0.16	0.06
<b>Labs Included</b>	38	38	37	36	38
<b>Labs Reporting</b>	39	39	39	39	39



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups													Data units: mg/kg		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910		
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>F6DC3R</b>	<b>0.57</b>		1.00	<b>1.69</b>		1.00	<b>0.81</b>		1.00	<b>10.58</b>		1.00	<b>1.42</b>		1.00

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups													Data units: mg/kg		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	0.57			1.69			0.81			10.6			1.42		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.05			0.09			0.05			0.5			0.03		
<b>Labs Included</b>	1			1			1			1			1		
<b>Labs Reporting</b>	1			1			1			1			1		



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CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>8NCFMP</b>	<b>4.73</b>	0.65	0.39	<b>10.77</b>	2.63	0.81	<b>38.53</b>	0.59	0.31	<b>30.83</b>	0.00	0.10	<b>3.93</b>	-0.05	0.27	
<b>92XAFU</b>	<b>2.67</b>	-0.75	0.49	<b>5.33</b>	-0.08	0.73	<b>33.17</b>	0.17	0.82	<b>31.33</b>	0.04	0.25	<b>2.83</b>	-0.84	0.51	
<b>A2GFDZ</b>	<b>6.57</b>	1.90	2.73	<b>5.23</b>	-0.13	1.46	<b>9.20</b>	-1.72	0.19	<b>9.97</b>	-1.86	0.68	<b>3.20</b>	-0.58	0.94	
<b>AKJYTE</b>	<b>2.20</b>	-1.07	0.30	<b>5.13</b>	-0.18	0.26	<b>26.00</b>	-0.40	0.32	<b>28.13</b>	-0.24	0.24	<b>2.87</b>	-0.82	0.37	
<b>K2YK4G</b>	<b>1.89</b>	-1.27	0.17	<b>4.29</b>	-0.60	0.99	<b>9.01</b>	-1.74	0.44	<b>14.97</b>	-1.42	1.44	<b>3.51</b>	-0.35	0.84	
<b>PAETWT</b>	<b>4.30</b>	0.36	0.90	<b>5.50</b>	0.00	0.34	<b>31.00</b>	0.00	1.85	<b>49.67</b>	1.68	2.40	<b>4.00</b>	0.00	1.24	
<b>PHQ7FA</b>	<b>14.79</b>	<b>7.47X</b>	4.07	<b>8.80</b>	1.64	1.91	<b>41.72</b>	0.84	1.21	<b>40.66</b>	0.88	0.29	<b>6.29</b>	1.65	2.42	
<b>PNAZHE</b>	<b>4.21</b>	0.30	0.42	<b>7.59</b>	1.04	0.43	<b>14.38</b>	-1.32	0.51	<b>18.94</b>	-1.06	0.78	<b>6.72</b>	1.97	0.63	
<b>QMXKND</b>	<b>3.68</b>	-0.06	0.28	<b>6.34</b>	0.42	0.31	<b>37.67</b>	0.52	0.89	<b>31.30</b>	0.04	0.12	<b>4.06</b>	0.04	0.38	
<b>UDEHV9</b>	<b>3.87</b>	0.06	0.98	<b>6.47</b>	0.48	1.59	<b>31.03</b>	0.00	1.98	<b>31.57</b>	0.07	1.36	<b>4.90</b>	0.65	0.94	
<b>XV6PK3</b>	<b>3.30</b>	-0.32	0.14	<b>5.09</b>	-0.20	0.18	<b>32.46</b>	0.11	0.21	<b>29.50</b>	-0.12	0.08	<b>4.66</b>	0.47	0.31	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups						Data units: mg/kg		
	SRS1906		SRS1907		SRS1908	SRS1909		SRS1910
<b>Grand Median</b>	3.77		5.50		31.0	30.8		4.00
<b>Median Abs Dev</b>	0.74		0.84		6.6	2.7		0.80
<b>Avg Within Lab SD</b>	0.59		0.79		0.9	2.3		0.56
<b>Labs Included</b>	10		11		11	11		11
<b>Labs Reporting</b>	11		11		11	11		11



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups															Data units: mg/kg	
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>3FXGXQ</b>	<b>0.32</b>	-0.04	0.33	<b>0.67</b>	-0.22	0.32	<b>1.16</b>	-0.22	0.64	<b>0.39</b>	-0.02	0.28	<b>0.48</b>	0.10	0.10	
<b>3K8X8E</b>	<b>0.40</b>	0.52	0.00	<b>0.77</b>	0.29	0.88	<b>1.20</b>	-0.12	0.97	<b>0.47</b>	0.51	1.06	<b>0.57</b>	0.65	1.03	
<b>42C7EX</b>	<b>0.12</b>	-1.50	0.10	<b>0.29</b>	-2.16	0.47	<b>0.66</b>	-1.47	0.99	<b>0.11</b>	-2.03	0.24	<b>0.19</b>	-1.79	0.36	
<b>7M8PL2</b>	<b>0.44</b>	0.79	0.51	<b>0.56</b>	-0.78	0.32	<b>1.24</b>	-0.02	0.30	<b>0.21</b>	-1.31	0.38	<b>0.25</b>	-1.42	0.72	
<b>7NEMXD</b>	<b>0.15</b>	-1.26	1.89	<b>0.70</b>	-0.03	3.06	<b>1.55</b>	0.75	1.65	<b>0.59</b>	1.37	1.21	<b>0.26</b>	-1.34	3.32	
<b>AKJYTE</b>	<b>0.34</b>	0.11	0.55	<b>0.76</b>	0.28	0.09	<b>1.30</b>	0.12	0.48	<b>0.45</b>	0.42	0.64	<b>0.56</b>	0.60	0.31	
<b>BGZT4W</b>	<b>0.38</b>	0.40	0.25	<b>0.78</b>	0.38	0.58	<b>1.63</b>	0.93	0.06	<b>0.38</b>	-0.09	0.21	<b>0.59</b>	0.78	0.21	
<b>EJE3C7</b>	<b>0.33</b>	0.01	0.62	<b>0.71</b>	0.03	1.05	<b>1.26</b>	0.02	1.46	<b>0.38</b>	-0.13	0.58	<b>0.49</b>	0.14	1.11	
<b>F6DC3R</b>	<b>0.10</b>	-1.66		<b>0.56</b>	-0.76		<b>1.96</b>	1.76		<b>0.28</b>	-0.83		<b>0.39</b>	-0.51		
<b>FQAV4D</b>	<b>0.33</b>	-0.01	3.05	<b>0.73</b>	0.11	1.43	<b>1.38</b>	0.32	1.92	<b>0.54</b>	1.06	3.80	<b>0.21</b>	-1.65	1.11	
<b>GEDE84</b>	<b>0.30</b>	-0.20	2.11	<b>0.98</b>	1.37	1.08	<b>1.42</b>	0.41	2.52	<b>0.46</b>	0.44	0.74	<b>0.54</b>	0.47	1.64	
<b>HVGT2N</b>	<b>0.42</b>	0.67	0.53	<b>0.75</b>	0.20	0.83	<b>1.47</b>	0.53	0.52	<b>0.40</b>	0.02	0.31	<b>0.48</b>	0.07	0.89	
<b>KH4MQ9</b>	<b>0.33</b>	0.04	0.13	<b>0.70</b>	-0.05	0.15	<b>1.23</b>	-0.06	0.24	<b>0.40</b>	0.03	0.18	<b>0.46</b>	-0.07	0.21	
<b>KXZ99G</b>	<b>0.10</b>	-1.66	0.44	<b>0.40</b>	-1.60	0.37	<b>0.67</b>	-1.42	0.40	<b>0.23</b>	-1.17	0.21	<b>0.45</b>	-0.10	0.83	
<b>PNAZHE</b>	<b>0.56</b>	1.66	0.26	<b>0.72</b>	0.03	0.27	<b>0.90</b>	-0.87	0.04	<b>0.46</b>	0.50	0.23	<b>0.50</b>	0.19	0.06	
<b>QMXKND</b>	<b>0.36</b>	0.24	0.56	<b>0.80</b>	0.46	0.31	<b>1.53</b>	0.69	0.38	<b>0.38</b>	-0.09	0.59	<b>0.49</b>	0.14	0.35	
<b>R3LUVV</b>	<b>0.37</b>	0.33	1.01	<b>0.82</b>	0.57	1.00	<b>1.48</b>	0.58	0.85	<b>0.40</b>	0.03	0.48	<b>0.53</b>	0.41	0.65	
<b>UQ766A</b>	<b>0.31</b>	-0.14	0.08	<b>0.62</b>	-0.44	0.05	<b>0.68</b>	-1.41	0.10	<b>0.45</b>	0.37	0.37	<b>0.28</b>	-1.21	0.05	
<b>V9GTWV</b>	<b>0.53</b>	1.48	0.53	<b>1.05</b>	1.77	0.47	<b>1.81</b>	1.38	0.31	<b>0.54</b>	1.07	0.14	<b>0.59</b>	0.81	0.81	
<b>XKJ3GM</b>	<b>0.20</b>	-0.93	0.00	<b>0.50</b>	-1.07	1.52	<b>1.07</b>	-0.45	0.56	<b>0.23</b>	-1.17	1.06	<b>0.40</b>	-0.44	0.00	
<b>Z3XKV7</b>	<b>0.29</b>	-0.28	0.13	<b>0.57</b>	-0.74	0.16	<b>1.05</b>	-0.49	0.11	<b>0.30</b>	-0.66	0.09	<b>0.36</b>	-0.69	0.21	
<b>Z4C4F3</b>	<b>0.20</b>	-0.91	0.55	<b>0.41</b>	-1.52	1.12	<b>0.92</b>	-0.82	1.28	<b>0.19</b>	-1.51	0.53	<b>0.28</b>	-1.25	0.37	



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<b>B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups</b>						<b>Data units: mg/kg</b>
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
<b>Grand Median</b>	0.33	0.71	1.25	0.40	0.47	
<b>Median Abs Dev</b>	0.06	0.09	0.22	0.07	0.08	
<b>Avg Within Lab SD</b>	0.05	0.07	0.10	0.05	0.06	
<b>Labs Included</b>	22	22	22	22	22	
<b>Labs Reporting</b>	22	22	22	22	22	



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
2Q2XZU	0.28	-0.04	0.73	0.46	0.10	0.45	1.13	-0.79	1.15	0.14	-0.17	0.06	0.15	-0.07	0.34	
3VRMZY	0.15	-1.67	2.48	0.37	-1.06	2.86	1.27	-0.05	1.20							
6ZAD4Q	0.16	-1.55	0.51	0.34	-1.33	0.54	0.90	-1.96	0.64	0.08	-1.13	0.42	0.15	-0.15	0.84	
8NCFMP	0.35	0.74	0.29	0.54	1.06	0.12	1.50	1.12	0.33	0.12	-0.48	0.28	0.12	-0.59	0.56	
92XAFU	0.30	0.16	0.00	0.47	0.21	1.35	1.37	0.45	1.23	0.20	0.95	0.00	0.20	0.67	0.00	
D48QWN	0.30	0.20	0.29	0.44	-0.08	1.11	1.25	-0.17	0.75	0.15	0.00	0.16	0.17	0.18	0.00	
K2YK4G	0.22	-0.82	1.52	0.43	-0.29	0.31	1.30	0.10	0.95	0.06	-1.47	1.55	0.08	-1.36	2.14	
NMA8FG	0.34	0.65	0.94	0.65	2.55	0.16	1.28	0.00	1.40	0.29	2.59	0.85	0.29	2.11	1.67	
PAETWT	0.29	0.00	0.77	0.51	0.71	0.75	1.23	-0.24	1.23	0.15	0.00	0.57	0.19	0.56	1.70	
PHQ7FA	0.31	0.33	0.36	0.45	0.00	0.61	1.34	0.33	0.52	0.19	0.71	2.94	0.14	-0.32	0.29	
RZGKYD	0.27	-0.15	0.32	0.45	-0.06	0.42	1.11	-0.87	0.14	0.14	-0.13	0.19	0.16	0.07	0.29	
UDEHV9	0.41	1.47	1.55	0.56	1.41	1.15	1.40	0.60	0.33	0.18	0.66	0.57	0.23	1.17	0.48	
XV6PK3	0.37	0.98	0.29	0.51	0.71	0.59	1.52	1.24	1.85	0.16	0.30	0.42	0.11	-0.75	0.74	
Z8TQFW	0.20	-1.06	1.01	0.44	-0.17	0.36	1.58	1.54	0.43	0.90	13.48X	2.75	0.08	-1.25	0.28	
ZLTRUJ	0.26	-0.29	0.58	0.42	-0.38	0.47	1.15	-0.67	1.13	0.14	-0.18	0.32	0.17	0.18	1.28	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
Grand Median	0.29			0.45			1.28			0.15			0.16			
Median Abs Dev	0.05			0.03			0.12			0.03			0.04			
Avg Within Lab SD	0.02			0.04			0.05			0.04			0.02			
Labs Included	15			15			15			13			14			
Labs Reporting	15			15			15			14			14			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>42C7EX</b>	<b>0.05</b>	-2.61	1.12	<b>0.12</b>	2.20	2.67	<b>0.04</b>	-0.16	0.65	<b>0.25</b>	2.51	2.10	<b>0.11</b>	-1.48	0.70	
<b>8NCFMP</b>	<b>0.07</b>	0.44		<b>0.10</b>	-0.09		<b>0.04</b>	0.44		<b>0.14</b>	-0.40					
<b>A2GFDZ</b>	<b>0.07</b>	0.04	0.79	<b>0.09</b>	-0.59	0.37	<b>0.04</b>	-1.13	0.19	<b>0.14</b>	-0.25	0.30	<b>0.13</b>	-0.62	0.05	
<b>AKJYTE</b>	<b>0.07</b>	0.53	0.66	<b>0.11</b>	0.58	0.22	<b>0.04</b>	0.16	1.07	<b>0.15</b>	0.09	0.43	<b>0.14</b>	0.32	0.38	
<b>CEREZH</b>	<b>0.07</b>	0.44	0.00	<b>0.10</b>	0.03	0.00	<b>0.04</b>	-0.48	0.00	<b>0.15</b>	-0.03	0.00	<b>0.14</b>	0.15	0.00	
<b>D48QWN</b>	<b>0.06</b>	-0.75	0.65	<b>0.10</b>	-0.03	1.14	<b>0.05</b>	0.68	1.41	<b>0.23</b>	1.92	1.31	<b>0.22</b>	4.46X	0.53	
<b>GMNZUD</b>	<b>0.10</b>	4.64X	3.77	<b>0.11</b>	0.62	0.54	<b>0.05</b>	1.09	1.62	<b>0.16</b>	0.18	0.84	<b>0.14</b>	0.31	0.81	
<b>NMA8FG</b>	<b>0.07</b>	0.00	1.06	<b>0.10</b>	-0.46	0.27	<b>0.04</b>	0.29	0.00	<b>0.14</b>	-0.19	0.19	<b>0.16</b>	1.07	2.24	
<b>UDEHV9</b>	<b>0.06</b>	-0.35	2.03	<b>0.10</b>	0.13	0.19	<b>0.03</b>	-1.84	1.67	<b>0.15</b>	0.03	1.29	<b>0.13</b>	-0.15	1.20	
<b>Z4C4F3</b>	<b>0.06</b>	-0.89	0.00	<b>0.08</b>	-2.03	0.00	<b>0.04</b>	-0.48	0.00	<b>0.11</b>	-1.15	0.43	<b>0.11</b>	-1.29	0.48	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	0.067			0.10			0.043			0.15			0.14			
<b>Median Abs Dev</b>	0.003			0.00			0.003			0.01			0.01			
<b>Avg Within Lab SD</b>	0.004			0.01			0.003			0.01			0.01			
<b>Labs Included</b>	9			10			10			10			8			
<b>Labs Reporting</b>	10			10			10			10			9			



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>2Q2XZU</b>	<b>0.08</b>	0.34	0.00	<b>0.12</b>	0.51	1.02	<b>0.06</b>	0.54	1.54	<b>0.17</b>	0.51	0.00	<b>0.16</b>	0.73	1.17
<b>6ZAD4Q</b>	<b>0.08</b>	0.46	0.33	<b>0.11</b>	0.13	1.02	<b>0.05</b>	0.20	0.15	<b>0.17</b>	0.29	0.42	<b>0.15</b>	0.51	0.61
<b>7NEMXD</b>	<b>0.10</b>	1.17	0.29	<b>0.12</b>	0.65	1.64	<b>0.06</b>	1.02	0.96	<b>0.18</b>	1.32	0.10	<b>0.16</b>	1.07	0.09
<b>8NCFMP</b>	<b>0.10</b>	1.41	2.53	<b>0.12</b>	0.75	0.97	<b>0.06</b>	0.78	0.61	<b>0.18</b>	0.85	0.00	<b>0.17</b>	1.12	0.35
<b>A2GFDZ</b>	<b>0.07</b>	-0.14	0.90	<b>0.10</b>	-0.58	0.20	<b>0.04</b>	-0.46	1.62	<b>0.15</b>	-0.62	0.93	<b>0.14</b>	-0.11	1.19
<b>AKJYTE</b>	<b>0.07</b>	-0.24	0.33	<b>0.10</b>	-0.75	0.31	<b>0.04</b>	-0.41	0.27	<b>0.15</b>	-0.70	0.37	<b>0.13</b>	-0.68	1.58
<b>BZVZ3A</b>	<b>0.10</b>	1.36	1.33	<b>0.13</b>	1.37	1.76	<b>0.07</b>	1.63	1.54	<b>0.16</b>	0.14	1.42	<b>0.13</b>	-0.35	1.17
<b>D48QWN</b>	<b>0.06</b>	-0.90	0.15	<b>0.09</b>	-1.20	0.18	<b>0.04</b>	-0.74	0.27	<b>0.15</b>	-0.74	1.02	<b>0.12</b>	-1.03	1.47
<b>MWWNA 7</b>	<b>0.07</b>	-0.17		<b>0.11</b>	0.09		<b>0.05</b>	0.11		<b>0.18</b>	1.07		<b>0.14</b>	-0.04	
<b>N7FGZT</b>	<b>0.07</b>	-0.25	0.38	<b>0.10</b>	-0.66	1.47	<b>0.04</b>	-0.65	0.93	<b>0.16</b>	-0.14	1.50	<b>0.14</b>	-0.14	0.61
<b>NMA8FG</b>	<b>0.11</b>	1.89	2.08	<b>0.12</b>	0.66	1.68	<b>0.06</b>	1.00	0.31	<b>0.19</b>	1.68	1.95	<b>0.17</b>	1.46	0.31
<b>QMXKND</b>	<b>0.07</b>	-0.10	0.07	<b>0.10</b>	-0.47	0.10	<b>0.04</b>	-0.24	0.15	<b>0.15</b>	-0.46	0.03	<b>0.14</b>	0.04	0.20
<b>UCTQB</b>	<b>0.08</b>	0.41	0.82	<b>0.12</b>	0.53	0.80	<b>0.06</b>	0.80	2.19	<b>0.18</b>	0.95	0.97	<b>0.16</b>	0.90	1.37
<b>XTYLX2</b>	<b>0.05</b>	-1.33	0.15	<b>0.09</b>	-1.48	0.51	<b>0.03</b>	-1.42	0.15	<b>0.15</b>	-0.55	1.36	<b>0.11</b>	-1.22	1.31
<b>XV6PK3</b>	<b>0.08</b>	0.10	0.68	<b>0.11</b>	-0.09	0.20	<b>0.05</b>	-0.11	0.41	<b>0.15</b>	-0.44	1.30	<b>0.15</b>	0.36	1.17
<b>Z3XKV7</b>	<b>0.06</b>	-0.51	0.20	<b>0.10</b>	-0.88	0.35	<b>0.04</b>	-0.68	0.46	<b>0.15</b>	-0.34	0.51	<b>0.12</b>	-1.03	0.42

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	0.073			0.11			0.048			0.16			0.14		
<b>Median Abs Dev</b>	0.008			0.01			0.010			0.01			0.02		
<b>Avg Within Lab SD</b>	0.008			0.01			0.004			0.00			0.00		
<b>Labs Included</b>	16			16			16			16			16		
<b>Labs Reporting</b>	16			16			16			16			16		





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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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
2Q2XZU	0.47	-2.55X	0.21	0.88	-1.69	0.65	0.34	-1.74	0.79	1.83	0.48	0.28	1.61	1.87	0.33
6ZAD4Q	1.04	0.00	0.82	1.29	0.08	1.10	0.42	-0.91	0.74	1.69	-0.33	1.64	1.34	-1.30	1.05
7NEMXD	1.17	0.57	1.51	1.58	1.30	1.87	0.51	0.08	2.94	2.08	2.01	2.56	1.38	-0.83	2.56
A2GFDZ	1.06	0.08	0.72	1.31	0.16	0.43	0.51	0.13	0.09	1.66	-0.51	0.17	1.41	-0.47	0.30
AKJYTE	0.75	-1.31	0.75	1.02	-1.08	0.48	0.36	-1.56	0.34	1.68	-0.37	0.26	1.49	0.46	0.68
BZVZ3A	1.04	-0.01	0.90	1.26	-0.08	1.13	0.51	0.11	0.00	1.76	0.07	0.35	1.37	-0.91	0.57
C7XA8G	0.82	-0.98	0.75	1.15	-0.53	0.82	0.47	-0.30	0.19	1.65	-0.58	0.43	1.42	-0.32	0.20
HMNLFX	0.70	-1.51	0.00	1.17	-0.46	1.29	0.70	2.18X	0.00	2.00	1.51		1.90	5.31X	0.00
MWWNA 7	1.19	0.67		1.41	0.58		0.50	0.00		1.94	1.16		1.45	0.03	
N7FGZT	1.11	0.30	2.01	1.39	0.50	1.22	0.54	0.41	0.19	1.73	-0.07	0.15	1.45	0.00	0.51
QMXKND	0.79	-1.12	0.21	1.09	-0.78	0.17	0.36	-1.51	0.05	1.73	-0.08	0.02	1.51	0.74	0.05
Z3XKV7	1.23	0.87	0.71	1.48	0.87	0.54	0.56	0.68	0.13	1.90	0.93	0.47	1.49	0.50	1.02
Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
Grand Median	1.04			1.28			0.50			1.75			1.45		
Median Abs Dev	0.15			0.13			0.04			0.08			0.04		
Avg Within Lab SD	0.03			0.04			0.03			0.04			0.03		
Labs Included	11			12			11			12			11		
Labs Reporting	12			12			12			12			12		



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>3K8X8E</b>	<b>1.07</b>	0.18	0.57	<b>1.57</b>	-0.45	0.63	<b>0.77</b>	0.34	0.84	<b>2.97</b>	-0.04	0.50	<b>2.10</b>	-0.77	0.00	
<b>42C7EX</b>	<b>0.95</b>	-0.44	0.83	<b>1.34</b>	-1.24	1.68	<b>0.73</b>	0.17	1.82	<b>2.60</b>	-0.89	2.10	<b>1.94</b>	-1.18	1.38	
<b>6ZAD4Q</b>	<b>1.27</b>	1.28	2.85	<b>1.43</b>	-0.91	2.29	<b>0.50</b>	-1.06	1.46	<b>3.21</b>	0.54	2.12	<b>2.37</b>	-0.09	0.38	
<b>7NEMXD</b>	<b>1.19</b>	0.84	0.51	<b>1.91</b>	0.75	0.62	<b>0.70</b>	0.01	0.64	<b>3.55</b>	1.33	0.76	<b>2.60</b>	0.51	0.29	
<b>8NCFMP</b>	<b>1.32</b>	1.56	1.23	<b>2.03</b>	1.15	0.50	<b>0.75</b>	0.24	0.71	<b>3.54</b>	1.30	0.78	<b>2.94</b>	1.37	0.48	
<b>92XAFU</b>	<b>0.93</b>	-0.55	0.57	<b>1.73</b>	0.13	0.63	<b>0.97</b>	1.40	0.84	<b>2.93</b>	-0.12	0.50	<b>2.83</b>	1.11	0.38	
<b>ADLAAP</b>	<b>1.09</b>	0.33	1.14	<b>1.51</b>	-0.64	1.01	<b>1.01</b>	1.61	0.45	<b>2.79</b>	-0.44	0.84	<b>2.26</b>	-0.35	1.02	
<b>AKJYTE</b>	<b>1.03</b>	-0.02	0.20	<b>1.63</b>	-0.24	0.50				<b>2.80</b>	-0.44	0.36	<b>2.40</b>	0.00	0.23	
<b>CEREZH</b>	<b>0.93</b>	-0.58	0.15	<b>1.51</b>	-0.63	0.23	<b>0.63</b>	-0.37	0.25	<b>2.74</b>	-0.58	0.33	<b>2.13</b>	-0.68	0.04	
<b>F6DC3R</b>	<b>1.28</b>	1.35	0.30	<b>2.28</b>	2.03	0.61	<b>0.52</b>	-0.93	0.45	<b>3.27</b>	0.67	0.32	<b>2.76</b>	0.92	0.13	
<b>FPZTHE</b>	<b>1.41</b>	2.06	1.43	<b>2.11</b>	1.42	0.93	<b>1.01</b>	1.62	2.44	<b>3.92</b>	2.19	1.60	<b>2.90</b>	1.27	0.66	
<b>FQAV4D</b>	<b>1.04</b>	0.02	1.33	<b>1.67</b>	-0.10	1.83	<b>0.53</b>	-0.92	1.59	<b>2.72</b>	-0.60	1.59	<b>2.13</b>	-0.69	0.36	
<b>GMNZUD</b>	<b>0.82</b>	-1.17	0.13	<b>1.70</b>	0.00	0.12	<b>0.52</b>	-0.95	0.34	<b>3.30</b>	0.73	0.37	<b>2.81</b>	1.05	0.16	
<b>J9JJ2G</b>	<b>1.03</b>	-0.02	0.43	<b>1.32</b>	-1.29	0.13	<b>0.52</b>	-0.95	0.67	<b>2.57</b>	-0.96	0.31	<b>2.14</b>	-0.66	0.35	
<b>KH4MQ9</b>	<b>1.05</b>	0.11	0.15	<b>1.86</b>	0.58	0.51	<b>0.72</b>	0.12	0.37	<b>3.11</b>	0.30	0.81	<b>2.62</b>	0.55	0.04	
<b>NMA8FG</b>	<b>0.72</b>	-1.73	1.05	<b>1.56</b>	-0.48	1.39	<b>0.48</b>	-1.18	0.59	<b>2.99</b>	0.02	0.96	<b>2.10</b>	-0.78	3.77	
<b>RZGKYD</b>	<b>0.96</b>	-0.39	0.08	<b>1.82</b>	0.41	0.17	<b>0.70</b>	0.01	0.15	<b>2.91</b>	-0.16	0.17	<b>2.21</b>	-0.49	0.15	
<b>VYQ8QW</b>	<b>1.03</b>	0.00	0.41	<b>1.70</b>	0.03	0.39	<b>0.65</b>	-0.25	0.47	<b>2.98</b>	0.00	0.39	<b>2.44</b>	0.09	0.20	
<b>Z4C4F3</b>	<b>1.00</b>	-0.18		<b>1.80</b>	0.36	1.10	<b>0.70</b>	-0.01	0.00	<b>3.63</b>	1.52	0.50	<b>2.50</b>	0.26	0.66	

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	1.03			1.70			0.70			2.98			2.40			
<b>Median Abs Dev</b>	0.08			0.17			0.12			0.25			0.27			
<b>Avg Within Lab SD</b>	0.10			0.09			0.07			0.11			0.15			
<b>Labs Included</b>	19			19			18			19			19			
<b>Labs Reporting</b>	19			19			18			19			19			



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SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>24M632</b>	<b>1.50</b>	1.89	0.65	<b>2.28</b>	1.33	0.63	<b>1.94</b>	2.65	0.44	<b>3.53</b>	0.84	0.96	<b>3.94</b>	2.19	0.35	
<b>2FHJZD</b>	<b>1.46</b>	1.56	0.65	<b>2.17</b>	0.64	0.36	<b>1.43</b>	0.65	0.55	<b>3.38</b>	0.00	0.28	<b>3.38</b>	0.26	0.54	
<b>42C7EX</b>	<b>1.43</b>	1.31	1.77	<b>2.38</b>	1.93	0.16	<b>1.63</b>	1.41	0.55	<b>3.74</b>	2.12	0.55	<b>3.83</b>	1.83	0.26	
<b>7M8PL2</b>	<b>1.22</b>	-0.48	0.18	<b>1.86</b>	-1.27	0.16	<b>1.23</b>	-0.16	0.17	<b>3.56</b>	1.04	0.27	<b>3.06</b>	-0.84	0.24	
<b>92XAFU</b>	<b>1.00</b>	-2.33		<b>1.87</b>	-1.25	0.79	<b>1.07</b>	-0.78	0.83	<b>3.27</b>	-0.69	0.79	<b>3.17</b>	-0.46	0.66	
<b>98ZXXG</b>	<b>1.29</b>	0.12	0.71	<b>2.08</b>	0.10	1.29	<b>1.36</b>	0.38	0.80	<b>3.14</b>	-1.43	0.53	<b>3.19</b>	-0.37	1.35	
<b>A2GFDZ</b>	<b>1.20</b>	-0.65	1.84	<b>2.03</b>	-0.21	0.79	<b>1.20</b>	-0.26	1.44	<b>3.20</b>	-1.08	0.00	<b>3.00</b>	-1.03	1.13	
<b>A78MXT</b>	<b>1.33</b>	0.41	0.59	<b>2.22</b>	0.96	0.36	<b>1.68</b>	1.63	1.31	<b>3.54</b>	0.94	0.28	<b>3.76</b>	1.57	1.26	
<b>ADLAAP</b>	<b>2.28</b>	8.43X	0.28	<b>3.29</b>	7.61X	1.64	<b>3.12</b>	7.28X	2.09	<b>4.36</b>	5.76X	0.08	<b>4.96</b>	5.71X	0.45	
<b>ATCA4A</b>	<b>1.26</b>	-0.11	0.40	<b>2.06</b>	-0.05	0.35	<b>1.26</b>	-0.04	0.18	<b>3.31</b>	-0.45	0.11	<b>3.11</b>	-0.65	0.17	
<b>BGZT4W</b>	<b>1.38</b>	0.83	2.03	<b>2.12</b>	0.36	1.29	<b>1.81</b>	2.14	1.35	<b>3.51</b>	0.76	1.24	<b>3.69</b>	1.34	0.73	
<b>BHWMRN</b>	<b>1.17</b>	-0.93	2.13	<b>2.07</b>	0.00	1.58	<b>1.23</b>	-0.13	1.67	<b>3.20</b>	-1.08	0.00	<b>3.30</b>	0.00	2.27	
<b>D3VDRR</b>	<b>1.04</b>	-1.99	0.18	<b>1.83</b>	-1.48	0.27	<b>1.14</b>	-0.48	0.46	<b>3.17</b>	-1.25	0.14	<b>3.14</b>	-0.56	0.51	
<b>FQAV4D</b>	<b>1.32</b>	0.36	1.91	<b>2.15</b>	0.54	1.39	<b>2.03</b>	2.99X	16.75	<b>3.54</b>	0.90	1.01	<b>3.42</b>	0.40	2.04	
<b>GA7D3L</b>	<b>1.55</b>	2.26	2.95	<b>2.51</b>	2.79	2.19	<b>1.69</b>	1.67	1.54	<b>3.44</b>	0.31	1.58	<b>3.85</b>	1.88	1.61	
<b>GEDE84</b>	<b>1.27</b>	-0.03	0.70	<b>2.08</b>	0.08	1.03	<b>1.35</b>	0.31	0.30	<b>3.45</b>	0.41	1.69	<b>3.39</b>	0.30	0.29	
<b>GTF32J</b>	<b>1.30</b>	0.16	0.11	<b>2.27</b>	1.29	0.16	<b>1.38</b>	0.44	0.25	<b>3.52</b>	0.82	0.39	<b>3.41</b>	0.39	0.26	
<b>H2KZFR</b>	<b>1.26</b>	-0.17	0.59	<b>2.02</b>	-0.29	0.36	<b>1.54</b>	1.08	0.22	<b>3.41</b>	0.16	0.55	<b>3.50</b>	0.69	0.23	
<b>H7HV72</b>	<b>1.30</b>	0.19	0.00	<b>2.13</b>	0.42	1.58	<b>0.93</b>	-1.31	2.21	<b>3.90</b>	3.04	0.00	<b>3.60</b>	1.03	0.00	
<b>HDDJVW</b>	<b>1.20</b>	-0.65	0.00	<b>2.03</b>	-0.21	0.79	<b>1.17</b>	-0.39	0.83	<b>3.40</b>	0.10	0.00	<b>3.27</b>	-0.11	1.73	
<b>HMNLFX</b>	<b>1.30</b>	0.19	0.00	<b>2.17</b>	0.62	0.79	<b>1.23</b>	-0.13	0.83	<b>3.40</b>	0.10	0.00	<b>3.30</b>	0.00	0.00	
<b>HVGT2N</b>	<b>1.30</b>	0.19	0.00	<b>2.07</b>	0.00	0.79	<b>1.43</b>	0.65	0.83	<b>3.30</b>	-0.49	1.36	<b>3.40</b>	0.34	1.13	
<b>K2YK4G</b>	<b>1.28</b>	0.03	0.57	<b>1.96</b>	-0.65	3.72	<b>1.44</b>	0.68	2.30	<b>3.34</b>	-0.24	2.97	<b>3.28</b>	-0.08	1.28	
<b>KXZ99G</b>	<b>1.24</b>	-0.31	0.37	<b>2.00</b>	-0.42	0.27	<b>1.21</b>	-0.22	0.14	<b>3.28</b>	-0.59	0.08	<b>3.14</b>	-0.56	0.40	
<b>MWWNA</b>	<b>1.37</b>	0.75	1.06	<b>2.13</b>	0.42	0.79	<b>1.27</b>	0.00	0.83	<b>3.37</b>	-0.10	3.43	<b>3.57</b>	0.92	2.36	



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SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>N7FGZT</b>	<b>1.23</b>	-0.37	0.11	<b>2.04</b>	-0.19	0.16	<b>1.09</b>	-0.71	0.08	<b>3.32</b>	-0.37	0.00	<b>3.12</b>	-0.62	0.34	
<b>NBQVXD</b>	<b>1.16</b>	-0.96	1.84	<b>1.95</b>	-0.73	1.65	<b>1.10</b>	-0.65	3.11	<b>3.23</b>	-0.90	2.39	<b>3.18</b>	-0.42	1.39	
<b>NMA8FG</b>	<b>1.21</b>	-0.59	0.11	<b>2.03</b>	-0.23	0.95	<b>1.51</b>	0.94	0.81	<b>3.26</b>	-0.74	0.98	<b>3.33</b>	0.11	0.19	
<b>PAETWT</b>	<b>1.27</b>	-0.09	1.06	<b>2.03</b>	-0.21	0.79	<b>1.20</b>	-0.26	0.00	<b>3.37</b>	-0.10	0.79	<b>3.30</b>	0.00	1.13	
<b>PHQ7FA</b>	<b>1.38</b>	0.83	0.55	<b>2.18</b>	0.70	0.47	<b>1.15</b>	-0.44	0.79	<b>3.50</b>	0.69	0.41	<b>3.29</b>	-0.03	0.18	
<b>PNAZHE</b>	<b>1.25</b>	-0.22	0.52	<b>2.13</b>	0.42	0.43	<b>1.38</b>	0.43	0.38	<b>3.45</b>	0.41	0.83	<b>3.41</b>	0.39	0.82	
<b>PNB8U2</b>	<b>1.27</b>	-0.09	0.11	<b>2.02</b>	-0.29	0.00	<b>1.33</b>	0.24	0.08	<b>3.28</b>	-0.59	0.08	<b>2.97</b>	-1.15	0.07	
<b>PQZ9J3</b>	<b>1.25</b>	-0.23	0.12	<b>2.05</b>	-0.11	0.05	<b>1.13</b>	-0.55	0.08	<b>3.41</b>	0.14	0.09	<b>3.21</b>	-0.32	0.04	
<b>QEGL29</b>	<b>1.12</b>	-1.33	0.00	<b>1.85</b>	-1.35	0.00	<b>0.91</b>	-1.41	0.00	<b>3.34</b>	-0.27	0.00	<b>3.22</b>	-0.27	0.01	
<b>QMXKND</b>	<b>1.34</b>	0.50	0.97	<b>2.20</b>	0.81	0.58	<b>1.21</b>	-0.22	0.34	<b>3.54</b>	0.93	0.46	<b>3.43</b>	0.44	0.57	
<b>RA6HPH</b>	<b>1.50</b>	1.87		<b>2.47</b>	2.49	0.79	<b>1.47</b>	0.78	0.83	<b>4.03</b>	3.82X	0.79	<b>4.00</b>	2.41		
<b>RCF7LB</b>	<b>0.54</b>	-6.20X	1.27	<b>1.24</b>	-5.13X	1.25	<b>0.66</b>	-2.39X	2.98	<b>2.63</b>	-4.41X	1.59	<b>2.80</b>	-1.72	2.70	
<b>UDEHV9</b>	<b>1.32</b>	0.33	0.70	<b>2.11</b>	0.25	0.62	<b>1.46</b>	0.76	1.15	<b>3.37</b>	-0.10	0.57	<b>3.45</b>	0.50	0.88	
<b>UQ766A</b>	<b>1.26</b>	-0.12	0.38	<b>1.94</b>	-0.77	0.28	<b>1.05</b>	-0.85	0.38	<b>3.34</b>	-0.27	0.55	<b>3.16</b>	-0.49	0.17	
<b>XJC76C</b>	<b>1.34</b>	0.52	0.37	<b>2.21</b>	0.91	0.28	<b>1.61</b>	1.33	0.22	<b>3.56</b>	1.06	0.21	<b>3.70</b>	1.38	0.20	
<b>XTYLX2</b>	<b>1.28</b>	0.05	0.59	<b>2.04</b>	-0.17	0.00	<b>1.30</b>	0.13	0.25	<b>3.33</b>	-0.29	0.21	<b>3.27</b>	-0.11	0.07	
<b>XV6PK3</b>	<b>1.21</b>	-0.57	0.49	<b>2.00</b>	-0.44	0.16	<b>1.12</b>	-0.59	0.55	<b>3.27</b>	-0.65	0.16	<b>3.15</b>	-0.52	0.49	
<b>YMUNY2</b>	<b>1.30</b>	0.16	0.43	<b>2.12</b>	0.35	0.28	<b>1.27</b>	0.01	0.14	<b>3.48</b>	0.59	0.16	<b>3.35</b>	0.16	0.69	
<b>Z3XKV7</b>	<b>1.23</b>	-0.44	0.44	<b>2.02</b>	-0.31	0.66	<b>1.23</b>	-0.16	0.20	<b>3.42</b>	0.22	0.82	<b>3.38</b>	0.26	0.21	
<b>Z4C4F3</b>	<b>1.47</b>	1.59	1.06	<b>2.27</b>	1.25	0.79	<b>1.43</b>	0.65	0.83	<b>3.60</b>	1.27	0.00	<b>3.57</b>	0.92	0.66	
<b>ZLTRUJ</b>	<b>1.17</b>	-0.93	1.06	<b>2.00</b>	-0.42	1.36	<b>1.20</b>	-0.26	1.44	<b>3.30</b>	-0.49	0.00	<b>3.20</b>	-0.34	0.00	



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SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS1906	SRS1907	SRS1908	SRS1909	SRS1910	
<b>Grand Median</b>	1.28	2.07	1.27	3.38	3.30	
<b>Median Abs Dev</b>	0.05	0.07	0.14	0.10	0.13	
<b>Avg Within Lab SD</b>	0.05	0.07	0.07	0.07	0.09	
<b>Labs Included</b>	44	44	43	43	45	
<b>Labs Reporting</b>	46	46	46	46	46	



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>7M8PL2</b>	<b>1.17</b>		0.21	<b>1.74</b>		0.10	<b>1.17</b>		0.07	<b>3.28</b>		0.25	<b>2.82</b>		0.03	
<b>AKJYTE</b>	<b>1.37</b>		1.24	<b>2.27</b>		0.48	<b>2.03</b>		1.50	<b>3.70</b>		1.23	<b>3.77</b>		0.34	
<b>D48QWN</b>	<b>1.17</b>		1.19	<b>2.04</b>		1.66	<b>1.26</b>		0.86	<b>3.19</b>		1.19	<b>3.69</b>		1.70	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	1.17			2.04			1.26			3.28			3.69			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.05			0.12			0.17			0.08			0.61			
<b>Labs Included</b>	3			3			3			3			3			
<b>Labs Reporting</b>	3			3			3			3			3			



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CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>42C7EX</b>	<b>4.93</b>	1.22	0.17	<b>3.80</b>	0.99	0.67	<b>3.29</b>	1.98	1.28	<b>1.03</b>	0.30	0.87	<b>1.31</b>	1.40	0.43
<b>6NKG3T</b>	<b>2.81</b>	-0.94	0.22	<b>2.91</b>	-0.14	0.74	<b>1.94</b>	0.13	0.49						
<b>7L929R</b>	<b>3.04</b>	-0.70	0.48	<b>3.13</b>	0.14	1.03	<b>2.24</b>	0.53	0.28						
<b>8NCFMP</b>	<b>4.50</b>	0.78		<b>2.50</b>	-0.67		<b>1.70</b>	-0.20	0.00						
<b>92XAFU</b>	<b>3.73</b>	0.00	0.20	<b>3.30</b>	0.35	0.53	<b>1.97</b>	0.17	0.40	<b>0.20</b>	-1.65	0.00	<b>0.20</b>	-1.02	0.00
<b>AKJYTE</b>	<b>3.10</b>	-0.64	0.30	<b>2.84</b>	-0.24	0.03	<b>1.75</b>	-0.13	0.19				<b>0.40</b>	-0.58	0.00
<b>C7XA8G</b>	<b>4.59</b>	0.87	0.93	<b>3.28</b>	0.32	0.85	<b>1.59</b>	-0.34	1.89	<b>1.08</b>	0.41	1.14	<b>0.96</b>	0.64	0.22
<b>D48QWN</b>	<b>15.10</b>	11.57X	0.98	<b>4.65</b>	2.08	0.38	<b>0.85</b>	-1.36	0.20	<b>0.90</b>	0.00	0.16	<b>7.35</b>	14.58X	0.84
<b>GMNZUD</b>	<b>2.75</b>	-1.00	0.30	<b>2.54</b>	-0.62	0.63	<b>1.62</b>	-0.31	0.18						
<b>K2YK4G</b>	<b>3.40</b>	-0.34	2.18	<b>1.54</b>	-1.90	2.02	<b>0.55</b>	-1.78	0.98	<b>0.57</b>	-0.78	2.11	<b>0.54</b>	-0.28	2.11
<b>RA6HPH</b>	<b>3.77</b>	0.03	0.40	<b>2.83</b>	-0.24	0.81	<b>1.97</b>	0.17	0.40	<b>1.10</b>	0.47	0.00	<b>1.03</b>	0.80	1.37
<b>Z4C4F3</b>	<b>4.60</b>	0.88	1.92	<b>3.33</b>	0.40	1.63	<b>2.57</b>	0.99	2.25	<b>0.43</b>	-1.10	0.67	<b>0.67</b>	0.00	0.68

CaCO3 Content (SubTestCode 185) in the Content Property Groups						Data units: Percent	
	SRS1906		SRS1907		SRS1908	SRS1909	SRS1910
<b>Grand Median</b>	3.73		3.02		1.85	0.90	0.67
<b>Median Abs Dev</b>	0.77		0.29		0.24	0.20	0.29
<b>Avg Within Lab SD</b>	0.29		0.19		0.14	0.09	0.08
<b>Labs Included</b>	11		12		12	7	7
<b>Labs Reporting</b>	12		12		12	7	8



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>6ZAD4Q</b>	<b>8.30</b>	0.11	1.76	<b>9.53</b>	0.00	0.37	<b>15.17</b>	-0.36	0.61	<b>8.17</b>	-0.28	1.95	<b>17.90</b>	-0.34	0.84	
<b>8NCFMP</b>	<b>8.67</b>	0.34	0.17	<b>10.20</b>	0.29	0.24	<b>17.10</b>	0.24	0.09	<b>9.17</b>	0.11	0.73	<b>19.13</b>	0.00	0.69	
<b>A2GFDZ</b>	<b>7.24</b>	-0.54		<b>7.67</b>	-0.81		<b>15.06</b>	-0.40		<b>7.27</b>	-0.62		<b>16.87</b>	-0.62		
<b>AKJYTE</b>	<b>7.41</b>	-0.43	1.26	<b>8.93</b>	-0.26	0.75	<b>16.33</b>	0.00	0.37	<b>8.89</b>	0.00	0.44	<b>19.63</b>	0.14	0.99	
<b>CEREZH</b>	<b>6.01</b>	-1.29	0.58	<b>6.46</b>	-1.34	1.39	<b>12.67</b>	-1.14	0.28	<b>7.28</b>	-0.62	1.06	<b>15.10</b>	-1.10	0.50	
<b>D48QWN</b>	<b>5.73</b>	-1.46	0.25	<b>7.05</b>	-1.08	0.53	<b>10.19</b>	-1.92	2.59	<b>7.69</b>	-0.46	0.03	<b>13.93</b>	-1.42	0.47	
<b>GTF32J</b>	<b>8.11</b>	0.00	0.82	<b>10.13</b>	0.26	0.39	<b>16.85</b>	0.16	0.06	<b>11.29</b>	0.92	0.15	<b>21.07</b>	0.53	0.11	
<b>NMA8FG</b>	<b>10.31</b>	1.35	1.11	<b>12.41</b>	1.25	1.72	<b>19.26</b>	0.91	0.65	<b>13.41</b>	1.73	1.06	<b>21.99</b>	0.78	1.08	
<b>Z4C4F3</b>	<b>9.00</b>	0.54		<b>11.33</b>	0.78	1.39	<b>19.33</b>	0.94	0.53	<b>12.33</b>	1.32	1.11	<b>23.33</b>	1.15	2.04	

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	8.11			9.53			16.3			8.89			19.1			
<b>Median Abs Dev</b>	0.87			1.80			1.3			1.62			2.3			
<b>Avg Within Lab SD</b>	0.35			0.42			1.1			0.52			1.0			
<b>Labs Included</b>	9			9			9			9			9			
<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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
	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>42C7EX</b>	<b>15.2</b>	-0.2	0.2	<b>13.1</b>	-0.5	1.2	<b>20.3</b>	-0.9	1.7	<b>7.5</b>	-1.3	1.4	<b>15.6</b>	-0.3	0.5
<b>A78MXT</b>	<b>12.8</b>	-0.5	1.0	<b>12.5</b>	-0.5	1.1	<b>18.3</b>	-1.2	0.9	<b>6.0</b>	-2.1	0.2	<b>15.1</b>	-0.6	0.1
<b>H7HV72</b>	<b>23.6</b>	1.0	0.3	<b>22.9</b>	0.9	0.4	<b>34.0</b>	0.7	0.3	<b>10.9</b>	0.4	0.4	<b>16.9</b>	0.2	0.2
<b>HMNLFX</b>	<b>23.0</b>	0.9		<b>21.0</b>	0.7		<b>33.7</b>	0.7	0.9	<b>10.0</b>	0.0		<b>16.7</b>	0.1	0.3
<b>KXZ99G</b>	<b>16.3</b>	0.0	1.8	<b>15.6</b>	-0.1	1.1	<b>27.9</b>	0.0	2.0	<b>11.4</b>	0.7	1.2	<b>19.3</b>	1.1	0.4
<b>N7FGZT</b>	<b>24.1</b>	1.1	0.6	<b>23.3</b>	1.0	0.2	<b>35.2</b>	0.9	0.4	<b>18.1</b>	4.1X	5.0	<b>20.3</b>	1.5	1.7
<b>NMA8FG</b>	<b>16.5</b>	0.0	0.6	<b>16.3</b>	0.0	0.6	<b>24.9</b>	-0.4	0.6	<b>10.0</b>	0.0	0.4	<b>15.8</b>	-0.3	2.7
<b>NYE3D8</b>	<b>24.0</b>	1.1	0.9	<b>21.6</b>	0.8	1.4	<b>35.1</b>	0.9	0.2	<b>10.7</b>	0.4	0.2	<b>19.3</b>	1.1	0.1
<b>UDEHV9</b>	<b>16.5</b>	0.0	1.9	<b>14.1</b>	-0.3	1.9	<b>25.5</b>	-0.3	1.1	<b>8.7</b>	-0.7	1.2	<b>16.5</b>	0.0	0.3
<b>XV6PK3</b>	<b>10.0</b>	-0.9	0.3	<b>8.5</b>	-1.1	0.1	<b>15.9</b>	-1.4	0.7	<b>7.8</b>	-1.1	1.8	<b>14.6</b>	-0.8	0.3
<b>Z3XKV7</b>	<b>27.8</b>	1.6	0.7	<b>27.1</b>	1.5	0.1	<b>28.7</b>	0.1	0.3	<b>10.3</b>	0.1	0.6	<b>12.4</b>	-1.6	0.1

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	16.5			16.3			27.9			10.0			16.5		
<b>Median Abs Dev</b>	6.4			4.7			6.0			1.1			1.5		
<b>Avg Within Lab SD</b>	0.4			0.7			0.7			0.3			1.8		
<b>Labs Included</b>	11			11			11			10			11		
<b>Labs Reporting</b>	11			11			11			11			11		



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>42C7EX</b>	<b>1.59</b>	0.76	1.29	<b>1.46</b>	0.62	0.01	<b>1.42</b>	0.06	0.08	<b>1.42</b>	0.38	1.30	<b>1.25</b>	0.00	0.58	
<b>8NCFMP</b>	<b>1.50</b>	0.00		<b>1.44</b>	0.51	0.00	<b>1.46</b>	0.48	0.00	<b>1.42</b>	0.43	0.26	<b>1.32</b>	0.52	0.46	
<b>K2YK4G</b>	<b>1.37</b>	-1.11	0.86	<b>1.17</b>	-1.23	1.76	<b>1.30</b>	-1.16	1.78	<b>1.18</b>	-1.46	2.00	<b>1.09</b>	-1.28	1.90	
<b>N7FGZT</b>	<b>48.27</b>	400.28X	134.34													
<b>NYE3D8</b>	<b>1.37</b>	-1.08	1.14	<b>1.20</b>	-1.02	1.09	<b>1.31</b>	-1.02	1.43	<b>1.21</b>	-1.18	0.26	<b>1.11</b>	-1.08	1.13	
<b>R3LUVV</b>	<b>1.38</b>	-1.03	1.31	<b>1.19</b>	-1.06	1.61	<b>1.30</b>	-1.12	1.25	<b>1.21</b>	-1.23	1.02	<b>1.13</b>	-0.97	1.24	
<b>TEEBKW</b>	<b>1.55</b>	0.43	0.50	<b>1.36</b>	0.00	0.25	<b>1.50</b>	0.89	0.41	<b>1.37</b>	0.05	0.26	<b>1.36</b>	0.83	0.17	
<b>XKJ3GM</b>	<b>1.54</b>	0.31	0.57	<b>1.41</b>	0.30	0.29	<b>1.41</b>	0.00	0.24	<b>1.37</b>	0.00	0.26	<b>1.26</b>	0.04	0.00	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	1.50			1.36			1.41			1.37			1.25			
<b>Median Abs Dev</b>	0.09			0.10			0.09			0.06			0.11			
<b>Avg Within Lab SD</b>	0.02			0.04			0.02			0.02			0.03			
<b>Labs Included</b>	7			7			7			7			7			
<b>Labs Reporting</b>	8			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	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	71.4	-2.3	0.4	38.1	1.6	0.2	54.8	-0.8	0.2	61.0	0.6	0.1	31.8	1.3	0.2	
2Q2XZU	77.9	-0.4	0.5	28.3	-0.1	0.5	57.1	-0.3	0.3	50.8	-1.0	0.5	22.1	-0.2	0.6	
42C7EX	81.6	0.6	0.4	31.2	0.4	0.6	62.2	0.9	0.8	53.8	-0.6	0.6	25.2	0.3	0.1	
8NCFMP	21.0	-16.8X	0.4	27.5	-0.3	0.3	40.5	-4.1X	0.2	51.0	-1.0	0.7	24.0	0.1	0.9	
A78MXT	73.1	-1.8	0.2	24.2	-0.8	0.1	51.5	-1.6	0.3	47.1	-1.6	0.1	14.9	-1.3	0.4	
AKJYTE	80.7	0.4	0.4	27.1	-0.3	0.3	60.4	0.4	0.5	60.9	0.6	0.9	19.9	-0.5	0.6	
BGZT4W	80.0	0.2		32.0	0.5		60.0	0.4		58.0	0.1		26.0	0.4		
BHWMRN	77.9	-0.5	1.1	29.1	0.0	1.9	58.4	0.0	1.3	57.3	0.0	1.1	20.0	-0.5		
CEREZH	77.5	-0.6	0.4	22.9	-1.1	0.4	51.5	-1.6	0.2	50.5	-1.1	0.4	11.9	-1.8	0.5	
EJE3C7	81.3	0.5	0.3	26.5	-0.4	0.7	59.0	0.1	0.1	57.5	0.0	0.2	18.9	-0.7	1.1	
F6DC3R	81.0	0.4		29.0	0.0		58.0	-0.1		69.0	1.8		60.0	5.6X		
GMNZUD	83.0	1.0	0.1	37.1	1.4	0.9	63.6	1.2	0.2	69.8	2.0	2.3	29.6	1.0	1.3	
GTF32J	81.7	0.6	0.0	23.4	-1.0	0.1	58.0	-0.1	0.1	59.2	0.3	0.2	16.8	-1.0	0.2	
H2KZFR	79.1	-0.1	0.0	33.1	0.7	0.0	54.9	-0.8	0.0	56.1	-0.2	0.0	28.9	0.9	0.0	
HMNLFX	72.0	-2.1		32.0	0.5		61.0	0.6		61.0	0.6		24.0	0.1		
KXZ99G	78.4	-0.3	0.4	32.6	0.6	1.1	61.4	0.7	0.2	59.7	0.4	0.6	29.2	0.9	0.7	
MWWNA 7	77.9	-0.5	0.3	20.3	-1.5	2.0	54.1	-1.0	0.2	52.5	-0.8	0.7	19.6	-0.6	0.6	
PAETWT	81.3	0.5	1.8	30.0	0.2	2.2	61.3	0.7	0.5	57.3	0.0	0.8	27.3	0.6	2.0	
PHQ7FA	79.5	0.0	3.5	25.1	-0.7	1.6	50.9	-1.7	4.0	52.5	-0.8	2.6	20.9	-0.4	1.3	
QMXKND	81.7	0.6	0.4	35.7	1.1	0.4	63.0	1.1	0.4	60.0	0.4	0.7	30.0	1.0	0.9	
R3LUVV	77.3	-0.6	0.4	27.0	-0.4		58.3	0.0	0.2	52.7	-0.7	0.4	21.7	-0.3	0.5	
UDEHV9	80.5	0.3	1.0	30.5	0.3	0.8	61.2	0.6	0.6	53.9	-0.5	1.6	25.2	0.3	2.2	
V9GTWV	77.0	-0.7		23.0	-1.0		57.0	-0.3		54.3	-0.5	0.8	19.7	-0.6	1.0	
XKJ3GM	78.0	-0.4		30.0	0.2		62.0	0.8		58.7	0.2	0.8	23.3	0.0	1.0	
XYLX2	81.7	0.6	0.5	24.5	-0.8	0.8	53.6	-1.1	0.0	50.0	-1.2		10.4	-2.0	1.4	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>XV6PK3</b>	<b>81.0</b>	0.4		<b>41.0</b>	2.1		<b>61.0</b>	0.6		<b>61.0</b>	0.6		<b>27.0</b>	0.6		
<b>Z3XKV7</b>	<b>83.9</b>	1.3		<b>33.7</b>	0.8		<b>59.7</b>	0.3		<b>65.6</b>	1.3		<b>29.6</b>	1.0		
<b>Z4C4F3</b>	<b>78.7</b>	-0.2	0.4	<b>27.7</b>	-0.2	0.4	<b>57.3</b>	-0.3	0.2	<b>56.3</b>	-0.2	0.4	<b>22.0</b>	-0.2	0.9	
Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	79.5			29.0			58.4			57.3			23.3			
<b>Median Abs Dev</b>	1.9			3.3			2.8			3.6			3.7			
<b>Avg Within Lab SD</b>	1.3			1.6			2.4			1.4			1.1			
<b>Labs Included</b>	27			28			27			28			27			
<b>Labs Reporting</b>	28			28			28			28			28			



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	12.9	0.9	0.1	48.9	-1.5	0.1	11.0	-1.0	0.1	27.0	-1.3	0.2	43.3	-1.0	1.0	
2Q2XZU	10.4	0.1	1.2	59.2	0.0	0.3	17.9	0.3	0.3	42.9	0.7	0.6	52.9	0.5	0.6	
42C7EX	7.5	-0.8	0.8	55.2	-0.6	0.8	12.2	-0.8	0.7	40.4	0.4	0.2	46.6	-0.5	0.4	
8NCFMP	69.8	18.4X	0.6	62.0	0.4		35.3	3.6X	0.3	45.5	1.0	1.1	53.0	0.5	0.9	
A78MXT	11.9	0.5	0.2	58.4	-0.1	0.3	17.9	0.3	0.1	43.3	0.7	0.2	52.7	0.4	0.2	
AKJYTE	10.2	0.0	0.1	63.6	0.7	0.1	18.6	0.4	0.4	37.6	0.0	0.7	55.6	0.9	0.2	
BGZT4W	12.0	0.6		59.7	0.1	0.3	18.7	0.4	0.5	44.0	0.8		48.7	-0.2	0.5	
BHWMRN	8.5	-0.5	1.2	56.4	-0.4	2.2	14.2	-0.4	1.8	35.9	-0.2	0.0	49.8	0.0	1.3	
CEREZH	11.7	0.5	0.5	64.3	0.8	0.3	21.7	1.0	0.3	44.7	0.9	0.4	59.3	1.4	0.5	
EJE3C7	8.1	-0.6	0.2	60.1	0.1	0.6	16.7	0.1	0.2	36.4	-0.2	0.3	51.3	0.2	0.6	
F6DC3R	12.0	0.6		64.0	0.7		25.0	1.6		28.0	-1.2		19.0	-4.7X		
GMNZUD	7.1	-0.9	0.3	52.1	-1.1	0.7	13.5	-0.5	0.2	27.5	-1.3	2.4	45.9	-0.6	1.4	
GTF32J	8.4	-0.6	0.2	63.9	0.7	0.1	16.4	0.0	0.2	35.5	-0.3	0.4	55.4	0.9	0.6	
H2KZFR	12.0	0.6	0.0	47.8	-1.7	0.0	15.9	-0.1	0.0	30.8	-0.9	0.0	41.7	-1.2	0.0	
HMNLFX	10.0	-0.1		49.0	-1.5		8.0	-1.6		28.0	-1.2		45.0	-0.7		
KXZ99G	9.8	-0.1	0.2	54.1	-0.8	0.7	13.3	-0.6	0.1	34.5	-0.4	0.0	44.8	-0.8	1.1	
MWWNA 7	8.4	-0.6	0.6	60.4	0.2	0.9	16.6	0.0	0.8	39.0	0.2	0.3	48.5	-0.2	0.4	
PAETWT	13.0	0.9	1.6	60.3	0.2	1.5	19.7	0.6	0.5	39.3	0.2	1.8	51.7	0.3	1.0	
PHQ7FA	14.0	1.2	2.9	66.4	1.1	3.0	31.6	2.9	3.5	44.9	0.9	1.8	59.6	1.5	0.9	
QMXKND	4.3	-1.8	0.9	46.3	-1.9	0.6	9.0	-1.4		25.7	-1.5	0.4	40.0	-1.5	0.9	
R3LUVV	10.8	0.2	1.1	59.4	0.0	0.6	17.2	0.1	0.3	41.9	0.5	0.5	51.9	0.3	0.6	
UDEHV9	11.6	0.4	1.1	61.6	0.3	1.0	16.3	0.0	1.3	42.3	0.6	2.3	48.9	-0.1	2.1	
V9GTWV	9.0	-0.4		58.3	-0.1	0.6	14.3	-0.4	0.5	37.7	0.0	0.9	48.3	-0.2	1.0	
XKJ3GM	8.0	-0.7		52.0	-1.1		10.0	-1.2		33.3	-0.5	0.9	46.7	-0.5	1.0	
XYLX2	5.0	-1.6	1.0	60.1	0.1	1.0	15.5	-0.2	0.9	44.4	0.9	0.6	57.2	1.1	2.3	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>XV6PK3</b>	<b>12.0</b>	0.6		<b>52.0</b>	-1.1		<b>20.0</b>	0.7		<b>34.0</b>	-0.5		<b>54.0</b>	0.6		
<b>Z3XKV7</b>	<b>4.0</b>	-1.9		<b>52.1</b>	-1.1		<b>12.0</b>	-0.8		<b>28.2</b>	-1.2		<b>40.1</b>	-1.5		
<b>Z4C4F3</b>	<b>12.7</b>	0.8	0.5	<b>62.3</b>	0.5	0.3	<b>20.3</b>	0.7	0.3	<b>41.0</b>	0.4	0.8	<b>54.0</b>	0.6	0.9	
Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	10.2			59.3			16.4			37.6			49.8			
<b>Median Abs Dev</b>	1.8			4.2			2.9			5.0			3.9			
<b>Avg Within Lab SD</b>	1.3			2.1			2.2			1.3			1.2			
<b>Labs Included</b>	27			28			27			28			27			
<b>Labs Reporting</b>	28			28			28			28			28			



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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	
24M632	15.7	1.3	0.6	12.9	0.0	0.1	34.2	1.7	0.5	12.0	1.6		24.9	-0.5	1.4	
2Q2XZU	11.7	0.2	0.8	12.5	-0.1		25.0	-0.1		6.3	0.1		25.0	-0.4		
42C7EX	10.9	0.0	0.6	13.6	0.1	0.8	25.6	0.0	1.0	5.8	0.0	1.6	28.2	0.2	0.6	
8NCFMP	9.2	-0.4	0.3	10.5	-0.6	0.4	24.2	-0.2	0.3	3.5	-0.6	0.7	23.0	-0.8		
A78MXT	15.0	1.1	0.6	17.4	0.9	0.3	30.6	1.0	0.5	9.5	1.0	0.4	32.5	1.1	0.4	
AKJYTE	9.1	-0.5	0.4	9.3	-0.8	0.3	21.0	-0.9	0.4	1.5	-1.1	0.2	24.5	-0.5	0.8	
BGZT4W	8.0	-0.8		8.3	-1.0	0.5	21.3	-0.8	1.0	-2.0	-1.9		25.3	-0.4	0.6	
BHWMRN	13.6	0.7	1.7	14.5	0.3	1.2	27.4	0.4	1.4	6.8	0.3	2.0	30.2	0.6	1.6	
CEREZH	10.8	0.0	0.0	12.8	-0.1	0.0	26.8	0.3	0.0	4.8	-0.2	0.0	28.8	0.3	0.0	
EJE3C7	10.6	-0.1	0.2	13.4	0.1	0.1	24.3	-0.2	0.6	6.1	0.1	0.2	29.9	0.5	0.5	
F6DC3R	7.0	-1.0		7.0	-1.3		17.0	-1.6		3.0	-0.7		21.0	-1.2		
GMNZUD	9.8	-0.3	0.3	10.8	-0.5	0.1	22.9	-0.5	0.1	2.6	-0.8	0.0	24.5	-0.5	0.1	
GTF32J	10.0	-0.2	0.3	12.8	-0.1	0.2	25.6	0.0	0.5	5.3	-0.1	0.6	27.8	0.1	0.6	
H2KZFR	8.8	-0.5	0.0	19.1	1.3	0.0	29.2	0.7	0.0	13.2	1.9	0.0	29.4	0.4	0.0	
HMNLFX	18.0	1.9		19.0	1.3		31.0	1.1		11.0	1.3		31.0	0.8		
KXZ99G	11.8	0.3	0.8	13.3	0.0	0.2	25.3	0.0	0.2	5.8	0.0	0.9	26.0	-0.2	0.5	
MWWNA 7	13.8	0.8	0.5	19.3	1.3	1.0	29.3	0.7	1.1	8.5	0.7	0.8	32.0	1.0	0.1	
PAETWT	5.9	-1.3	1.2	9.5	-0.8	1.1	19.0	-1.2		3.0	-0.7	1.5	21.0	-1.2	2.1	
PHQ7FA	6.5	-1.2	2.6	8.5	-1.0	3.4	17.5	-1.5	2.3	2.6	-0.8	1.6	19.5	-1.5	1.7	
QMXKND	14.0	0.8	1.2	18.0	1.1	0.8	28.0	0.5	0.9	14.3	2.2	0.8	30.0	0.6	1.0	
R3LUVV	11.9	0.3	1.1	13.6	0.1	1.0	24.5	-0.2	0.6	5.4	-0.1	1.2	26.5	-0.1	0.3	
UDEHV9	7.9	-0.8	1.0	7.9	-1.1	0.7	22.5	-0.6	1.8	3.9	-0.5	1.1	25.9	-0.3	0.9	
V9GTWV	14.0	0.8		18.7	1.2	0.9	28.7	0.6	1.0	8.0	0.6		32.0	1.0		
XKJ3GM	14.0	0.8		18.0	1.1		28.0	0.5		8.0	0.6		30.0	0.6		
XYLX2	13.3	0.6	1.7	15.4	0.5	1.1	30.9	1.1	1.8	5.6	0.0	1.0	32.4	1.1	1.6	



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>XV6PK3</b>	<b>7.0</b>	-1.0		<b>7.0</b>	-1.3		<b>19.0</b>	-1.2		<b>5.0</b>	-0.2		<b>19.0</b>	-1.6		
<b>Z3XKV7</b>	<b>12.1</b>	0.3		<b>14.2</b>	0.2		<b>28.3</b>	0.5		<b>6.3</b>	0.2		<b>30.3</b>	0.6		
<b>Z4C4F3</b>	<b>8.7</b>	-0.6	0.7	<b>10.0</b>	-0.7		<b>22.3</b>	-0.6	0.5	<b>2.7</b>	-0.8	0.8	<b>24.0</b>	-0.6		
Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	10.8			13.1			25.4			5.68			27.1			
<b>Median Abs Dev</b>	2.6			3.4			3.0			2.32			2.9			
<b>Avg Within Lab SD</b>	0.9			1.2			1.1			0.75			1.0			
<b>Labs Included</b>	28			28			28			28			28			
<b>Labs Reporting</b>	28			28			28			28			28			





## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS1906				SRS1907				SRS1908				SRS1909				SRS1910		
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>GMNZUD</b>	<b>11.6</b>		1.0	<b>23.8</b>		1.0	<b>22.7</b>		1.0	<b>14.5</b>		1.0	<b>32.0</b>		1.0			

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups						Data units: %		
SRS1906		SRS1907		SRS1908		SRS1909		SRS1910
<b>Grand Median</b>	11.6	23.8	22.7	14.5	32.0			
<b>Median Abs Dev</b>								
<b>Avg Within Lab SD</b>	0.1	0.4	0.1	0.7	0.2			
<b>Labs Included</b>	1	1	1	1	1			
<b>Labs Reporting</b>	1	1	1	1	1			



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS1906				SRS1907				SRS1908				SRS1909				SRS1910		
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>GMNZUD</b>	<b>6.19</b>		1.00	<b>8.07</b>		1.00	<b>13.98</b>		1.00	<b>4.65</b>		1.00	<b>16.24</b>		1.00			

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS1906				SRS1907				SRS1908				SRS1909				SRS1910		
<b>Grand Median</b>	6.19			8.07			14.0			4.65			16.2					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.12			0.07			0.1			0.04			0.1					
<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: %		
													SRS1910		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910		
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>GMNZUD</b>	<b>5.37</b>		0.92	<b>15.71</b>		1.38	<b>8.72</b>		0.52	<b>9.80</b>		1.41	<b>15.78</b>		0.67
<b>J9JJ2G</b>	<b>1.41</b>		1.07	<b>1.70</b>		0.29	<b>4.36</b>		1.32	<b>1.79</b>		0.09	<b>4.81</b>		1.25
Available Water Content (SubTestCode 194) in the Moisture Property Groups													Data units: %		
													SRS1910		
SRS1906				SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	3.39			8.70			6.54			5.79			10.3		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.05			0.25			0.18			0.51			0.4		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
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>HVGT2N</b>	<b>477.8</b>		0.9	<b>508.2</b>		1.2	<b>528.8</b>		1.3	<b>2,315.4</b>		1.4	<b>492.2</b>		1.3
<b>XTYLX2</b>	<b>376.7</b>		1.1	<b>421.7</b>		0.8	<b>442.3</b>		0.5	<b>1,984.3</b>		0.4	<b>437.7</b>		0.5
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910		
<b>Grand Median</b>	427.2			464.9			485.6			2,149.9			464.9		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	26.2			12.2			11.9			55.8			16.5		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
	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>6ZAD4Q</b>	<b>7.7</b>		1.4	<b>13.0</b>		1.4	<b>24.7</b>		1.6	<b>6.3</b>		1.4	<b>5.3</b>		1.2	
<b>8NCFMP</b>	<b>9.0</b>			<b>13.0</b>			<b>25.5</b>		0.4	<b>7.0</b>			<b>5.0</b>			
<b>RZGKYD</b>	<b>9.2</b>		0.4	<b>12.9</b>		0.0	<b>24.3</b>		0.5	<b>7.2</b>		0.1	<b>5.9</b>		0.7	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS1906			SRS1907			SRS1908			SRS1909			SRS1910			
<b>Grand Median</b>	9.00			13.0			24.7			7.00			5.33			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	1.52			0.7			1.3			1.08			0.48			
<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					
SRS1906				SRS1907				SRS1908				SRS1909				SRS1910			
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>8NCFMP</b>										<b>20.17</b>		<b>1.00</b>		<b>2.00</b>					

DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg					
SRS1906				SRS1907				SRS1908				SRS1909				SRS1910			
<b>Grand Median</b>										20.2		2.00							
<b>Median Abs Dev</b>										0.00		0.00							
<b>Avg Within Lab SD</b>										0.00		0.00							
<b>Labs Included</b>										0		0							
<b>Labs Reporting</b>										0		0							





## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

Dry Matter (%) (SubTestCode 201)													Data units: Percent		
WebCode	SRB1905			SRB1906			SRB1907			SRB1908					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2Q2XZU	93.2	-0.2	0.2	94.1	-0.3	0.3	92.6	0.1	0.1	93.4	0.0	0.2			
39EBYX	96.1	2.2	0.0	96.7	1.9	0.3	94.5	1.3	0.0	95.4	1.8	0.0			
8NCFMP	93.1	-0.3	0.0	94.1	-0.3	0.0	91.9	-0.4	0.0	93.0	-0.3				
8TNK3W	94.2	0.6	0.0	95.1	0.5	0.0	93.6	0.7	0.0	94.6	1.1	0.0			
ADLAAP	94.7	1.0	1.2	95.3	0.7	1.0	94.0	1.0	1.5	93.8	0.4	0.5			
D48QWN	93.5	0.0	1.3	94.5	0.0	0.3	92.4	-0.1	2.6	93.3	-0.1	1.1			
HVGT2N	93.6	0.1	0.4	94.7	0.2	2.0	92.4	-0.1	0.3	93.8	0.4	0.9			
KXZ99G	92.2	-1.0	0.3	93.5	-0.8	0.5	91.8	-0.5	0.1	92.8	-0.5	0.1			
N7FGZT	93.4	0.0	0.2	94.5	0.0	0.8	92.5	0.0	1.7	93.2	-0.2	2.0			
PNAZHE	91.9	-1.3	0.0	93.1	-1.1	0.0	90.7	-1.2	0.0	91.8	-1.4	0.0			
PNB8U2	95.2	1.4	0.7	95.7	1.1	0.7	96.1	2.4	0.2	94.7	1.2	0.8			
QJFYNY	94.1	0.6	3.2	96.1	1.3	0.9	94.0	1.0	0.7	94.8	1.3	0.9			
QMXKND	92.4	-0.9	0.6	93.2	-1.0	0.9	91.3	-0.8	1.5	92.4	-0.8	2.4			
XTYLX2	93.1	-0.3	0.7	93.4	-0.9	2.5	92.4	-0.1	0.3	92.9	-0.4	0.5			
Z3XKV7	93.5	0.0	0.2	94.5	0.0	0.2	93.2	0.5	0.4	93.5	0.1	0.4			

Dry Matter (%) (SubTestCode 201)					Data units: Percent	
	SRB1905	SRB1906	SRB1907	SRB1908		
Grand Median	93.5	94.5	92.5	93.4		
Median Abs Dev	0.7	0.8	0.7	0.5		
Avg Within Lab SD	0.2	0.1	0.1	0.1		
Labs Included	15	15	15	15		
Labs Reporting	15	15	15	15		





## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

### NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>2Q2XZU</b>	<b>32.8</b>	-0.2	0.1	<b>20,526.1</b>	0.5	0.7	<b>100.7</b>	0.3	0.1	<b>9,101.9</b>	0.4	0.1
<b>A2GFDZ</b>	<b>26.0</b>	-0.4	0.1	<b>22,286.7</b>	1.0	0.1	<b>61.0</b>	-0.2	0.1	<b>9,952.3</b>	0.9	0.1
<b>BGZT4W</b>	<b>70.9</b>	0.6	0.1	<b>19,790.7</b>	0.3	1.5	<b>79.9</b>	0.0	0.1	<b>10,588.8</b>	1.3	3.3
<b>D3VDRR</b>	<b>105.0</b>	1.4	1.1	<b>19,039.3</b>	0.0	0.7	<b>944.3</b>	11.3X	3.0	<b>9,169.7</b>	0.4	0.4
<b>D48QWN</b>	<b>83.0</b>	0.9	0.1	<b>21,180.7</b>	0.7	1.7	<b>95.3</b>	0.2	0.1	<b>9,806.3</b>	0.8	0.4
<b>FQAV4D</b>	<b>169.0</b>	2.9	2.8	<b>18,836.7</b>	0.0	2.1	<b>198.3</b>	1.6	2.9	<b>8,054.7</b>	-0.3	0.8
<b>HVGT2N</b>	<b>32.5</b>	-0.2	0.0	<b>18,789.6</b>	0.0	0.8	<b>50.4</b>	-0.4	0.0	<b>10,582.5</b>	1.3	0.5
<b>N7FGZT</b>	<b>20.1</b>	-0.5	0.0	<b>390.7</b>	-5.6X	0.0	<b>39.1</b>	-0.5	0.0	<b>187.6</b>	-5.1X	0.0
<b>PAETWT</b>	<b>35.1</b>	-0.2	0.1	<b>20,100.0</b>	0.4	1.2	<b>45.5</b>	-0.5	0.0	<b>8,163.3</b>	-0.2	0.6
<b>QMXKND</b>	<b>65.0</b>	0.5	0.0	<b>20,726.9</b>	0.5	0.5	<b>165.9</b>	1.1	0.1	<b>8,768.9</b>	0.2	0.0
<b>RA6HPH</b>	<b>21.0</b>	-0.5	0.3	<b>11,733.3</b>	-2.2	0.1	<b>31.3</b>	-0.6	0.0	<b>4,793.3</b>	-2.3	0.8
<b>RZGKYD</b>	<b>233.5</b>	4.4X	0.3	<b>17,758.8</b>	-0.4	0.2				<b>8,143.9</b>	-0.2	0.2
<b>UDEHV9</b>	<b>50.9</b>	0.2	0.4	<b>11,400.0</b>	-2.3	1.0	<b>159.7</b>	1.0	0.8	<b>7,036.7</b>	-0.9	0.3
<b>UECTQB</b>	<b>51.7</b>	0.2	2.1	<b>17,432.3</b>	-0.5	0.3	<b>71.7</b>	-0.1	0.9	<b>8,258.7</b>	-0.2	0.5
<b>Y4YVE4</b>	<b>22.7</b>	-0.5	0.1	<b>16,386.3</b>	-0.8	0.5	<b>247.0</b>	2.2	1.8	<b>8,104.7</b>	-0.3	0.3

### NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

	SRB1905	SRB1906	SRB1907	SRB1908
<b>Grand Median</b>	43.0	18,938.0	79.9	8,513.8
<b>Median Abs Dev</b>	21.2	1,546.9	34.4	622.0
<b>Avg Within Lab SD</b>	20.1	853.5	41.3	447.8
<b>Labs Included</b>	14	14	13	14
<b>Labs Reporting</b>	15	15	14	15



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NO3 - N ISE (SubTestCode 203)												Data units: mg/kg
WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>8NCFMP</b>	<b>182.7</b>	0.7	0.0	<b>20,200.0</b>			<b>174.2</b>	0.0	0.0	<b>9,086.0</b>	0.5	0.3
<b>A78MXT</b>	<b>113.7</b>	0.0	1.8	<b>18,366.7</b>		0.2	<b>148.3</b>	-0.4	0.8	<b>8,953.3</b>	0.0	0.2
<b>HDDJVW</b>	<b>47.3</b>	-0.7	1.0	<b>17,233.3</b>		1.7	<b>81.3</b>	-1.5	0.9	<b>8,686.7</b>	-1.0	2.1
<b>NMA8FG</b>	<b>111.3</b>	0.0	0.7	<b>6,957.2</b>	<b>X</b>	15.4	<b>212.5</b>	0.6	0.5	<b>8,748.0</b>	-0.8	0.6
<b>PNAZHE</b>	<b>288.6</b>	1.9	0.2	<b>18,922.0</b>		0.3	<b>219.6</b>	0.8	1.8	<b>9,248.6</b>	1.1	0.5

NO3 - N ISE (SubTestCode 203)												Data units: mg/kg
	SRB1905			SRB1906			SRB1907			SRB1908		
<b>Grand Median</b>	113.7			18,644.3			174.2			8,953.3		
<b>Median Abs Dev</b>	66.3						38.4			205.4		
<b>Avg Within Lab SD</b>	12.9			659.7			11.0			215.5		
<b>Labs Included</b>	5			4			5			5		
<b>Labs Reporting</b>	5			5			5			5		



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

NO3 - N Oth. (SubTestCode 204)											Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>8TNK3W</b>				<b>16,639.3</b>	-0.4	0.3				<b>7,835.0</b>	-0.5	0.0
<b>98ZXXG</b>	<b>1,756.0</b>		1.6	<b>20,810.4</b>	0.1	1.6	<b>2,947.1</b>		2.0	<b>11,016.0</b>	0.3	1.8
<b>NMA8FG</b>	<b>1.6</b>		0.0	<b>6.6</b>	-2.5	0.0	<b>2.0</b>		0.0	<b>3.8</b>	-2.3	0.0
<b>UL86VZ</b>				<b>22,866.3</b>	0.4	1.5	<b>122.0</b>		0.2	<b>10,815.4</b>	0.3	1.3
<b>XTYLX2</b>	<b>398.3</b>		0.7	<b>19,855.0</b>	0.0	0.2	<b>573.3</b>		0.2	<b>9,733.3</b>	0.0	0.3
NO3 - N Oth. (SubTestCode 204)											Data units: mg/kg	
	SRB1905			SRB1906			SRB1907			SRB1908		
<b>Grand Median</b>	398.3			19,855.0			347.6			9,733.3		
<b>Median Abs Dev</b>				3,011.3						1,282.7		
<b>Avg Within Lab SD</b>	33.5			852.3			72.4			252.8		
<b>Labs Included</b>	3			5			4			5		
<b>Labs Reporting</b>	3			5			4			5		



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NH4-N (SubTestCode 205)										Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>D48QWN</b>	<b>147.3</b>		0.3	<b>212.0</b>		0.5	<b>456.7</b>		1.6	<b>4,124.3</b>	1.2
<b>N7FGZT</b>	<b>291.0</b>		0.1	<b>367.7</b>		0.1	<b>577.0</b>		0.6	<b>4,367.7</b>	0.1
<b>UL86VZ</b>	<b>572.3</b>		1.7	<b>669.7</b>		1.7	<b>684.6</b>		0.3	<b>6,066.1</b>	1.2
NH4-N (SubTestCode 205)										Data units: mg/kg	
	SRB1905			SRB1906			SRB1907			SRB1908	
<b>Grand Median</b>	291.0			367.7			577.0			4,367.7	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	48.9			39.6			15.0			177.1	
<b>Labs Included</b>	3			3			3			3	
<b>Labs Reporting</b>	3			3			3			3	



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PO4 - P (SubTestCode 206)												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>8NCFMP</b>	<b>2,582.3</b>	-0.6	0.2	<b>2,558.1</b>	-0.6	0.3	<b>1,298.9</b>	-0.3	0.1	<b>3,944.4</b>	-1.1	0.0	
<b>98ZXXG</b>	<b>3,469.1</b>	2.0	0.7	<b>3,314.4</b>	1.7	0.3	<b>1,677.1</b>	1.7	0.3	<b>5,109.8</b>	1.4	0.9	
<b>A78MXT</b>	<b>2,993.3</b>	0.6	0.7	<b>2,853.3</b>	0.3	0.2	<b>1,390.0</b>	0.2	0.2	<b>4,623.3</b>	0.4	0.2	
<b>BGZT4W</b>	<b>2,720.2</b>	-0.2	0.7	<b>2,427.7</b>	-1.0	0.6	<b>1,214.1</b>	-0.8	0.4	<b>4,006.1</b>	-0.9	0.8	
<b>D48QWN</b>	<b>3,102.3</b>	0.9	0.1	<b>3,098.0</b>	1.0	0.3	<b>1,612.0</b>	1.4	0.1	<b>4,654.3</b>	0.4	0.2	
<b>FQAV4D</b>	<b>2,375.2</b>	-1.2	0.9	<b>2,161.0</b>	-1.8	1.2	<b>1,437.1</b>	0.4	0.8	<b>3,708.6</b>	-1.6	1.4	
<b>NMA8FG</b>	<b>2,783.3</b>	0.0	2.1	<b>2,836.7</b>	0.2	1.1	<b>1,503.3</b>	0.8	2.9	<b>4,446.7</b>	0.0	0.8	
<b>RZGKYD</b>	<b>2,707.2</b>	-0.2	0.1	<b>2,627.8</b>	-0.4	0.0	<b>1,252.3</b>	-0.6	0.1	<b>4,057.2</b>	-0.8	0.0	
<b>UDEHV9</b>	<b>2,973.3</b>	0.6	0.8	<b>2,906.7</b>	0.5	2.0	<b>1,360.0</b>	0.0	0.8	<b>4,480.0</b>	0.1	0.7	
<b>UECTQB</b>	<b>2,620.7</b>	-0.5	1.8	<b>2,733.0</b>	-0.1	1.7	<b>1,159.3</b>	-1.1	1.1	<b>4,193.0</b>	-0.5	2.2	
<b>Y4YVE4</b>	<b>3,026.7</b>	0.7	0.6	<b>2,753.7</b>	0.0	0.8	<b>1,323.7</b>	-0.2	0.4	<b>4,571.7</b>	0.3	1.4	

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB1905	SRB1906	SRB1907	SRB1908		
<b>Grand Median</b>	2,783.3	2,753.7	1,360.0	4,446.7		
<b>Median Abs Dev</b>	201.0	153.0	107.7	253.7		
<b>Avg Within Lab SD</b>	138.2	143.0	95.7	230.3		
<b>Labs Included</b>	11	11	11	11		
<b>Labs Reporting</b>	11	11	11	11		



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>8NCFMP</b>	<b>429.8</b>		0.0	<b>673.2</b>		1.7	<b>598.7</b>		1.2	<b>1,068.1</b>	0.0
<b>C7XA8G</b>	<b>2,935.0</b>		1.4	<b>2,177.0</b>		0.9	<b>2,937.7</b>		1.5	<b>12,726.7</b>	1.1
<b>D48QWN</b>	<b>603.0</b>		1.4	<b>899.3</b>		0.4	<b>733.3</b>		0.3	<b>10,343.3</b>	0.2
<b>PNAZHE</b>	<b>548.2</b>		0.3	<b>815.4</b>		0.4	<b>689.7</b>		0.4	<b>9,620.2</b>	1.6
SO4 - S (SubTestCode 207)										Data units: mg/kg	
	SRB1905			SRB1906			SRB1907			SRB1908	
<b>Grand Median</b>	575.6			857.4			711.5			9,981.8	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	14.9			36.0			47.0			183.3	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	



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CI (SubTestCode 208)													Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908				
	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>8NCFMP</b>	<b>0.22</b>	2.46	0.28	<b>3.48</b>	1.92	0.26	<b>0.09</b>	-0.04	0.00	<b>5.82</b>	2.39	0.37		
<b>8TNK3W</b>	<b>0.06</b>	-0.10	2.24	<b>2.69</b>	0.05	0.05	<b>0.08</b>	-0.19	0.49	<b>4.09</b>	0.08	0.12		
<b>98ZXXG</b>	<b>0.02</b>	-0.73	0.42	<b>2.75</b>	0.19	2.42	<b>0.10</b>	0.13	2.26	<b>4.43</b>	0.54	2.60		
<b>A2GFDZ</b>	<b>0.12</b>	0.81	0.39	<b>2.75</b>	0.20	0.51	<b>0.29</b>	2.81	0.30	<b>3.93</b>	-0.13	0.58		
<b>A78MXT</b>	<b>0.06</b>	0.00	1.85	<b>2.69</b>	0.06	0.33	<b>0.11</b>	0.29	2.54	<b>4.10</b>	0.09	0.49		
<b>C7XA8G</b>	<b>0.04</b>	-0.29	0.05	<b>2.58</b>	-0.20	0.62	<b>0.09</b>	0.03	0.65	<b>4.03</b>	0.00	0.48		
<b>D3VDRR</b>	<b>0.07</b>	0.07	0.87	<b>2.47</b>	-0.47	0.25	<b>0.09</b>	-0.03	0.37	<b>3.78</b>	-0.33	0.27		
<b>D48QWN</b>	<b>0.10</b>	0.51	2.06	<b>1.67</b>	-2.36	0.20	<b>0.11</b>	0.29	0.85	<b>2.47</b>	-2.08	1.41		
<b>F6DC3R</b>	<b>0.04</b>	-0.36	0.00	<b>2.67</b>	0.00	0.14	<b>0.07</b>	-0.29	0.00	<b>4.10</b>	0.09	0.27		
<b>N7FGZT</b>	<b>0.02</b>	-0.59	0.05	<b>2.79</b>	0.28	0.02	<b>0.06</b>	-0.46	0.26	<b>4.33</b>	0.40	0.06		
<b>QMXKND</b>	<b>0.07</b>	0.04	0.17	<b>2.72</b>	0.12	0.15	<b>0.12</b>	0.45	0.49	<b>4.21</b>	0.24	0.18		
<b>UDEHV9</b>	<b>0.20</b>	2.04	1.03	<b>2.41</b>	-0.61	0.16	<b>0.30</b>	3.05	1.29	<b>3.31</b>	-0.96	0.89		
<b>UECTQB</b>	<b>3.62</b>	54.54X	30.82	<b>2.53</b>	-0.33	1.56	<b>0.08</b>	-0.22	0.42	<b>0.05</b>	-5.31X	0.04		
<b>UL86VZ</b>	<b>0.03</b>	-0.44	0.19	<b>1.36</b>	-3.11	2.37	<b>0.06</b>	-0.48	0.44	<b>2.47</b>	-2.08	1.80		
<b>XYLX2</b>	<b>0.02</b>	-0.66	0.00	<b>2.58</b>	-0.21	0.30	<b>0.06</b>	-0.38	0.49	<b>3.98</b>	-0.06	0.54		
<b>Y4YVE4</b>	<b>0.13</b>	1.02	0.00	<b>4.90</b>	5.30X	1.72	<b>0.21</b>	1.67	0.49	<b>3.54</b>	-0.65	0.88		

CI (SubTestCode 208)													Data units: Percent	
	SRB1905			SRB1906			SRB1907			SRB1908				
<b>Grand Median</b>	0.063			2.67			0.09			4.03				
<b>Median Abs Dev</b>	0.033			0.09			0.02			0.25				
<b>Avg Within Lab SD</b>	0.011			0.11			0.01			0.13				
<b>Labs Included</b>	15			15			16			15				
<b>Labs Reporting</b>	16			16			16			16				



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TKN (SubTestCode 209)													Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908				
	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>8NCFMP</b>	<b>4.64</b>	-0.16	0.30	<b>3.38</b>	0.00	0.61	<b>2.97</b>	1.70	0.68	<b>4.63</b>	-0.19	0.25		
<b>ADLAAP</b>	<b>4.43</b>	-1.39	0.12	<b>3.16</b>	-0.33	0.09	<b>2.53</b>	-0.97	0.07	<b>4.28</b>	-1.02	0.20		
<b>FQAV4D</b>	<b>4.69</b>	0.16	0.36	<b>4.41</b>	1.54	0.22	<b>2.66</b>	-0.19	0.13	<b>5.01</b>	0.72	0.21		
<b>KXZ99G</b>	<b>3.88</b>	-4.57X	8.03	<b>3.58</b>	0.29	2.67	<b>2.81</b>	0.71	2.81	<b>4.79</b>	0.20	2.45		
<b>N7FGZT</b>	<b>4.75</b>	0.53	0.78	<b>3.28</b>	-0.16	0.24	<b>2.82</b>	0.79	0.17	<b>4.71</b>	0.00	0.16		
<b>PAETWT</b>	<b>4.60</b>	-0.35	0.43	<b>3.02</b>	-0.55	0.37	<b>2.63</b>	-0.36	0.35	<b>4.23</b>	-1.13	0.30		
<b>UDEHV9</b>	<b>4.86</b>	1.15	2.00	<b>3.75</b>	0.54	1.09	<b>2.86</b>	1.01	0.60	<b>5.04</b>	0.79	1.58		
<b>VYQ8QW</b>	<b>4.51</b>	-0.92	0.34	<b>2.80</b>	-0.88	0.09	<b>2.64</b>	-0.33	0.06	<b>4.24</b>	-1.12	0.08		
<b>Y4YVE4</b>	<b>4.79</b>	0.74	1.69	<b>4.57</b>	1.77	0.20	<b>2.69</b>	0.00	0.30	<b>5.08</b>	0.89	0.48		

TKN (SubTestCode 209)													Data units: Percent	
	SRB1905			SRB1906			SRB1907			SRB1908				
<b>Grand Median</b>	4.66			3.38			2.69			4.71				
<b>Median Abs Dev</b>	0.11			0.36			0.12			0.33				
<b>Avg Within Lab SD</b>	0.05			0.18			0.15			0.20				
<b>Labs Included</b>	8			9			9			9				
<b>Labs Reporting</b>	9			9			9			9				





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

**Data units: Percent**

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>7NEMXD</b>	<b>4.74</b>	0.12	2.83	<b>4.54</b>	0.82	0.38	<b>2.76</b>	0.62	0.20	<b>5.14</b>	0.48	0.55
<b>8NCFMP</b>	<b>5.08</b>	2.50	0.09	<b>4.76</b>	2.62	0.23	<b>2.95</b>	2.46	0.34	<b>5.51</b>	2.69	0.15
<b>8TNK3W</b>	<b>4.51</b>	-1.48	1.79	<b>4.23</b>	-1.68	0.18	<b>2.64</b>	-0.49	1.45	<b>4.85</b>	-1.23	0.79
<b>A2GFDZ</b>	<b>4.70</b>	-0.20	1.17	<b>4.36</b>	-0.59	0.56	<b>2.62</b>	-0.72	0.91	<b>4.99</b>	-0.41	0.70
<b>A78MXT</b>	<b>4.79</b>	0.46	0.65	<b>4.43</b>	-0.01	2.91	<b>2.59</b>	-0.98	0.85	<b>5.28</b>	1.36	0.95
<b>AKJYTE</b>	<b>4.78</b>	0.36	1.17	<b>4.50</b>	0.56	0.42	<b>2.70</b>	0.06	0.95	<b>5.08</b>	0.15	0.61
<b>BFTR9K</b>	<b>4.70</b>	-0.20	0.14	<b>4.42</b>	-0.10	0.21	<b>2.70</b>	0.03	0.30	<b>5.02</b>	-0.21	0.46
<b>BGZT4W</b>	<b>4.68</b>	-0.34	0.28	<b>4.41</b>	-0.23	0.11	<b>2.67</b>	-0.20	0.15	<b>5.00</b>	-0.31	0.13
<b>C7XA8G</b>	<b>4.66</b>	-0.42	0.38	<b>4.39</b>	-0.40	0.29	<b>2.67</b>	-0.27	0.19	<b>5.00</b>	-0.35	0.20
<b>D3VDRR</b>	<b>4.67</b>	-0.41	1.42	<b>4.43</b>	-0.01	1.05	<b>2.67</b>	-0.26	1.52	<b>5.03</b>	-0.13	2.65
<b>D48QWN</b>	<b>4.69</b>	-0.22	0.75	<b>4.41</b>	-0.23	0.74	<b>2.65</b>	-0.46	0.66	<b>5.01</b>	-0.29	0.35
<b>F6DC3R</b>	<b>4.97</b>	1.69	0.51	<b>4.61</b>	1.46	3.63	<b>2.80</b>	1.03	3.23	<b>5.36</b>	1.80	3.45
<b>HDDJVW</b>	<b>4.67</b>	-0.38	1.96	<b>4.41</b>	-0.18	1.01	<b>2.68</b>	-0.17	1.61	<b>4.99</b>	-0.39	1.28
<b>HVGT2N</b>	<b>4.72</b>	-0.01	0.78	<b>4.44</b>	0.03	0.44	<b>2.65</b>	-0.45	1.81	<b>5.07</b>	0.07	0.38
<b>KH4MQ9</b>	<b>4.75</b>	0.20	0.75	<b>4.44</b>	0.01	0.11	<b>2.74</b>	0.42	0.76	<b>5.07</b>	0.09	0.46
<b>MHJBDL</b>	<b>4.63</b>	-0.64	0.28	<b>4.35</b>	-0.69	0.32	<b>2.63</b>	-0.62	0.26	<b>4.94</b>	-0.67	0.35
<b>N7FGZT</b>	<b>5.06</b>	2.34	0.15	<b>4.70</b>	2.15	0.24	<b>2.90</b>	2.05	0.31	<b>5.40</b>	2.05	0.30
<b>NBQVXD</b>	<b>4.65</b>	-0.54	0.44	<b>4.42</b>	-0.13	0.33	<b>2.67</b>	-0.20	0.21	<b>5.02</b>	-0.22	0.66
<b>NMA8FG</b>	<b>4.75</b>	0.19	0.30	<b>4.47</b>	0.29	0.66	<b>2.69</b>	-0.03	1.39	<b>5.09</b>	0.18	0.62
<b>PNAZHE</b>	<b>4.73</b>	0.01	0.65	<b>4.47</b>	0.29	0.39	<b>2.79</b>	0.98	0.82	<b>5.10</b>	0.27	0.34
<b>PNB8U2</b>	<b>4.75</b>	0.15	0.28	<b>4.47</b>	0.31	0.11	<b>2.73</b>	0.32	0.15	<b>5.02</b>	-0.19	0.26
<b>PQZ9J3</b>	<b>4.94</b>	1.47	1.86	<b>4.57</b>	1.14	0.44	<b>2.84</b>	1.38	0.13	<b>5.20</b>	0.88	0.17
<b>QMXKND</b>	<b>4.67</b>	-0.38	0.25	<b>4.42</b>	-0.13	0.38	<b>2.66</b>	-0.29	0.15	<b>5.02</b>	-0.21	0.60
<b>RA6HPH</b>	<b>4.55</b>	-1.20	0.62	<b>4.33</b>	-0.89	0.69	<b>2.62</b>	-0.69	0.30	<b>4.84</b>	-1.29	0.61
<b>UECTQB</b>	<b>4.71</b>	-0.10	0.49	<b>4.42</b>	-0.12	0.66	<b>2.74</b>	0.48	0.40	<b>5.00</b>	-0.35	1.15
<b>UL86VZ</b>	<b>4.74</b>	0.08	1.00	<b>4.45</b>	0.15	1.02	<b>2.67</b>	-0.23	1.22	<b>5.09</b>	0.22	1.32



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N- Dry Comb. (SubTestCode 210)													Data units: Percent
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>XTYLYX2</b>	<b>4.88</b>	1.11	0.51	<b>4.58</b>	1.16	0.90	<b>2.80</b>	1.03	0.00	<b>5.22</b>	0.98	0.23	
<b>Z3XKV7</b>	<b>4.94</b>	1.53	0.46	<b>4.68</b>	2.01	0.47	<b>2.86</b>	1.57	0.41	<b>5.30</b>	1.45	0.60	
<b>Z8TQFW</b>	<b>4.92</b>	1.34	0.14	<b>4.66</b>	1.81	0.46	<b>2.86</b>	1.65	0.80	<b>5.26</b>	1.22	0.61	
<b>ZLTRUJ</b>	<b>4.70</b>	-0.20	1.00	<b>4.43</b>	-0.04	0.48	<b>2.71</b>	0.12	0.30	<b>5.04</b>	-0.07	0.35	
N- Dry Comb. (SubTestCode 210)													Data units: Percent
	SRB1905			SRB1906			SRB1907			SRB1908			
<b>Grand Median</b>	4.72			4.44			2.69			5.06			
<b>Median Abs Dev</b>	0.05			0.04			0.05			0.06			
<b>Avg Within Lab SD</b>	0.04			0.05			0.04			0.04			
<b>Labs Included</b>	30			30			30			30			
<b>Labs Reporting</b>	30			30			30			30			



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>HVGT2N</b>	<b>0.31</b>		1.41	<b>0.20</b>		1.41	<b>0.33</b>		1.41	<b>1.20</b>	1.41
<b>PNB8U2</b>	<b>0.31</b>		0.00	<b>0.23</b>		0.00	<b>0.34</b>		0.00	<b>1.25</b>	0.14
S- Dry Comb. (SubTestCode 211)										Data units: Percent	
	SRB1905			SRB1906			SRB1907			SRB1908	
<b>Grand Median</b>	0.31			0.21			0.34			1.23	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.01			0.00			0.01			0.07	
<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	SRB1905			SRB1906			SRB1907			SRB1908			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2Q2XZU	0.46	1.46	0.35	0.48	0.94	0.19	0.29	1.23	0.16	0.63	1.41	0.13	
39EBYX	0.43	0.77	0.17	0.50	1.25	0.24	0.29	1.02	0.42	0.61	0.97	0.17	
7NEMXD	0.31	-2.12	3.60	0.49	1.20	3.90	0.25	-0.43	0.07	0.53	-0.38	0.65	
8NCFMP	0.43	0.92	0.15	0.46	0.48	0.07	0.28	0.76	0.83	0.61	1.06	0.05	
8TNK3W	0.40	0.08	0.00	0.45	0.22	0.00	0.26	-0.15	0.94	0.56	0.12	0.00	
A2GFDZ	0.44	0.96	0.83	0.47	0.74	0.19	0.28	0.88	0.54	0.59	0.72	0.46	
ADLAAP	0.39	-0.08	0.31	0.41	-0.66	0.00	0.26	0.00	0.54	0.48	-1.38	0.23	
AKJYTE	0.40	0.08	1.22	0.47	0.61	0.73	0.27	0.07	1.23	0.58	0.53	0.99	
BFTR9K	0.40	0.00	0.31	0.44	0.07	0.38	0.27	0.15	0.54	0.55	0.00	0.46	
BGZT4W	0.37	-0.72	0.31	0.40	-0.89	0.00	0.24	-1.03	0.00	0.49	-1.14	0.00	
BNLZTC	0.39	-0.19	0.56	0.43	-0.22	0.81	0.26	-0.13	1.54	0.57	0.31	0.72	
C7XA8G	0.42	0.65	0.23	0.46	0.35	0.23	0.27	0.28	0.49	0.58	0.55	0.55	
D3VDRR	0.38	-0.37	1.03	0.42	-0.52	0.36	0.25	-0.78	0.83	0.52	-0.65	0.56	
D48QWN	0.38	-0.40	0.00	0.41	-0.59	0.51	0.26	-0.15	0.00	0.52	-0.54	0.23	
F6DC3R	0.38	-0.40	0.00	0.42	-0.44	0.00	0.25	-0.59		0.52	-0.60	0.00	
FQAV4D	0.50	2.60	2.22	0.54	2.27	1.48	0.33	2.93	2.11	0.67	2.07	2.30	
HDDJVW	0.42	0.64	1.39	0.42	-0.54	2.41	0.27	0.41	0.15	0.56	0.17	0.43	
HVGT2N	0.50	2.41	0.31	0.55	2.47	0.16	0.27	0.42	0.08	0.68	2.34	0.26	
KH4MQ9	0.39	-0.08	0.31	0.43	-0.15	0.19	0.26	-0.15	0.00	0.54	-0.18	0.23	
KXZ99G	0.37	-0.72	2.45	0.43	-0.15	1.83	0.26	-0.29	2.35	0.55	-0.12	3.63	
MHJBDL	0.40	-0.04	0.49	0.43	-0.13	0.13	0.26	-0.24	0.09	0.55	-0.12	0.06	
N7FGZT	0.45	1.36	0.06	0.49	1.13	0.09	0.30	1.74	0.22	0.63	1.30	0.08	
NBQVXD	0.40	0.13	0.30	0.44	-0.10	0.33	0.27	0.34	0.41	0.54	-0.17	0.31	
NMA8FG	0.40	0.00	0.79	0.47	0.71	1.82	0.27	0.38	2.11	0.58	0.40	2.07	
PAETWT	47.00	121.28X	106.78	28.00	610.38X	63.29	81.40	586.12X	187.77	47.13	838.14X	102.13	
PNB8U2	0.33	-1.60	0.00	0.41	-0.66	0.00	0.20	-2.65	0.54	0.53	-0.42	0.00	



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P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PQZ9J3	0.36	-0.88	0.54	0.21	-5.15X	0.20	0.23	-1.30	0.49	0.54	-0.30	2.28	
QJFYNY	0.49	2.20	0.25	0.54	2.29	0.31	0.33	2.84	1.26	0.66	1.87	1.84	
QMXKND	0.40	0.08	0.58	0.43	-0.27	0.22	0.26	-0.24	0.65	0.55	-0.05	0.30	
RA6HPH	0.41	0.24	0.83	0.45	0.15	1.01	0.26	-0.29	1.95	0.59	0.72	0.61	
RCF7LB	0.37	-0.72	0.83	0.41	-0.74	0.69	0.24	-1.03	0.94	0.37	-3.24X	1.01	
RZGKYD	0.37	-0.67	0.15	0.42	-0.47	0.05	0.25	-0.64	0.30	0.52	-0.68	0.07	
UDEHV9	0.38	-0.38	1.78	0.42	-0.49	0.99	0.26	-0.35	1.86	0.49	-1.15	0.61	
UECTQB	0.40	0.04	0.81	0.41	-0.73	0.53	0.28	0.55	0.42	0.52	-0.62	1.01	
UL86VZ	0.40	0.00	1.33	0.44	0.10	1.20	0.28	0.57	2.11	0.57	0.24	1.22	
VYQ8QW	0.50	2.48	0.16	0.54	2.24	0.20	0.34	3.25X	0.29	0.70	2.62	0.70	
XTYLY2	0.40	0.00	0.31	0.44	0.00	0.00	0.26	-0.15	0.00	0.55	0.00	0.46	
Y4YVE4	0.39	-0.08	0.63	0.48	0.89	0.57	0.28	0.53	0.42	0.55	-0.10	0.16	
Z3XKV7	0.40	0.00	0.31	0.43	-0.15	0.19	0.26	-0.15	0.00	0.55	-0.06	0.00	
Z8TQFW	0.40	0.02	0.06	0.45	0.31	0.07	0.27	0.31	0.14	0.56	0.19	0.02	
ZLTRUJ	0.41	0.40	0.83	0.44	0.00	1.52	0.27	0.15	0.54	0.56	0.06	0.23	

P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1905	SRB1906	SRB1907	SRB1908		
Grand Median	0.40	0.44	0.26	0.55		
Median Abs Dev	0.02	0.02	0.01	0.03		
Avg Within Lab SD	0.02	0.03	0.01	0.02		
Labs Included	40	39	39	39		
Labs Reporting	41	41	41	41		



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

Data units: Percent

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Q2XZU	0.8	0.9	0.2	11.6	1.4	0.4	1.1	1.0	0.3	7.4	1.4	0.3
39EBYX	0.7	-0.3	0.3	10.1	0.0	0.4	1.0	0.0	0.7	6.5	0.1	0.2
7NEMXD	0.4	-4.6X	4.9	11.5	1.3	4.5	0.8	-1.8	0.1	6.2	-0.3	0.9
8NCFMP	0.7	0.7	0.3	10.7	0.6	0.0	1.1	0.8	0.5	6.9	0.7	0.3
8TNK3W	0.6	-0.8	1.4	9.4	-0.6	0.1	0.9	-0.8	0.8	6.1	-0.6	0.2
A2GFDZ	0.8	1.2	0.6	10.9	0.7	0.1	1.1	1.4	0.4	6.9	0.7	0.4
ADLAAP	0.7	0.4	0.4	9.4	-0.6	0.2	1.0	0.0	0.2	6.4	-0.1	0.3
AKJYTE	0.7	-0.1	1.9	9.8	-0.2	0.5	1.0	0.0	2.1	6.5	0.1	1.9
BFTR9K	0.7	0.3	0.4	9.6	-0.4	0.4	1.0	0.3	0.3	6.1	-0.5	0.3
BGZT4W	0.7	-0.6	0.5	10.0	0.0	0.3	1.0	0.0	0.4	6.3	-0.2	0.5
BNLZTC	0.6	-0.7	0.6	9.5	-0.5	1.0	0.9	-0.7	1.5	6.4	-0.1	0.7
C7XA8G	0.8	1.1	0.2	10.6	0.5	0.2	1.1	1.3	0.3	6.8	0.6	0.5
D3VDRR	0.6	-1.0	0.9	10.3	0.2	0.2	0.9	-1.2	1.2	6.8	0.5	1.0
D48QWN	0.7	0.2	0.4	9.3	-0.7	0.1	1.0	0.4	0.5	5.9	-0.8	0.2
F6DC3R	0.7	-0.4	0.0	6.5	-3.3X	0.4	1.0	0.0	0.5	4.8	-2.3	1.2
FQAV4D	0.9	2.1	2.0	10.8	0.7	1.3	1.2	2.1	2.4	7.2	1.1	1.2
HDDJVW	0.7	0.2	2.6	8.8	-1.1	2.2	1.0	0.1	0.1	6.2	-0.4	0.3
HVGT2N	0.8	1.0	0.2	12.4	2.1	0.1	1.1	1.0	0.6	8.1	2.5	0.6
KH4MQ9	0.7	0.0	0.0	10.5	0.4	0.7	1.2	2.0	0.0	6.7	0.4	0.5
KXZ99G	0.8	0.7	1.4	9.9	-0.1	1.0	1.1	0.6	1.3	7.4	1.4	0.9
MHJBDL	0.7	-0.2	0.8	9.4	-0.6	0.2	1.0	-0.2	0.0	6.1	-0.5	0.1
N7FGZT	0.7	0.5	0.2	10.8	0.7	0.1	1.1	0.8	0.5	6.9	0.7	0.2
NBQVXD	0.7	0.4	0.5	8.4	-1.6	1.3	1.0	0.1	0.4	5.5	-1.4	1.4
NMA8FG	0.7	-0.3	1.9	9.5	-0.5	0.4	1.0	-0.4	0.3	6.0	-0.6	1.2
PAETWT	0.7	-0.1	0.6	10.2	0.1	1.1	1.0	-0.4	1.4	6.4	-0.1	0.6
PNB8U2	0.6	-1.4	0.2	10.1	0.1	0.0	0.8	-2.2	0.4	6.7	0.4	0.1



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K (SubTestCode 213) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PQZ9J3	0.7	0.7	0.1	4.4	-5.2X	0.0	1.0	0.3	0.2	5.9	-0.8	0.1	
QJFYNY	0.7	0.4	0.5	11.0	0.9	0.2	1.1	0.6	1.3	6.8	0.5	1.3	
QMXKND	0.7	0.4	0.7	9.7	-0.3	0.1	1.0	0.2	1.0	6.4	0.0	0.4	
RA6HPH	0.8	1.2	0.9	10.9	0.8	1.0	1.1	0.6	2.3	6.8	0.6	1.1	
RCF7LB	0.6	-1.9	0.8	7.5	-2.4	0.3	0.8	-1.9	1.0	3.6	-4.1X	1.3	
RZGKYD	0.6	-1.1	0.4	10.0	-0.1	0.4	0.9	-0.8	0.3	6.0	-0.6	0.4	
UDEHV9	0.7	-0.7	2.7	10.3	0.2	1.4	1.0	-0.1	2.2	6.4	0.0	3.1	
UECTQB	0.7	-0.6	0.4	9.7	-0.3	0.5	1.0	-0.4	0.7	6.1	-0.5	0.7	
UL86VZ	0.7	-0.3	1.2	11.1	0.9	1.1	1.0	0.3	1.3	7.0	0.8	0.4	
VYQ8QW	0.7	0.3	0.3	10.5	0.4	0.4	1.1	0.7	0.7	6.7	0.4	0.5	
XTYLX2	0.7	0.2	0.5	9.8	-0.3	0.2	1.0	0.2	0.7	6.6	0.3	0.2	
Y4YVE4	0.7	0.0	1.5	11.7	1.5	0.8	1.0	-0.3	1.0	7.5	1.6	2.8	
Z3XKV7	0.7	-0.7	0.0	10.1	0.0	0.1	1.0	-0.3	0.0	6.4	-0.1	0.2	
Z8TQFW	0.5	-2.2	0.1	8.5	-1.4	0.2	0.9	-0.5	0.1	5.2	-1.8	0.1	
ZLTRUJ	0.7	-0.6	0.5	9.0	-0.9	0.4	0.9	-0.8	1.2	6.0	-0.6	1.7	

K (SubTestCode 213) in the Wet Digestion Property Groups					Data units: Percent
	SRB1905	SRB1906	SRB1907	SRB1908	
Grand Median	0.70	10.1	1.00	6.43	
Median Abs Dev	0.04	0.6	0.05	0.38	
Avg Within Lab SD	0.03	0.6	0.03	0.19	
Labs Included	40	39	41	40	
Labs Reporting	41	41	41	41	



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908				
	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>2Q2XZU</b>	<b>1.73</b>	1.55	0.31	<b>1.11</b>	0.98	0.19	<b>2.10</b>	1.37	0.15	<b>2.76</b>	1.40	0.32		
<b>39EBYX</b>	<b>1.50</b>	0.20		<b>1.10</b>	0.85	0.27	<b>1.92</b>	0.53	0.12	<b>2.68</b>	1.04	0.34		
<b>7NEMXD</b>	<b>1.12</b>	-2.06	3.77	<b>1.06</b>	0.48	4.40	<b>1.74</b>	-0.28	0.11	<b>2.37</b>	-0.27	1.02		
<b>8NCFMP</b>	<b>1.58</b>	0.66	0.24	<b>1.00</b>	-0.03	0.18	<b>1.98</b>	0.80	0.56	<b>2.71</b>	1.19	0.45		
<b>8TNK3W</b>	<b>1.38</b>	-0.52	0.16	<b>0.94</b>	-0.66	0.10	<b>1.61</b>	-0.88	0.49	<b>2.31</b>	-0.55	0.20		
<b>A2GFDZ</b>	<b>1.61</b>	0.84	0.24	<b>1.07</b>	0.60	0.18	<b>1.94</b>	0.60	0.35	<b>2.63</b>	0.82	0.37		
<b>ADLAAP</b>	<b>1.44</b>	-0.18	0.24	<b>1.08</b>	0.69	1.05	<b>1.93</b>	0.59	1.44	<b>2.44</b>	0.01	0.85		
<b>AKJYTE</b>	<b>1.38</b>	-0.54	0.71	<b>1.00</b>	-0.10	0.37	<b>1.69</b>	-0.52	0.32	<b>2.41</b>	-0.12	0.41		
<b>BFTR9K</b>	<b>1.40</b>	-0.40	0.31	<b>0.95</b>	-0.54	0.35	<b>1.68</b>	-0.55	0.50	<b>2.34</b>	-0.42	0.52		
<b>BGZT4W</b>	<b>1.41</b>	-0.36	0.09	<b>1.01</b>	0.00	0.10	<b>1.71</b>	-0.44	0.07	<b>2.26</b>	-0.73	0.30		
<b>BNLZTC</b>	<b>1.27</b>	-1.16	0.24	<b>0.89</b>	-1.14	1.15	<b>1.55</b>	-1.15	0.80	<b>2.16</b>	-1.18	1.15		
<b>C7XA8G</b>	<b>1.62</b>	0.91	0.36	<b>1.04</b>	0.30	0.16	<b>1.94</b>	0.63	0.67	<b>2.58</b>	0.62	0.10		
<b>D3VDRR</b>	<b>1.16</b>	-1.82	0.88	<b>0.83</b>	-1.69	0.51	<b>1.41</b>	-1.78	0.95	<b>2.01</b>	-1.82	1.21		
<b>D48QWN</b>	<b>1.48</b>	0.10	0.09	<b>1.02</b>	0.09	0.44	<b>1.82</b>	0.07	0.53	<b>2.36</b>	-0.30	0.27		
<b>F6DC3R</b>	<b>1.39</b>	-0.44	0.09	<b>0.94</b>	-0.63	0.00	<b>1.73</b>	-0.33	0.21	<b>2.29</b>	-0.60	0.58		
<b>FQAV4D</b>	<b>1.69</b>	1.33	0.85	<b>1.11</b>	1.01	0.27	<b>2.06</b>	1.16	0.60	<b>2.76</b>	1.38	0.12		
<b>HDDJVW</b>	<b>1.43</b>	-0.21	0.60	<b>0.86</b>	-1.36	2.20	<b>1.71</b>	-0.44	0.24	<b>2.30</b>	-0.57	0.56		
<b>HVGT2N</b>	<b>1.82</b>	2.10	0.23	<b>1.21</b>	1.90	0.02	<b>2.20</b>	1.82	0.17	<b>2.93</b>	2.12	0.05		
<b>KH4MQ9</b>	<b>1.48</b>	0.06	0.36	<b>1.04</b>	0.32	0.35	<b>1.82</b>	0.09	0.07	<b>2.52</b>	0.36	0.56		
<b>KXZ99G</b>	<b>1.40</b>	-0.40	1.65	<b>0.98</b>	-0.22	1.36	<b>1.71</b>	-0.41	1.28	<b>2.19</b>	-1.03	2.43		
<b>N7FGZT</b>	<b>1.60</b>	0.79	0.10	<b>1.06</b>	0.50	0.08	<b>1.98</b>	0.78	0.20	<b>2.63</b>	0.84	0.16		
<b>NBQVXD</b>	<b>1.47</b>	0.01	0.24	<b>0.99</b>	-0.18	0.36	<b>1.79</b>	-0.07	0.44	<b>2.33</b>	-0.45	0.31		
<b>NMA8FG</b>	<b>1.56</b>	0.54	1.69	<b>1.02</b>	0.16	0.27	<b>1.87</b>	0.29	1.23	<b>2.51</b>	0.30	2.36		
<b>PAETWT</b>	<b>1.47</b>	0.00	0.91	<b>0.95</b>	-0.50	0.27	<b>1.52</b>	-1.27	3.95	<b>2.40</b>	-0.15	0.00		
<b>PNB8U2</b>	<b>1.25</b>	-1.30	0.16	<b>0.96</b>	-0.41	0.10	<b>1.35</b>	-2.05	0.07	<b>2.34</b>	-0.39	0.07		
<b>PQZ9J3</b>	<b>1.41</b>	-0.32	0.43	<b>0.50</b>	-4.78X	0.27	<b>1.71</b>	-0.44	0.50	<b>2.36</b>	-0.34	0.28		





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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>QJFYNY</b>	<b>1.44</b>	-0.16	0.16	<b>1.04</b>	0.32	0.46	<b>1.83</b>	0.11	1.35	<b>2.51</b>	0.30	0.37	
<b>QMXKND</b>	<b>1.58</b>	0.66	0.25	<b>1.12</b>	1.05	0.41	<b>1.96</b>	0.71	0.66	<b>2.55</b>	0.51	0.58	
<b>RA6HPH</b>	<b>1.71</b>	1.48	0.91	<b>1.16</b>	1.45	1.32	<b>1.92</b>	0.54	1.81	<b>2.72</b>	1.21	1.05	
<b>RCF7LB</b>	<b>1.18</b>	-1.70	1.48	<b>0.79</b>	-2.08	0.88	<b>1.39</b>	-1.86	0.55	<b>1.37</b>	-4.52X	1.54	
<b>RZGKYD</b>	<b>1.42</b>	-0.27	0.27	<b>0.92</b>	-0.83	0.14	<b>1.69</b>	-0.53	0.29	<b>2.23</b>	-0.89	0.18	
<b>UDEHV9</b>	<b>1.39</b>	-0.48	2.26	<b>0.93</b>	-0.69	1.01	<b>1.79</b>	-0.08	1.86	<b>2.24</b>	-0.83	3.53	
<b>UECTQB</b>	<b>1.49</b>	0.13	0.09	<b>0.99</b>	-0.12	0.37	<b>1.82</b>	0.08	0.46	<b>2.44</b>	0.00	1.27	
<b>UL86VZ</b>	<b>1.45</b>	-0.13	1.16	<b>1.07</b>	0.61	1.93	<b>1.91</b>	0.47	1.99	<b>2.53</b>	0.42	1.70	
<b>VYQ8QW</b>	<b>1.65</b>	1.07	0.17	<b>1.06</b>	0.50	0.42	<b>2.02</b>	0.99	0.61	<b>2.63</b>	0.85	0.57	
<b>XTYLX2</b>	<b>1.49</b>	0.16	0.48	<b>0.98</b>	-0.25	0.30	<b>1.83</b>	0.12	0.25	<b>2.42</b>	-0.08	0.15	
<b>Y4YVE4</b>	<b>1.56</b>	0.58	1.86	<b>1.13</b>	1.20	0.90	<b>1.93</b>	0.59	0.43	<b>2.55</b>	0.49	0.89	
<b>Z3XKV7</b>	<b>1.47</b>	0.00	0.09	<b>0.98</b>	-0.22	0.10	<b>1.78</b>	-0.11	0.32	<b>2.36</b>	-0.33	0.15	
<b>Z8TQFW</b>	<b>1.29</b>	-1.05	0.02	<b>1.12</b>	1.12	0.04	<b>1.57</b>	-1.08	0.50	<b>2.71</b>	1.18	0.20	
<b>ZLTRUJ</b>	<b>1.52</b>	0.32	1.25	<b>0.95</b>	-0.50	0.40	<b>1.72</b>	-0.36	0.57	<b>2.48</b>	0.21	0.92	

Ca (SubTestCode 214) in the Wet Digestion Property Groups					Data units: Percent
	SRB1905	SRB1906	SRB1907	SRB1908	
<b>Grand Median</b>	1.47	1.01	1.80	2.44	
<b>Median Abs Dev</b>	0.08	0.06	0.12	0.13	
<b>Avg Within Lab SD</b>	0.06	0.06	0.08	0.08	
<b>Labs Included</b>	40	39	40	39	
<b>Labs Reporting</b>	40	40	40	40	



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### Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>2Q2XZU</b>	<b>1.08</b>	1.79	0.45	<b>0.51</b>	1.09	0.27	<b>0.56</b>	1.84	0.27	<b>0.64</b>	1.82	0.46
<b>39EBYX</b>	<b>0.89</b>	0.18	0.10	<b>0.46</b>	0.29	0.37	<b>0.46</b>	-0.23	0.07	<b>0.55</b>	0.00	0.64
<b>7NEMXD</b>	<b>0.66</b>	-1.71	3.97	<b>0.49</b>	0.69	4.71	<b>0.46</b>	-0.32	0.15	<b>0.52</b>	-0.59	0.85
<b>8NCFMP</b>	<b>0.93</b>	0.57	0.54	<b>0.50</b>	0.90	0.15	<b>0.51</b>	0.70	0.06	<b>0.60</b>	0.96	0.23
<b>8TNK3W</b>	<b>0.78</b>	-0.67	0.16	<b>0.40</b>	-0.84	0.00	<b>0.41</b>	-1.21	0.58	<b>0.49</b>	-1.12	0.00
<b>A2GFDZ</b>	<b>0.92</b>	0.50	0.16	<b>0.45</b>	0.00	0.24	<b>0.55</b>	1.48	0.33	<b>0.56</b>	0.23	0.00
<b>ADLAAP</b>	<b>0.74</b>	-1.03	0.56	<b>0.45</b>	0.00	0.63	<b>0.47</b>	0.04	0.88	<b>0.52</b>	-0.48	0.93
<b>AKJYTE</b>	<b>0.86</b>	-0.07	0.87	<b>0.47</b>	0.42	0.85	<b>0.47</b>	-0.04	1.14	<b>0.57</b>	0.34	0.67
<b>BFTR9K</b>	<b>0.84</b>	-0.20	0.28	<b>0.43</b>	-0.24	0.48	<b>0.45</b>	-0.42	0.58	<b>0.52</b>	-0.48	0.70
<b>BGZT4W</b>	<b>0.81</b>	-0.42	0.43	<b>0.42</b>	-0.42	0.24	<b>0.45</b>	-0.49	0.33	<b>0.50</b>	-0.86	0.35
<b>BNLZTC</b>	<b>0.85</b>	-0.13	0.51	<b>0.42</b>	-0.45	0.86	<b>0.45</b>	-0.38	0.44	<b>0.56</b>	0.28	0.58
<b>C7XA8G</b>	<b>0.98</b>	0.95	0.16	<b>0.46</b>	0.32	0.15	<b>0.50</b>	0.63	0.26	<b>0.57</b>	0.40	0.38
<b>D3VDRR</b>	<b>0.73</b>	-1.15	0.91	<b>0.39</b>	-1.07	0.37	<b>0.39</b>	-1.69	0.95	<b>0.47</b>	-1.52	1.21
<b>D48QWN</b>	<b>0.86</b>	0.00	0.16	<b>0.43</b>	-0.30	0.82	<b>0.47</b>	0.04	0.67	<b>0.54</b>	-0.15	0.00
<b>F6DC3R</b>	<b>0.81</b>	-0.45	0.00	<b>0.41</b>	-0.66X	0.00	<b>0.43</b>	-0.75	0.33	<b>0.51</b>	-0.73	0.00
<b>FQAV4D</b>	<b>0.99</b>	1.04	0.92	<b>0.49</b>	0.85	0.17	<b>0.53</b>	1.16	0.55	<b>0.60</b>	1.03	0.15
<b>HDDJVW</b>	<b>0.87</b>	0.04	1.12	<b>0.39</b>	-1.01	2.44	<b>0.46</b>	-0.25	0.32	<b>0.53</b>	-0.34	0.76
<b>HVGT2N</b>	<b>1.10</b>	1.99	0.14	<b>0.54</b>	1.62	0.06	<b>0.58</b>	2.06	0.31	<b>0.67</b>	2.27	0.05
<b>KH4MQ9</b>	<b>0.88</b>	0.17	0.58	<b>0.47</b>	0.42	0.71	<b>0.50</b>	0.49	0.67	<b>0.57</b>	0.49	0.70
<b>KXZ99G</b>	<b>0.66</b>	-1.68	1.16	<b>0.43</b>	-0.24	0.86	<b>0.47</b>	-0.10	1.45	<b>0.52</b>	-0.60	0.93
<b>N7FGZT</b>	<b>0.96</b>	0.77	0.13	<b>0.48</b>	0.52	0.06	<b>0.52</b>	0.87	0.23	<b>0.59</b>	0.77	0.12
<b>NBQVXD</b>	<b>0.82</b>	-0.36	0.34	<b>0.43</b>	-0.29	0.30	<b>0.46</b>	-0.17	0.34	<b>0.52</b>	-0.53	0.53
<b>NMA8FG</b>	<b>0.83</b>	-0.32	1.66	<b>0.41</b>	-0.62	0.55	<b>0.46</b>	-0.17	1.72	<b>0.51</b>	-0.78	2.14
<b>PAETWT</b>	<b>0.87</b>	0.06	0.48	<b>0.43</b>	-0.30	0.41	<b>0.48</b>	0.10	3.27	<b>0.54</b>	-0.22	0.35
<b>PNB8U2</b>	<b>0.74</b>	-1.06	0.16	<b>0.42</b>	-0.48	0.00	<b>0.36</b>	-2.13	0.33	<b>0.54</b>	-0.15	0.00
<b>PQZ9J3</b>	<b>0.78</b>	-0.72	0.62	<b>0.25</b>	-3.61	0.28	<b>0.44</b>	-0.55	0.87	<b>0.57</b>	0.48	0.18



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908				
	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>QJFYNY</b>	<b>0.93</b>	0.57	0.60	<b>0.49</b>	0.83	0.41	<b>0.51</b>	0.68	1.38	<b>0.58</b>	0.64	2.52		
<b>QMXKND</b>	<b>0.96</b>	0.82	0.26	<b>0.47</b>	0.46	0.18	<b>0.52</b>	0.89	0.56	<b>0.61</b>	1.15	0.99		
<b>RA6HPH</b>	<b>1.03</b>	1.43	1.16	<b>0.52</b>	1.38	1.26	<b>0.51</b>	0.82	2.40	<b>0.61</b>	1.13	0.93		
<b>RCF7LB</b>	<b>0.69</b>	-1.47	0.75	<b>0.36</b>	-1.59	0.81	<b>0.38</b>	-1.82	0.53	<b>0.32</b>	-4.47X	0.95		
<b>RZGKYD</b>	<b>0.78</b>	-0.70	0.09	<b>0.43</b>	-0.26	0.23	<b>0.45</b>	-0.34	0.25	<b>0.53</b>	-0.44	0.33		
<b>UDEHV9</b>	<b>0.86</b>	0.00	2.11	<b>0.43</b>	-0.30	1.09	<b>0.47</b>	0.04	2.40	<b>0.51</b>	-0.67	3.73		
<b>UECTQB</b>	<b>0.94</b>	0.68	0.62	<b>0.48</b>	0.65	0.21	<b>0.47</b>	0.06	0.62	<b>0.59</b>	0.90	0.81		
<b>UL86VZ</b>	<b>0.86</b>	-0.03	1.06	<b>0.47</b>	0.43	0.83	<b>0.50</b>	0.50	1.24	<b>0.57</b>	0.38	0.79		
<b>VYQ8QW</b>	<b>1.04</b>	1.46	0.50	<b>0.52</b>	1.28	0.60	<b>0.56</b>	1.71	0.66	<b>0.63</b>	1.67	0.64		
<b>XTYLX2</b>	<b>0.91</b>	0.42	0.32	<b>0.45</b>	0.06	0.00	<b>0.48</b>	0.17	0.58	<b>0.54</b>	-0.09	0.35		
<b>Y4YVE4</b>	<b>0.93</b>	0.52	1.83	<b>0.49</b>	0.78	0.71	<b>0.50</b>	0.56	0.58	<b>0.58</b>	0.64	1.48		
<b>Z3XKV7</b>	<b>0.91</b>	0.40	0.11	<b>0.43</b>	-0.26	0.04	<b>0.47</b>	-0.09	0.23	<b>0.58</b>	0.62	0.13		
<b>Z8TQFW</b>	<b>0.82</b>	-0.32	0.07	<b>0.47</b>	0.45	0.04	<b>0.46</b>	-0.19	0.06	<b>0.54</b>	-0.10	0.09		
<b>ZLTRUJ</b>	<b>0.85</b>	-0.14	1.37	<b>0.41</b>	-0.60	0.63	<b>0.43</b>	-0.82	0.58	<b>0.53</b>	-0.28	0.70		

Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
	SRB1905			SRB1906			SRB1907			SRB1908				
<b>Grand Median</b>	0.86			0.45			0.47			0.55				
<b>Median Abs Dev</b>	0.06			0.03			0.03			0.03				
<b>Avg Within Lab SD</b>	0.04			0.02			0.02			0.02				
<b>Labs Included</b>	40			39			40			39				
<b>Labs Reporting</b>	40			40			40			40				



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

Data units: Percent

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Q2XZU	0.31	0.98	0.19	0.21	0.09	0.13	0.33	1.14	0.12	1.33	1.00	0.03
39EBYX	0.30	0.62	0.13	0.22	0.54	0.08	0.32	0.77	0.97	1.31	0.81	0.47
7NEMXD	0.22	-1.92	3.08	0.24	1.19	4.03	0.28	-0.33	0.02	1.19	0.02	0.79
8NCFMP	0.29	0.52	0.21	0.21	0.00	0.04	0.33	1.21	0.71	1.34	1.03	0.05
8TNK3W	0.30	0.76	0.00	0.22	0.41	0.00	0.31	0.66	0.47	1.24	0.32	0.12
A2GFDZ	0.31	0.98	0.37	0.23	0.68	0.42	0.31	0.44	0.47	1.33	0.97	0.53
A78MXT	0.25	-0.76	0.37	0.21	-0.14	0.83	0.28	-0.34	0.47	1.16	-0.19	0.12
AKJYTE	0.28	0.08	0.55	0.22	0.54	0.42	0.29	-0.06	0.45	1.28	0.62	0.60
BFTR9K	0.25	-0.98	0.37	0.19	-0.95	0.42	0.25	-1.45		1.04	-1.04	0.20
BGZT4W	0.24	-1.20	0.00	0.18	-1.23	0.00	0.26	-1.12	0.00	1.12	-0.46	0.12
BNLZTC	0.28	0.21	0.29	0.25	1.52	0.77	0.32	1.03	0.50	1.37	1.25	0.81
C7XA8G	2.94	86.85X	1.35	2.18	80.30X	2.31	2.94	88.41X	5.93	12.73	79.87X	4.11
D3VDRR	0.26	-0.42	1.21	0.19	-0.80	1.37	0.27	-0.74	1.95	1.06	-0.93	0.96
D48QWN	0.25	-0.98	0.37	0.20	-0.55	0.42	0.28	-0.34	0.47	1.15	-0.28	0.20
F6DC3R	0.26	-0.54	0.00	0.19	-0.82	0.00	0.28	-0.45	0.00	1.11	-0.58	0.42
FQAV4D	0.36	2.65X	1.55	0.26	1.94	1.48	0.39	3.10X	1.55	1.42	1.58	3.62
HDDJVW	0.28	0.01	0.42	0.18	-1.08	2.13	0.29	-0.05	0.40	1.17	-0.16	0.44
HVGT2N	0.27	-0.32	0.09	0.20	-0.31	0.03	0.30	0.13	0.46	1.44	1.74	0.35
KH4MQ9	0.28	0.11	0.63	0.21	-0.14	0.42	0.29	-0.01	0.47	1.15	-0.28	0.20
KXZ99G	0.29	0.54	3.82	0.49	11.43X	9.74	0.44	5.01X	9.07	2.12	6.41X	6.86
N7FGZT	0.30	0.80	0.06	0.22	0.37	0.12	0.32	0.96	0.24	1.34	1.04	0.01
NBQVXD	0.28	0.21	0.17	0.21	0.16	0.31	0.31	0.54	0.25	1.20	0.06	0.21
NMA8FG	0.28	0.07	1.57	0.22	0.31	1.52	0.30	0.23	1.90	1.19	-0.02	2.17
PAETWT	0.25	-0.98	0.37	0.18	-1.23	0.00	0.26	-1.01	1.25	1.00	-1.34	0.12
PQZ9J3	0.26	-0.49	0.66	0.11	-4.14X	0.37	0.28	-0.61	1.20	1.14	-0.36	0.27
QJFYNY	0.31	1.24	0.57	0.25	1.70	0.47	0.35	1.86	1.67	1.44	1.75	0.91



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S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>QMXKND</b>	<b>0.29</b>	0.49	0.53	<b>0.21</b>	0.09	0.25	<b>0.30</b>	0.38	0.80	<b>1.17</b>	-0.12	0.16	
<b>RA6HPH</b>	<b>0.25</b>	-0.98	0.37	<b>0.20</b>	-0.41	0.72	<b>0.27</b>	-0.90	2.06	<b>1.26</b>	0.46	0.42	
<b>RCF7LB</b>	<b>0.24</b>	-1.21	0.66	<b>0.19</b>	-0.95	0.83	<b>0.24</b>	-1.79	0.82	<b>0.76</b>	-2.99X	0.67	
<b>RZGKYD</b>	<b>0.25</b>	-0.99	0.06	<b>0.19</b>	-0.67	0.09	<b>0.28</b>	-0.49	0.38	<b>1.04</b>	-1.06	0.22	
<b>UDEHV9</b>	<b>0.26</b>	-0.54	1.68	<b>0.20</b>	-0.27	1.10	<b>0.30</b>	0.11	2.88	<b>1.22</b>	0.21	3.36	
<b>UECTQB</b>	<b>0.24</b>	-1.08	0.54	<b>0.19</b>	-1.02	0.45	<b>0.27</b>	-0.82	0.22	<b>1.03</b>	-1.10	0.06	
<b>UL86VZ</b>	<b>0.24</b>	-1.27	0.29	<b>0.19</b>	-0.79	1.12	<b>0.27</b>	-0.71	1.81	<b>1.12</b>	-0.49	0.80	
<b>VYQ8QW</b>	<b>0.31</b>	1.12	0.34	<b>0.24</b>	1.08	0.16	<b>0.35</b>	1.89	0.34	<b>1.42</b>	1.56	0.66	
<b>XYLX2</b>	<b>0.26</b>	-0.65	0.37	<b>0.19</b>	-0.82	0.00	<b>0.27</b>	-0.67	0.47	<b>1.13</b>	-0.44	0.31	
<b>Y4YVE4</b>	<b>0.29</b>	0.34	1.43	<b>0.24</b>	1.05	0.90	<b>0.30</b>	0.32	0.50	<b>1.17</b>	-0.12	0.62	
<b>Z3XKV7</b>	<b>0.29</b>	0.44	0.06	<b>0.22</b>	0.31	0.15	<b>0.31</b>	0.61	0.33	<b>1.25</b>	0.44	0.07	
<b>Z8TQFW</b>	<b>0.27</b>	-0.13	0.18	<b>0.21</b>	0.13	0.08	<b>0.29</b>	0.01	0.13	<b>1.17</b>	-0.14	0.20	
<b>ZLTRUJ</b>	<b>0.28</b>	0.00	0.37	<b>0.21</b>	0.00	1.25	<b>0.30</b>	0.11	0.47	<b>1.24</b>	0.32	0.65	

S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent
	SRB1905	SRB1906	SRB1907	SRB1908	
<b>Grand Median</b>	0.28	0.21	0.29	1.19	
<b>Median Abs Dev</b>	0.02	0.01	0.02	0.07	
<b>Avg Within Lab SD</b>	0.02	0.01	0.01	0.05	
<b>Labs Included</b>	37	36	36	36	
<b>Labs Reporting</b>	39	39	39	39	



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Q2XZU	0.002	-0.196	1.757	0.010	-1.193	0.324	0.018	-0.855	0.073	0.835	0.777	0.156
39EBYX				0.015	-0.083	0.141	0.026	0.017	0.030	0.779	0.000	0.434
7NEMXD	0.001	-0.416	0.643	0.018	0.375	2.122	0.025	-0.076	0.011	0.744	-0.478	0.774
8NCFMP	0.002	-0.149	0.000	0.018	0.456	0.000	0.028	0.267	0.030	0.908	1.776	0.198
8TNK3W				0.013	-0.555	0.439	0.080	6.110	5.028	0.751	-0.377	0.181
A2GFDZ	0.010	1.347	0.000	0.020	0.841	0.000	0.030	0.497	0.000	0.857	1.075	0.232
AKJYTE				0.016	-0.023	0.507	0.024	-0.172	0.049	0.818	0.542	1.465
BGZT4W	0.010	1.347	0.000	0.030	2.834	0.000	0.030	0.497	0.000	0.723	-0.763	0.464
BNLZTC	0.001	-0.304	0.075	0.014	-0.369	0.250	0.025	-0.087	0.014	0.820	0.574	0.302
C7XA8G				0.014	-0.266	0.093	0.025	-0.017	0.012	0.823	0.606	0.334
D3VDRR	0.004	0.140	2.338	0.057	8.256X	31.206	0.024	-0.146	0.089	0.709	-0.956	1.081
D48QWN	0.010	1.347	0.000	0.020	0.841	0.000	0.237	23.546X	0.280	0.713	-0.900	0.232
F6DC3R	0.010	1.347	0.000	0.020	0.841	0.000	0.030	0.497	0.000	0.723	-0.763	0.614
FQAV4D	0.004	0.130	2.230	0.021	1.088	2.115	0.025	-0.036	0.310	0.870	1.262	1.723
HDDJVW	0.002	-0.146	0.622	0.014	-0.301	0.972	0.025	-0.024	0.066	0.746	-0.449	0.244
HVGT2N	0.002	-0.263	0.047	0.019	0.554	0.236	0.026	0.045	0.005	0.901	1.682	0.428
N7FGZT	0.001	-0.368	0.000	0.015	-0.156	0.000	0.027	0.125	0.028	0.843	0.891	0.129
NBQVXD	0.008	0.953	0.306	0.020	0.838	0.390	0.030	0.521	0.083	0.749	-0.414	0.427
NMA8FG	0.002	-0.130	0.327	0.016	-0.030	1.070	0.024	-0.120	0.052	0.746	-0.446	1.612
QJFYNY				0.016	0.023	0.116	0.027	0.192	0.061	0.833	0.744	1.763
RA6HPH	0.010	1.347	0.000	0.020	0.841	0.000	0.170	16.111X	2.223	0.767	-0.165	1.012
RCF7LB	0.001	-0.305	0.884	0.012	-0.688	0.253	0.022	-0.395	0.128	0.465	-4.323X	1.224
UDEHV9	0.010	1.347	0.000	0.020	0.841	0.000	0.027	0.125	0.280	0.737	-0.579	3.275
UECTQB	0.026	4.461X	3.186	0.027	2.302	1.105	0.076	5.664	0.641	0.767	-0.165	0.641
UL86VZ							0.029	0.385	0.037	0.839	0.835	0.703
VYQ8QW	24.240	20.147X	75.016	159.596	09.259X	38.439	247.147	61.102X	91.107	8,562.763	95.837X	18.970



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>XTY LX2</b>	<b>0.001</b>	-0.368	0.000	<b>0.015</b>	-0.156	0.000	<b>0.025</b>	-0.061	0.000	<b>0.806</b>	0.372	0.242
<b>Y4Y VE4</b>	<b>0.011</b>	1.538	2.164	<b>0.013</b>	-0.488	3.575	<b>0.024</b>	-0.209	0.284	<b>0.803</b>	0.335	0.209
<b>Z3X KV7</b>				<b>0.013</b>	-0.555	0.000	<b>0.022</b>	-0.395	0.000	<b>0.758</b>	-0.285	0.161

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1905		SRB1906		SRB1907	SRB1908
<b>Grand Median</b>	0.003		0.016		0.026	0.78
<b>Median Abs Dev</b>	0.002		0.003		0.002	0.04
<b>Avg Within Lab SD</b>	0.001		0.002		0.021	0.02
<b>Labs Included</b>	20		26		26	27
<b>Labs Reporting</b>	22		28		29	29



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

AI (SubTestCode 218) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
39EBYX	160.3	0.0	0.2	502.0	-0.3	0.1	295.3	0.1	0.1	659.3	-0.3	0.1	
7NEMXD	157.9	0.0	1.7	666.6	0.7	2.3	352.5	0.7	0.2	837.4	0.4	0.5	
8NCFMP	219.5	1.0	0.1	589.6	0.2	0.2	348.7	0.7	0.4	884.2	0.6	0.1	
8TNK3W	166.3	0.1	0.3	580.3	0.2	0.2	315.0	0.3	0.4	916.7	0.7	0.2	
A2GFDZ	90.3	-1.1	0.3	351.7	-1.2	0.1	193.7	-1.0	0.2	386.0	-1.4	0.1	
BGZT4W	195.4	0.6	0.4	554.6	0.0	0.1	286.8	0.0	0.0	739.4	0.0	0.1	
BNLZTC	131.0	-0.5	0.1	396.7	-1.0	0.4	248.7	-0.4	0.2	603.7	-0.5	0.2	
D3VDRR	146.3	-0.2	0.2	420.3	-0.8	0.3	232.3	-0.6	0.3	561.7	-0.7	0.3	
D48QWN	95.3	-1.1	0.2	321.3	-1.4	0.0	187.3	-1.1	0.2	344.3	-1.5	0.1	
F6DC3R	227.8	1.2	0.4	611.0	0.3	0.5	368.0	0.9	0.6	857.3	0.5	0.7	
FQAV4D	261.8	1.8	3.8	866.0	1.9	3.6	454.8	1.9	4.1	1,260.9	2.0	4.1	
HVGT2N	218.2	1.0	0.1	722.4	1.0	0.2	376.6	1.0	0.2	982.1	0.9	0.1	
N7FGZT	134.3	-0.4	0.3	446.5	-0.7	0.1	262.7	-0.3	0.1	626.3	-0.4	0.0	
QJFYNY	186.0	0.5	0.7	563.3	0.1	0.3	325.3	0.4	0.5	758.3	0.1	0.9	
RA6HPH	106.7	-0.9	0.1	386.7	-1.0	0.3	162.7	-1.4	0.6	492.7	-1.0	0.5	
UDEHV9	137.5	-0.3	0.6	391.4	-1.0	0.1	268.9	-0.2	0.5	564.3	-0.7	0.2	
UL86VZ	129.1	-0.5	0.3	590.7	0.2	0.6	261.8	-0.3	0.5	752.7	0.1	0.3	
XTYLX2	102.9	-0.9	0.1	437.3	-0.7	0.1	214.1	-0.8	0.0	527.6	-0.8	0.1	
Z3XKV7	196.4	0.7	0.1	567.4	0.1	0.0	335.0	0.5	0.1	823.1	0.3	0.0	

AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1905	SRB1906	SRB1907	SRB1908	
Grand Median	157.9	554.6	286.8	739.4	
Median Abs Dev	37.4	112.0	54.5	144.9	
Avg Within Lab SD	19.6	68.8	33.8	83.6	
Labs Included	19	19	19	19	
Labs Reporting	19	19	19	19	





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

Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Q2XZU	42.6	-0.6	0.9	20.6	-2.0	0.8	81.5	0.0	1.3	41.3	-1.0	1.0
39EBYX	51.9	0.9	0.2	32.8	0.9	0.2	93.7	1.2	0.2	51.8	1.0	0.4
7NEMXD	32.4	-2.2	1.9	31.8	0.7	3.7	66.4	-1.5	0.2	38.1	-1.6	0.3
8NCFMP	46.9	0.1	0.4	28.2	-0.2	0.2	80.5	-0.1	0.7	45.7	-0.2	0.2
8TNK3W	44.3	-0.3	0.4	30.0	0.2		75.0	-0.7	0.5	47.3	0.1	0.2
A2GFDZ	54.0	1.2	0.3	31.0	0.5		95.3	1.3	0.4	50.0	0.6	0.4
AKJYTE	44.9	-0.2	1.0	28.8	0.0	0.5	81.3	0.0	1.0	46.6	0.0	0.9
BFTR9K	52.5	1.0	0.2	34.2	1.2	0.2	88.1	0.6	0.2	52.1	1.0	0.4
BGZT4W	42.5	-0.6	0.1	26.9	-0.5	0.2	75.1	-0.6	0.2	40.6	-1.2	0.1
BNLZTC	42.9	-0.6	0.6	25.0	-0.9	0.1	76.4	-0.5	0.4	40.1	-1.3	0.4
C7XA8G	53.5	1.1	0.1	25.6	-0.8	0.0	90.5	0.8	0.2	46.4	0.0	0.1
D3VDRR	44.3	-0.3	0.6	28.8	0.0	0.4	75.8	-0.6	0.6	43.2	-0.7	0.6
D48QWN	47.0	0.1		29.0	0.0		82.0	0.0	0.2	46.7	0.0	0.4
F6DC3R	42.6	-0.6	0.1	28.2	-0.2	0.1	73.5	-0.8	0.3	44.2	-0.5	0.2
FQAV4D	51.2	0.8	4.9	34.9	1.4	3.4	86.1	0.4	4.3	50.3	0.7	5.0
HVGT2N	49.8	0.5	0.1	29.0	0.0	0.1	87.5	0.6	0.1	47.8	0.2	0.0
KH4MQ9	43.6	-0.4	0.2	28.7	-0.1	0.1	78.8	-0.3	0.1	43.9	-0.5	0.3
N7FGZT	48.9	0.4	0.1	29.5	0.1	0.2	90.2	0.8	0.3	47.3	0.1	0.2
NBQVXD	49.2	0.4	0.3	29.9	0.2	0.2	85.5	0.4	0.2	47.0	0.1	0.2
NMA8FG	54.2	1.2	0.4	34.2	1.2	0.3	92.6	1.0	0.5	51.4	0.9	0.5
PAETWT	47.0	0.1	0.6	28.0	-0.2	0.7	81.4	0.0	0.5	47.1	0.1	1.0
PQZ9J3	49.5	0.5	0.3	16.4	-3.0X	0.3	85.8	0.4	0.5	49.7	0.6	0.3
QJFYNY	47.2	0.1	0.2	30.1	0.3	0.2	86.4	0.5	1.6	49.7	0.6	0.4
QMXKND	43.7	-0.4	0.6	26.0	-0.7	0.6	75.0	-0.7	0.6	42.1	-0.9	0.5
RA6HPH	35.7	-1.7	0.2	21.3	-1.8	0.5	59.7	-2.1	1.3	36.0	-2.0	0.4
RCF7LB	33.9	-2.0	0.5	21.2	-1.8	0.8	59.8	-2.1	0.3	23.1	-4.5X	0.2



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

Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>RZGKYD</b>	<b>40.0</b>	-1.0	0.1	<b>22.6</b>	-1.5	0.1	<b>75.3</b>	-0.6	0.3	<b>39.7</b>	-1.3	0.4
<b>UDEHV9</b>	<b>43.5</b>	-0.5	0.7	<b>30.3</b>	0.3	0.5	<b>87.2</b>	0.5	1.3	<b>43.5</b>	-0.6	0.6
<b>UECTQB</b>	<b>42.7</b>	-0.6	0.3	<b>30.0</b>	0.2	0.1	<b>74.1</b>	-0.7	0.5	<b>46.1</b>	-0.1	0.4
<b>UL86VZ</b>	<b>51.0</b>	0.7	1.1	<b>34.2</b>	1.2	0.9	<b>92.0</b>	1.0	1.6	<b>53.9</b>	1.4	0.7
<b>VYQ8QW</b>	<b>52.0</b>	0.9	0.1	<b>29.6</b>	0.1	0.1	<b>86.6</b>	0.5	0.5	<b>48.8</b>	0.4	0.6
<b>XTYLYX2</b>	<b>45.9</b>	-0.1	0.2	<b>27.1</b>	-0.4	0.1	<b>83.5</b>	0.2	0.2	<b>43.9</b>	-0.5	0.3
<b>Y4YVE4</b>	<b>49.0</b>	0.4	0.6	<b>33.6</b>	1.1	0.9	<b>87.8</b>	0.6	1.4	<b>49.8</b>	0.6	1.2
<b>Z3XKV7</b>	<b>41.0</b>	-0.9	0.1	<b>23.0</b>	-1.4	0.1	<b>76.5</b>	-0.5	0.2	<b>40.8</b>	-1.1	0.1
<b>Z8TQFW</b>	<b>51.7</b>	0.8	0.5	<b>31.3</b>	0.6	0.4	<b>94.3</b>	1.2	0.6	<b>54.3</b>	1.5	0.6
<b>ZLTRUJ</b>	<b>45.9</b>	-0.1	0.2	<b>26.8</b>	-0.5	1.5	<b>78.0</b>	-0.4	0.4	<b>47.2</b>	0.1	1.2

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

Data units: mg/kg

	SRB1905	SRB1906	SRB1907	SRB1908
<b>Grand Median</b>	46.4	29.0	81.8	46.7
<b>Median Abs Dev</b>	3.6	2.1	6.0	3.1
<b>Avg Within Lab SD</b>	3.0	2.8	4.3	2.7
<b>Labs Included</b>	36	35	36	35
<b>Labs Reporting</b>	36	36	36	36



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### Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>2Q2XZU</b>	<b>63.6</b>	2.4	1.1	<b>45.0</b>	1.8	1.2	<b>202.8</b>	1.9	0.3	<b>70.2</b>	2.7	1.8
<b>39EBYX</b>	<b>51.7</b>	0.1	0.2	<b>39.0</b>	-0.1	0.1	<b>171.7</b>	0.0	0.1	<b>56.6</b>	0.0	0.5
<b>7NEMXD</b>	<b>37.0</b>	-2.8	3.9	<b>41.0</b>	0.5	3.8	<b>170.9</b>	0.0	1.3	<b>50.6</b>	-1.2	0.6
<b>8NCFMP</b>	<b>53.3</b>	0.4	0.1	<b>39.6</b>	0.1	0.1	<b>180.0</b>	0.5	0.5	<b>60.0</b>	0.7	0.1
<b>8TNK3W</b>	<b>50.0</b>	-0.3		<b>39.0</b>	-0.1		<b>161.7</b>	-0.6	0.4	<b>57.0</b>	0.1	
<b>A2GFDZ</b>	<b>56.3</b>	1.0	0.7	<b>40.0</b>	0.2		<b>190.7</b>	1.1	0.6	<b>58.3</b>	0.3	0.6
<b>ADLAAP</b>	<b>52.5</b>	0.2	0.1	<b>39.5</b>	0.1	0.0	<b>128.4</b>	-2.5	0.6	<b>57.0</b>	0.1	0.4
<b>AKJYTE</b>	<b>48.0</b>	-0.7	0.6	<b>38.8</b>	-0.1	0.5	<b>160.3</b>	-0.6	0.6	<b>55.0</b>	-0.3	0.8
<b>BFTR9K</b>	<b>50.4</b>	-0.2	0.3	<b>39.0</b>	-0.1	0.4	<b>164.1</b>	-0.4	0.4	<b>56.8</b>	0.0	0.5
<b>BGZT4W</b>	<b>49.1</b>	-0.4	0.2	<b>36.1</b>	-1.0	0.2	<b>162.5</b>	-0.5	0.1	<b>53.4</b>	-0.7	0.1
<b>BNLZTC</b>	<b>50.1</b>	-0.3	0.6	<b>40.9</b>	0.5	0.5	<b>162.0</b>	-0.5	0.8	<b>59.5</b>	0.6	0.8
<b>C7XA8G</b>	<b>54.9</b>	0.7	0.3	<b>38.2</b>	-0.3	0.2	<b>176.4</b>	0.3	0.1	<b>54.1</b>	-0.5	0.4
<b>D3VDRR</b>	<b>47.1</b>	-0.8	0.6	<b>36.6</b>	-0.8	0.4	<b>150.3</b>	-1.2	0.4	<b>51.8</b>	-1.0	0.6
<b>D48QWN</b>	<b>49.3</b>	-0.4	0.3	<b>36.0</b>	-1.0	0.4	<b>167.7</b>	-0.2	0.5	<b>54.3</b>	-0.5	0.3
<b>F6DC3R</b>	<b>51.2</b>	0.0	0.5	<b>38.0</b>	-0.4	0.3	<b>191.7</b>	1.2	0.3	<b>56.4</b>	-0.1	0.3
<b>FQAV4D</b>	<b>62.2</b>	2.1	1.7	<b>44.0</b>	1.5	1.3	<b>199.8</b>	1.7	1.3	<b>64.6</b>	1.6	2.2
<b>HDDJVW</b>	<b>61.5</b>	2.0	1.2	<b>45.2</b>	1.8	2.8	<b>177.3</b>	0.4	0.1	<b>66.2</b>	1.9	0.4
<b>HVGT2N</b>	<b>51.6</b>	0.0	0.2	<b>36.7</b>	-0.8	0.1	<b>166.5</b>	-0.3	0.2	<b>52.7</b>	-0.8	0.2
<b>KH4MQ9</b>	<b>46.0</b>	-1.0		<b>35.7</b>	-1.1	0.2	<b>148.3</b>	-1.3	0.4	<b>51.7</b>	-1.0	1.1
<b>KXZ99G</b>	<b>46.1</b>	-1.0	1.2	<b>37.4</b>	-0.5	0.3	<b>165.7</b>	-0.3	1.0	<b>53.3</b>	-0.7	2.0
<b>N7FGZT</b>	<b>58.5</b>	1.4	0.1	<b>42.9</b>	1.1	0.1	<b>194.5</b>	1.4	0.4	<b>63.5</b>	1.4	0.4
<b>NBQVXD</b>	<b>54.0</b>	0.5	0.3	<b>41.5</b>	0.7	0.4	<b>172.5</b>	0.1	0.0	<b>56.1</b>	-0.1	0.3
<b>NMA8FG</b>	<b>51.4</b>	0.0	1.9	<b>40.9</b>	0.5	1.2	<b>169.0</b>	-0.1	1.8	<b>57.9</b>	0.2	1.3
<b>PAETWT</b>	<b>55.5</b>	0.8	0.8	<b>42.2</b>	0.9	0.4	<b>187.7</b>	1.0	1.1	<b>60.3</b>	0.7	0.7
<b>PQZ9J3</b>	<b>51.3</b>	0.0	0.5	<b>20.3</b>	-5.8X	0.2	<b>172.4</b>	0.1	0.3	<b>55.3</b>	-0.3	0.8
<b>QJFYNY</b>	<b>51.8</b>	0.1	0.6	<b>39.2</b>	0.0	0.1	<b>177.3</b>	0.4	0.6	<b>56.7</b>	0.0	0.8



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Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>QMXKND</b>	<b>52.1</b>	0.2	1.0	<b>36.2</b>	-0.9	0.7	<b>166.3</b>	-0.3	0.2	<b>66.3</b>	1.9	2.1	
<b>RA6HPH</b>	<b>51.0</b>	-0.1	0.8	<b>39.0</b>	-0.1	0.7	<b>163.7</b>	-0.4	1.8	<b>58.0</b>	0.3	0.9	
<b>RCF7LB</b>	<b>32.2</b>	-3.7X	0.7	<b>27.6</b>	-3.6X	1.7	<b>104.5</b>	-3.9X	0.6	<b>25.3</b>	-6.3X	1.3	
<b>RZGKYD</b>	<b>45.0</b>	-1.2	0.1	<b>34.8</b>	-1.4	0.2	<b>153.4</b>	-1.0	0.3	<b>50.3</b>	-1.3	0.9	
<b>UDEHV9</b>	<b>52.1</b>	0.1	0.9	<b>44.0</b>	1.5	1.3	<b>173.5</b>	0.1	1.1	<b>55.1</b>	-0.3	1.8	
<b>UECTQB</b>	<b>47.8</b>	-0.7	0.3	<b>35.7</b>	-1.1	0.2	<b>159.4</b>	-0.7	0.5	<b>51.7</b>	-1.0	0.7	
<b>UL86VZ</b>	<b>46.8</b>	-0.9	1.7	<b>37.7</b>	-0.5	1.5	<b>171.4</b>	0.0	2.2	<b>55.1</b>	-0.3	0.9	
<b>VYQ8QW</b>	<b>55.5</b>	0.8	0.2	<b>41.7</b>	0.8	0.3	<b>192.9</b>	1.3	0.3	<b>61.2</b>	0.9	0.4	
<b>XYLX2</b>	<b>50.0</b>	-0.3	0.3	<b>36.8</b>	-0.8	0.2	<b>181.6</b>	0.6	0.3	<b>55.1</b>	-0.3	1.4	
<b>Y4YVE4</b>	<b>50.3</b>	-0.2	0.3	<b>42.9</b>	1.1	0.8	<b>189.3</b>	1.1	3.2	<b>58.8</b>	0.4	1.1	
<b>Z3XKV7</b>	<b>52.3</b>	0.2	0.1	<b>39.5</b>	0.1	0.1	<b>166.3</b>	-0.3	0.1	<b>59.5</b>	0.6	0.1	
<b>Z8TQFW</b>	<b>48.3</b>	-0.6	0.5	<b>41.3</b>	0.6	0.6	<b>162.0</b>	-0.5	0.2	<b>55.3</b>	-0.3	1.1	
<b>ZLTRUJ</b>	<b>55.2</b>	0.8	0.9	<b>39.7</b>	0.2	0.4	<b>182.0</b>	0.6	2.3	<b>61.0</b>	0.9	1.1	

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1905	SRB1906	SRB1907	SRB1908		
<b>Grand Median</b>	51.4	39.2	171.1	56.7		
<b>Median Abs Dev</b>	2.4	2.1	9.0	2.7		
<b>Avg Within Lab SD</b>	2.2	2.5	8.1	2.0		
<b>Labs Included</b>	38	37	38	38		
<b>Labs Reporting</b>	39	39	39	39		



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

Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Q2XZU	151.9	0.0	0.1	92.0	-0.6	0.1	121.6	0.0	0.4	70.1	-1.4	0.5
39EBYX	155.3	0.2	0.2	106.3	0.7	0.2	123.7	0.2	0.2	81.3	0.3	0.5
7NEMXD	118.5	-2.2	2.7	112.9	1.4	3.7	119.6	-0.2	0.0	75.0	-0.7	0.8
8NCFMP	164.0	0.8	0.2	112.0	1.3	0.1	131.3	0.9	0.1	88.2	1.4	0.2
8TNK3W	137.0	-1.0	0.1	94.7	-0.4	0.1	106.7	-1.4	0.3	75.3	-0.6	0.2
A2GFDZ	169.0	1.1	0.1	106.0	0.7	0.2	136.0	1.3	0.3	83.7	0.7	0.5
ADLAAP	103.6	-3.1X	0.1	88.3	-1.0	0.1	79.2	-3.9X	0.1	59.9	-3.0X	0.2
AKJYTE	146.7	-0.3	0.7	103.8	0.5	0.9	118.7	-0.3	1.1	80.5	0.2	1.2
BFTR9K	154.6	0.2	0.2	107.9	0.9	0.3	122.8	0.1	0.4	83.4	0.6	0.6
BGZT4W	144.6	-0.5	0.1	90.5	-0.8	0.0	114.5	-0.7	0.1	78.8	-0.1	0.0
BNLZTC	141.3	-0.7	0.3	94.2	-0.4	0.7	112.3	-0.9	0.7	78.0	-0.2	0.8
C7XA8G	157.2	0.4	0.2	103.2	0.4	0.0	128.4	0.6	0.1	81.6	0.4	0.5
D3VDRR	141.6	-0.7	0.1	95.4	-0.3	0.2	109.7	-1.1	0.7	72.8	-1.0	0.7
D48QWN	156.3	0.3	0.2	104.3	0.6	0.3	129.3	0.7	0.4	79.3	0.0	0.2
F6DC3R	154.6	0.2	0.3	102.6	0.4	0.1	125.0	0.3	0.1	79.3	0.0	0.4
FQAV4D	143.2	-0.6	4.5	97.4	-0.1	3.2	114.5	-0.7	4.6	79.2	0.0	4.7
HDDJVW	158.2	0.4	1.0	94.3	-0.4	2.3	124.5	0.3	0.2	81.1	0.3	0.2
HVGT2N	198.2	3.0X	0.1	132.4	3.3X	0.0	160.6	3.6X	0.3	104.7	4.0X	0.4
KH4MQ9	138.0	-0.9	0.3	91.0	-0.7	0.1	109.7	-1.1	0.2	72.0	-1.1	0.6
KXZ99G	146.9	-0.3	0.6	94.4	-0.4	0.4	118.8	-0.3	0.6	77.6	-0.3	0.6
N7FGZT	168.8	1.1	0.1	110.6	1.2	0.0	138.1	1.5	0.2	88.2	1.4	0.1
NBQVXD	154.7	0.2	0.1	101.6	0.3	0.2	124.7	0.3	0.3	81.1	0.3	0.3
NMA8FG	142.3	-0.6	1.8	96.3	-0.2	1.3	112.7	-0.8	1.3	71.2	-1.3	1.2
PAETWT	151.7	0.0	0.2	98.2	0.0	0.2	117.7	-0.4	1.0	77.4	-0.3	0.4
PQZ9J3	156.6	0.3	0.2	52.2	-4.5X	0.2	123.6	0.2	0.2	81.0	0.3	0.4
QJFYNY	165.7	0.9	0.4	112.7	1.4	0.2	134.3	1.2	0.7	85.1	0.9	1.6



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>QMXKND</b>	<b>158.8</b>	0.5	0.5	<b>104.6</b>	0.6	0.3	<b>127.3</b>	0.5	0.3	<b>84.1</b>	0.8	0.6	
<b>RA6HPH</b>	<b>180.7</b>	1.9	0.6	<b>120.0</b>	2.1	0.9	<b>134.3</b>	1.2	1.7	<b>90.7</b>	1.8	1.0	
<b>RCF7LB</b>	<b>126.4</b>	-1.7	0.5	<b>82.7</b>	-1.5	0.1	<b>98.1</b>	-2.2	0.8	<b>46.9</b>	-5.1X	1.7	
<b>RZGKYD</b>	<b>132.6</b>	-1.2	0.2	<b>89.8</b>	-0.8	0.2	<b>109.8</b>	-1.1	0.3	<b>67.3</b>	-1.9	0.1	
<b>UDEHV9</b>	<b>135.3</b>	-1.1	0.6	<b>90.5</b>	-0.8	0.6	<b>119.4</b>	-0.2	1.6	<b>68.4</b>	-1.7	1.0	
<b>UECTQB</b>	<b>138.6</b>	-0.9	0.0	<b>95.8</b>	-0.3	0.4	<b>111.2</b>	-1.0	0.2	<b>78.7</b>	-0.1	0.5	
<b>UL86VZ</b>	<b>145.4</b>	-0.4	1.1	<b>91.5</b>	-0.7	1.2	<b>121.9</b>	0.0	1.6	<b>71.4</b>	-1.2	1.0	
<b>VYQ8QW</b>	<b>155.8</b>	0.3	0.2	<b>99.4</b>	0.1	0.4	<b>126.3</b>	0.4	0.4	<b>79.4</b>	0.0	0.2	
<b>XYLX2</b>	<b>155.9</b>	0.3	0.3	<b>99.8</b>	0.1	0.2	<b>124.4</b>	0.3	0.2	<b>76.5</b>	-0.4	0.4	
<b>Y4YVE4</b>	<b>180.0</b>	1.9	0.3	<b>116.3</b>	1.7	0.8	<b>133.7</b>	1.1	0.3	<b>83.2</b>	0.6	0.4	
<b>Z3XKV7</b>	<b>144.5</b>	-0.5	0.1	<b>93.8</b>	-0.5	0.0	<b>116.0</b>	-0.5	0.3	<b>75.4</b>	-0.6	0.2	
<b>Z8TQFW</b>	<b>144.3</b>	-0.5	0.2	<b>106.3</b>	0.7	0.5	<b>115.7</b>	-0.6	0.4	<b>82.3</b>	0.5	0.1	
<b>ZLTRUJ</b>	<b>149.3</b>	-0.2	0.6	<b>98.6</b>	0.0	0.1	<b>116.3</b>	-0.5	0.2	<b>85.1</b>	0.9	0.7	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1905	SRB1906	SRB1907	SRB1908		
<b>Grand Median</b>	151.7	98.6	121.6	79.3		
<b>Median Abs Dev</b>	7.2	6.0	5.9	3.9		
<b>Avg Within Lab SD</b>	9.5	7.1	6.1	3.0		
<b>Labs Included</b>	37	37	37	36		
<b>Labs Reporting</b>	39	39	39	39		



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

Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Q2XZU	193.1	-2.3	0.2	886.6	-0.1	0.3	343.0	0.1	0.5	845.6	0.0	0.8
39EBYX	269.7	0.2	0.1	881.3	-0.1	0.1	335.0	-0.1	0.3	753.7	-0.5	0.2
7NEMXD	264.7	0.0	3.4	1,390.7	2.7X	5.0	433.4	2.0	0.2	1,039.8	0.9	1.0
8NCFMP	300.1	1.2	0.4	1,135.2	1.3	0.3	380.6	0.9	0.0	1,062.7	1.0	0.1
8TNK3W	266.0	0.0	0.3	987.3	0.4	0.2	342.7	0.1	0.5	1,016.0	0.8	0.4
A2GFDZ	258.3	-0.2	0.6	646.7	-1.5	0.2	300.3	-0.8	0.5	533.7	-1.5	0.4
ADLAAP	215.5	-1.6	0.1	854.0	-0.3	0.3	232.6	-2.3	0.6	621.1	-1.1	0.3
AKJYTE	233.0	-1.0	0.8	835.7	-0.4	0.5	308.7	-0.7	0.5	715.3	-0.7	0.2
BFTR9K	267.5	0.1	0.3	994.6	0.5	0.6	353.9	0.3	0.4	866.0	0.1	0.2
BGZT4W	267.9	0.1	0.5	1,019.7	0.6	0.0	337.4	-0.1	0.5	952.0	0.5	0.2
BNLZTC	262.7	-0.1	0.4	960.7	0.3	0.6	340.0	0.0	0.8	890.7	0.2	0.3
C7XA8G	244.8	-0.6	0.0	750.8	-0.9	0.1	301.6	-0.8	0.2	625.0	-1.1	0.1
D3VDRR	252.0	-0.4	0.4	1,180.3	1.5	3.2	367.3	0.6	3.1	902.0	0.2	1.8
D48QWN	233.7	-1.0	0.3	663.3	-1.4	0.1	263.7	-1.6	0.1	507.7	-1.7	0.2
F6DC3R	296.6	1.0	0.6	1,075.2	0.9	0.2	406.2	1.4	0.1	922.8	0.3	0.2
FQAV4D	270.6	0.2	2.9	996.2	0.5	3.3	344.9	0.1	2.2	980.8	0.6	3.9
HDDJVW	285.1	0.7	1.0	896.7	-0.1	2.3	367.2	0.6	0.1	906.1	0.3	0.2
HVGT2N	282.5	0.6	0.3	1,147.7	1.3	0.1	364.6	0.5	0.5	1,093.7	1.2	0.5
KH4MQ9	241.0	-0.8	0.1	911.0	0.0	0.2	326.3	-0.3	0.2	824.7	-0.1	0.4
KXZ99G	269.2	0.1	0.4	738.5	-0.9	0.2	314.1	-0.6	0.6	671.9	-0.9	0.4
N7FGZT	285.6	0.7	1.1	903.3	0.0	0.4	374.2	0.7	0.2	823.3	-0.1	0.5
NBQVXD	292.3	0.9	0.1	1,024.6	0.7	0.2	377.9	0.8	0.4	979.5	0.6	0.2
NMA8FG	227.7	-1.2	1.1	720.0	-1.0	1.3	304.7	-0.8	1.6	554.3	-1.4	1.2
PAETWT	284.3	0.6	0.2	1,020.0	0.6	0.3	358.3	0.4	0.9	977.0	0.6	0.5
PQZ9J3	243.1	-0.7	1.1	454.8	-2.5	0.3	308.4	-0.7	1.3	807.7	-0.2	1.1
QJFYNY	287.7	0.7	0.5	969.7	0.3	0.4	367.3	0.6	1.1	852.7	0.0	0.7



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Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>QMXKND</b>	<b>248.1</b>	-0.5	0.4	<b>787.5</b>	-0.7	0.2	<b>287.0</b>	-1.1	0.6	<b>721.0</b>	-0.6	0.6	
<b>RA6HPH</b>	<b>284.0</b>	0.6	0.4	<b>1,039.0</b>	0.7	0.8	<b>319.7</b>	-0.4	1.3	<b>913.0</b>	0.3	1.1	
<b>RCF7LB</b>	<b>242.0</b>	-0.7	1.4	<b>784.3</b>	-0.7	0.8	<b>289.3</b>	-1.1	0.5	<b>495.0</b>	-1.7	0.9	
<b>RZGKYD</b>	<b>266.0</b>	0.0	0.2	<b>859.0</b>	-0.3	0.1	<b>363.7</b>	0.5	0.8	<b>758.8</b>	-0.4	0.0	
<b>UDEHV9</b>	<b>223.9</b>	-1.3	0.5	<b>794.7</b>	-0.6	0.8	<b>333.0</b>	-0.1	0.2	<b>665.1</b>	-0.9	0.3	
<b>UECTQB</b>	<b>264.3</b>	0.0	0.4	<b>942.7</b>	0.2	0.6	<b>348.2</b>	0.2	0.4	<b>928.3</b>	0.4	0.7	
<b>UL86VZ</b>	<b>240.3</b>	-0.8	1.1	<b>892.8</b>	-0.1	2.0	<b>335.1</b>	-0.1	1.6	<b>759.9</b>	-0.4	1.0	
<b>VYQ8QW</b>	<b>331.0</b>	2.2	2.5	<b>959.8</b>	0.3	0.4	<b>376.2</b>	0.8	0.4	<b>921.5</b>	0.3	0.2	
<b>XYLX2</b>	<b>252.8</b>	-0.4	0.6	<b>803.5</b>	-0.6	0.1	<b>302.5</b>	-0.8	0.2	<b>653.9</b>	-1.0	0.2	
<b>Y4YVE4</b>	<b>305.7</b>	1.3	0.2	<b>1,146.7</b>	1.3	1.2	<b>408.7</b>	1.5	2.8	<b>1,051.0</b>	1.0	3.1	
<b>Z3XKV7</b>	<b>264.1</b>	0.0	0.1	<b>932.9</b>	0.1	0.2	<b>334.3</b>	-0.1	0.5	<b>940.8</b>	0.4	0.2	
<b>Z8TQFW</b>	<b>237.7</b>	-0.9	0.1	<b>712.0</b>	-1.1	0.0	<b>261.3</b>	-1.7	0.1	<b>559.0</b>	-1.4	0.0	
<b>ZLTRUJ</b>	<b>275.7</b>	0.4	0.3	<b>1,001.0</b>	0.5	0.3	<b>354.3</b>	0.3	0.5	<b>1,043.3</b>	0.9	0.6	

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1905	SRB1906	SRB1907	SRB1908		
<b>Grand Median</b>	264.7	907.2	340.0	852.7		
<b>Median Abs Dev</b>	19.9	108.1	27.3	126.8		
<b>Avg Within Lab SD</b>	17.0	66.6	19.8	52.8		
<b>Labs Included</b>	39	38	39	39		
<b>Labs Reporting</b>	39	39	39	39		





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### Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Q2XZU	12.3	-1.6	0.9	25.2	-0.8	0.1	49.6	0.6	0.7	17.5	-1.3	0.7
39EBYX	14.3	-0.2	0.1	26.2	-0.4	0.3	46.1	-0.3	0.5	18.4	-0.8	0.4
7NEMXD	11.6	-2.1	2.7	30.1	1.4	3.6	46.7	-0.1	0.8	18.8	-0.5	1.0
8NCFMP	15.3	0.5	0.8	29.5	1.1	0.2	51.4	1.1	0.4	21.9	1.6	0.2
8TNK3W	13.7	-0.6	0.7	26.0	-0.4		42.7	-1.1	0.8	18.7	-0.6	0.7
A2GFDZ	15.7	0.8	0.7	30.3	1.5	0.3	53.3	1.6	0.4	20.0	0.3	2.5
ADLAAP	14.8	0.1	0.0	24.7	-1.0	0.1	44.2	-0.7	0.7	17.8	-1.1	0.1
AKJYTE	15.2	0.5	1.8	28.6	0.7	0.6	47.4	0.1	1.8	21.1	1.0	0.4
BFTR9K	13.6	-0.7	0.9	24.9	-0.9	0.1	43.6	-0.9	0.2	18.6	-0.6	0.8
BGZT4W	13.7	-0.6	0.1	26.4	-0.3	0.1	44.0	-0.8	0.0	19.5	0.0	0.3
BNLZTC	14.0	-0.4	0.4	27.0	0.0	0.6	45.7	-0.4	1.6	20.7	0.8	0.8
C7XA8G	16.7	1.5	0.2	30.8	1.6	0.1	54.3	1.8	1.0	21.1	1.0	1.1
D3VDRR	14.5	0.0	2.0	26.4	-0.3	0.1	43.4	-0.9	1.2	18.0	-1.0	1.3
D48QWN	13.3	-0.9	0.7	26.0	-0.4		45.7	-0.4	0.4	17.3	-1.4	0.7
F6DC3R	16.0	1.0	0.1	26.2	-0.3	0.2	46.2	-0.2	0.1	19.5	0.0	1.2
FQAV4D	15.6	0.7	1.6	27.1	0.1	0.7	51.3	1.1	1.8	19.1	-0.3	1.4
HDDJVW	15.2	0.5	1.2	25.1	-0.8	2.4	47.5	0.1	0.3	19.7	0.1	0.3
HVGT2N	15.4	0.6	0.1	28.4	0.6	0.2	50.5	0.8	0.5	21.0	1.0	0.5
KH4MQ9	13.7	-0.6	0.7	23.7	-1.5	0.3	41.3	-1.5	0.4	18.3	-0.8	0.7
KXZ99G	14.3	-0.2	1.6	26.6	-0.2	0.6	42.8	-1.1	0.5	19.7	0.1	1.0
N7FGZT	16.5	1.3	0.2	30.6	1.6	0.9	53.9	1.7	0.6	21.1	1.0	0.9
NBQVXD	15.6	0.7	0.3	27.6	0.2	0.2	48.1	0.2	0.8	20.0	0.3	0.9
NMA8FG	14.0	-0.4	1.1	27.2	0.1	0.5	46.1	-0.3	0.1	18.0	-1.0	1.2
PAETWT	14.7	0.1	0.4	27.0	0.0	0.6	47.1	0.0	1.2	19.2	-0.2	0.4
PQZ9J3	14.1	-0.4	0.3	12.6	-6.3X	0.3	44.7	-0.6	0.6	19.9	0.3	3.1
QJFYNY	14.8	0.1	0.5	27.0	0.0	0.2	48.7	0.4	0.8	18.7	-0.5	0.9



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Cu (SubTestCode 223) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>QMXKND</b>	<b>17.8</b>	2.2	0.5	<b>27.7</b>	0.3	0.1	<b>49.9</b>	0.7	0.1	<b>20.0</b>	0.3	0.7	
<b>RA6HPH</b>	<b>16.3</b>	1.2	0.7	<b>32.0</b>	2.2	3.2	<b>50.0</b>	0.7	3.1	<b>21.7</b>	1.4	0.7	
<b>RCF7LB</b>	<b>13.9</b>	-0.5	1.1	<b>24.5</b>	-1.1	0.6	<b>44.3</b>	-0.7	1.1	<b>11.8</b>	-5.1X	1.2	
<b>RZGKYD</b>	<b>13.0</b>	-1.1	0.2	<b>23.6</b>	-1.5	0.2	<b>43.5</b>	-0.9	0.5	<b>17.0</b>	-1.7	0.5	
<b>UDEHV9</b>	<b>14.7</b>	0.1	1.4	<b>25.0</b>	-0.9	0.7	<b>45.8</b>	-0.3	2.3	<b>18.0</b>	-1.0	1.5	
<b>UECTQB</b>	<b>14.7</b>	0.1	0.3	<b>27.6</b>	0.3	0.2	<b>48.5</b>	0.3	0.5	<b>19.6</b>	0.1	1.1	
<b>UL86VZ</b>	<b>14.6</b>	0.0	1.2	<b>27.7</b>	0.3	0.6	<b>50.4</b>	0.8	1.4	<b>21.1</b>	1.0	0.6	
<b>VYQ8QW</b>	<b>16.2</b>	1.1	1.9	<b>27.8</b>	0.4	0.2	<b>50.5</b>	0.8	0.3	<b>20.1</b>	0.4	0.7	
<b>XYLX2</b>	<b>14.1</b>	-0.3	0.4	<b>27.3</b>	0.1	1.2	<b>47.4</b>	0.1	0.5	<b>18.4</b>	-0.7	0.4	
<b>Y4YVE4</b>	<b>16.1</b>	1.1	1.2	<b>30.2</b>	1.4	0.7	<b>49.6</b>	0.6	0.7	<b>20.3</b>	0.5	0.5	
<b>Z3XKV7</b>	<b>14.6</b>	0.0	0.1	<b>27.5</b>	0.2	0.2	<b>48.8</b>	0.4	0.3	<b>19.3</b>	-0.1	0.1	
<b>Z8TQFW</b>	<b>12.7</b>	-1.3	0.7	<b>26.4</b>	-0.3	0.1	<b>45.0</b>	-0.5	0.7	<b>19.5</b>	0.0	0.2	
<b>ZLTRUJ</b>	<b>14.5</b>	-0.1	1.0	<b>25.9</b>	-0.5	0.7	<b>44.4</b>	-0.7	0.3	<b>20.3</b>	0.5	0.3	

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1905	SRB1906	SRB1907	SRB1908	
<b>Grand Median</b>	14.6	27.0	47.1	19.5	
<b>Median Abs Dev</b>	0.8	1.0	2.7	0.9	
<b>Avg Within Lab SD</b>	0.9	2.0	1.4	0.8	
<b>Labs Included</b>	39	38	39	38	
<b>Labs Reporting</b>	39	39	39	39	



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Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
39EBYX	2.24	-0.02	0.02	0.28	0.14	0.18	0.34	-0.12	0.07	2.94	0.09	0.25	
7NEMXD	1.78	-1.25	2.23							2.79	-0.19	0.28	
8NCFMP	2.26	0.03	0.09	0.17	-0.81	0.57	0.32	-0.25	0.23	3.12	0.42	0.12	
8TNK3W	2.07	-0.49	0.22	0.20	-0.56	0.00	0.17	-1.15	0.72	2.83	-0.11	0.42	
BGZT4W	2.43	0.48	0.22	0.33	0.56	1.79	0.40	0.26	0.00	3.30	0.76	0.00	
BNLZTC	2.55	0.78	0.20	0.33	0.56	0.11	0.39	0.20	0.06	3.61	1.33	0.33	
D48QWN	1.87	-1.01	0.22	0.27	0.00	1.79	0.30	-0.34	0.00	2.27	-1.16	0.42	
F6DC3R	2.26	0.02	0.30	0.47	1.73	1.17	0.54	1.13	0.31	2.83	-0.11	0.23	
FQAV4D	2.06	-0.50	2.72	0.93	5.60X	12.92	0.63	1.64	3.22	4.08	2.20	3.44	
HVGT2N	2.24	-0.04	0.06	0.22	-0.40	0.28	0.32	-0.20	0.03	2.59	-0.55	0.02	
N7FGZT	2.41	0.41	0.91							2.98	0.16	1.04	
QJFYNY	2.40	0.38	0.25	0.43	1.40	0.74	0.38	0.12	0.22	3.30	0.77	0.24	
QMXKND	2.60	0.92	1.09	0.26	-0.09	1.31	0.47	0.65	0.96	2.93	0.07	0.35	
UL86VZ	1.54	-1.87	0.70							2.01	-1.64	1.45	
XYLX2	1.37	-2.31	0.12	0.13	-1.18	0.72	0.02	-2.03	0.00	2.26	-1.16	0.11	
Z3XKV7	2.36	0.28	0.87							2.85	-0.07	0.27	

Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
	SRB1905			SRB1906			SRB1907			SRB1908			
Grand Median	2.25			0.27			0.36			2.89			
Median Abs Dev	0.18			0.07			0.05			0.26			
Avg Within Lab SD	0.26			0.03			0.08			0.27			
Labs Included	16			11			12			16			
Labs Reporting	16			12			12			16			



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P (SubTestCode 225) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>A78MXT</b>	<b>0.39</b>		0.00	<b>0.44</b>		0.73	<b>0.27</b>		1.05	<b>0.55</b>	0.69
<b>HVGT2N</b>	<b>0.43</b>		0.43	<b>0.46</b>		0.68	<b>0.27</b>		0.25	<b>0.59</b>	0.85
<b>PNAZHE</b>	<b>0.43</b>		1.68	<b>0.47</b>		1.41	<b>0.27</b>		1.35	<b>0.59</b>	1.34

P (SubTestCode 225) in the Dry Ash Property Groups					Data units: Percent
	SRB1905		SRB1906		SRB1908
<b>Grand Median</b>	0.43		0.46		0.59
<b>Median Abs Dev</b>					
<b>Avg Within Lab SD</b>	0.01		0.01		0.01
<b>Labs Included</b>	3		3		3
<b>Labs Reporting</b>	3		3		3



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K (SubTestCode 226) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>98ZXXG</b>	<b>0.7</b>		1.6	<b>10.8</b>		1.0	<b>1.0</b>		1.5	<b>6.3</b>	1.1
<b>A78MXT</b>	<b>0.7</b>		0.7	<b>10.0</b>		0.1	<b>1.1</b>		1.0	<b>6.7</b>	0.2
<b>HVGT2N</b>	<b>0.7</b>		0.1	<b>10.4</b>		1.2	<b>1.0</b>		0.8	<b>6.6</b>	1.5
<b>PNAZHE</b>	<b>0.6</b>		1.0	<b>10.9</b>		1.2	<b>0.8</b>		0.4	<b>6.3</b>	0.8

K (SubTestCode 226) in the Dry Ash Property Groups										Data units: Percent	
	SRB1905			SRB1906			SRB1907			SRB1908	
<b>Grand Median</b>	0.70			10.6			0.99			6.47	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.02			0.3			0.04			0.18	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	



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### Ca (SubTestCode 227) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB1905			SRB1906			SRB1907			SRB1908	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score
<b>98ZXXG</b>	<b>1.19</b>		1.85	<b>1.00</b>		1.93	<b>1.31</b>		1.96	<b>1.67</b>	1.81
<b>A78MXT</b>	<b>1.52</b>		0.09	<b>1.12</b>		0.26	<b>1.89</b>		0.31	<b>2.64</b>	0.28
<b>HVGT2N</b>	<b>1.60</b>		0.22	<b>1.05</b>		0.35	<b>1.92</b>		0.16	<b>2.55</b>	0.72
<b>PNAZHE</b>	<b>1.39</b>		0.72	<b>0.88</b>		0.26	<b>1.69</b>		0.16	<b>2.33</b>	0.36

### Ca (SubTestCode 227) in the Dry Ash Property Groups

Data units: Percent

	SRB1905	SRB1906	SRB1907	SRB1908
<b>Grand Median</b>	1.45	1.02	1.79	2.44
<b>Median Abs Dev</b>				
<b>Avg Within Lab SD</b>	0.07	0.06	0.18	0.07
<b>Labs Included</b>	4	4	4	4
<b>Labs Reporting</b>	4	4	4	4



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**Mg (SubTestCode 228) in the Dry Ash Property Groups** **Data units: Percent**

WebCode	SRB1905			SRB1906			SRB1907			SRB1908	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>98ZXXG</b>	<b>0.58</b>		1.98	<b>0.37</b>		0.31	<b>0.36</b>		1.97	<b>0.51</b>	1.99
<b>A78MXT</b>	<b>0.88</b>		0.08	<b>0.46</b>		1.30	<b>0.47</b>		0.00	<b>0.55</b>	0.07
<b>HVGT2N</b>	<b>0.98</b>		0.01	<b>0.46</b>		0.77	<b>0.51</b>		0.13	<b>0.55</b>	0.09
<b>PNAZHE</b>	<b>0.99</b>		0.27	<b>0.45</b>		1.27	<b>0.49</b>		0.29	<b>0.55</b>	0.11

**Mg (SubTestCode 228) in the Dry Ash Property Groups** **Data units: Percent**

	SRB1905	SRB1906	SRB1907	SRB1908
<b>Grand Median</b>	0.93	0.45	0.48	0.55
<b>Median Abs Dev</b>				
<b>Avg Within Lab SD</b>	0.07	0.00	0.03	0.08
<b>Labs Included</b>	4	4	4	4
<b>Labs Reporting</b>	4	4	4	4



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Na (SubTestCode 229) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>98ZXXG</b>	<b>0.013</b>		1.842	<b>0.059</b>		1.290	<b>0.045</b>		1.862	<b>1.267</b>	1.746
<b>A78MXT</b>	<b>0.004</b>		0.683	<b>0.024</b>		0.184	<b>0.029</b>		0.622	<b>0.813</b>	0.417
<b>HVGT2N</b>	<b>0.002</b>		0.019	<b>0.024</b>		0.015	<b>0.029</b>		0.123	<b>0.833</b>	0.771
<b>PNAZHE</b>	<b>0.007</b>		0.376	<b>0.054</b>		1.517	<b>0.044</b>		0.363	<b>0.948</b>	0.428
Na (SubTestCode 229) in the Dry Ash Property Groups										Data units: Percent	
	SRB1905			SRB1906			SRB1907			SRB1908	
<b>Grand Median</b>	0.006			0.039			0.037			0.89	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.002			0.003			0.007			0.03	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	





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AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg
WebCode	SRB1905			SRB1906			SRB1907			SRB1908
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>HDDJVW</b>	<b>165.7</b>		1.4	<b>433.2</b>		1.3	<b>252.0</b>		1.0	<b>538.7</b> 0.7
<b>HVGT2N</b>	<b>159.7</b>		0.2	<b>485.5</b>		0.5	<b>247.8</b>		1.0	<b>589.7</b> 1.2
AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg
	SRB1905			SRB1906			SRB1907			SRB1908
<b>Grand Median</b>	162.7			459.4			249.9			564.2
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	2.7			12.3			3.5			16.9
<b>Labs Included</b>	2			2			2			2
<b>Labs Reporting</b>	2			2			2			2



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B (SubTestCode 231) in the Dry Ash Property Groups													Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908				
	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>98ZXXG</b>	<b>52.9</b>	0.0	2.4	<b>36.2</b>	0.5	0.9	<b>81.3</b>	-0.2	1.2	<b>57.2</b>	0.6	2.1		
<b>A78MXT</b>	<b>54.7</b>	0.3	0.3	<b>39.0</b>	0.8		<b>92.3</b>	1.2	0.2	<b>58.3</b>	0.7	0.8		
<b>HDDJW</b>	<b>47.2</b>	-1.1	0.4	<b>29.2</b>	-0.4	1.4	<b>83.1</b>	0.0	0.3	<b>46.8</b>	-0.5	0.2		
<b>HVGT2N</b>	<b>53.6</b>	0.1	0.6	<b>31.4</b>	-0.1	0.7	<b>95.6</b>	1.7	0.3	<b>51.7</b>	0.0	1.1		
<b>KXZ99G</b>	<b>41.5</b>	-2.2	0.5	<b>29.3</b>	-0.4	0.4	<b>74.5</b>	-1.1	2.2	<b>38.6</b>	-1.4	0.1		
<b>PNAZHE</b>	<b>51.9</b>	-0.2	0.6	<b>32.4</b>	0.0	0.4	<b>84.0</b>	0.1	0.5	<b>48.7</b>	-0.3	0.3		
<b>PNB8U2</b>	<b>56.5</b>	0.7	0.2	<b>51.7</b>	2.5	1.6	<b>80.7</b>	-0.3	0.6	<b>64.2</b>	1.3	0.7		

B (SubTestCode 231) in the Dry Ash Property Groups													Data units: mg/kg	
	SRB1905			SRB1906			SRB1907			SRB1908				
<b>Grand Median</b>	52.9			32.4			83.1			51.7				
<b>Median Abs Dev</b>	1.8			3.2			2.4			5.5				
<b>Avg Within Lab SD</b>	2.1			1.4			3.5			2.6				
<b>Labs Included</b>	7			7			7			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	SRB1905			SRB1906			SRB1907			SRB1908			
	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>98ZXXG</b>	<b>55.9</b>	1.3	1.8	<b>46.0</b>	1.5	2.2	<b>186.8</b>	0.9	2.0	<b>63.5</b>	1.4	2.2	
<b>A78MXT</b>	<b>49.0</b>	0.0	0.5	<b>38.7</b>	0.2	0.2	<b>166.7</b>	0.0	0.0	<b>56.0</b>	0.2	0.2	
<b>HVGT2N</b>	<b>46.5</b>	-0.5	0.8	<b>31.1</b>	-1.2	0.4	<b>153.9</b>	-0.6	0.7	<b>43.7</b>	-1.8	0.2	
<b>PNAZHE</b>	<b>52.7</b>	0.7	1.0	<b>35.1</b>	-0.5	0.2	<b>169.7</b>	0.1	0.6	<b>54.8</b>	0.0	0.3	
<b>PNB8U2</b>	<b>44.5</b>	-0.9	0.0	<b>37.5</b>	0.0	0.0	<b>130.3</b>	-1.7	0.1	<b>54.4</b>	-0.1	0.0	

Zn (SubTestCode 232) in the Dry Ash Property Groups											Data units: mg/kg		
	SRB1905			SRB1906			SRB1907			SRB1908			
<b>Grand Median</b>	49.0			37.5			166.7			54.8			
<b>Median Abs Dev</b>	3.7			2.5			12.8			1.2			
<b>Avg Within Lab SD</b>	1.8			4.7			11.9			5.1			
<b>Labs Included</b>	5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			



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### Mn (SubTestCode 233) in the Dry Ash Property Groups Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>98ZXXG</b>	<b>143.5</b>	0.0	2.2	<b>106.7</b>	1.1	2.2	<b>123.8</b>	0.4	2.2	<b>83.9</b>	0.9	2.2
<b>A78MXT</b>	<b>142.3</b>	-0.1	0.1	<b>100.3</b>	0.0	0.1	<b>117.0</b>	-0.1	0.3	<b>74.3</b>	-1.2	0.1
<b>HVGT2N</b>	<b>163.4</b>	1.4	0.3	<b>105.4</b>	0.9	0.4	<b>130.2</b>	0.9	0.3	<b>79.8</b>	0.0	0.4
<b>PNAZHE</b>	<b>152.4</b>	0.6	0.2	<b>95.8</b>	-0.8	0.1	<b>118.4</b>	0.0	0.1	<b>74.6</b>	-1.1	0.1
<b>PNB8U2</b>	<b>127.0</b>	-1.2	0.1	<b>97.3</b>	-0.5	0.1	<b>94.3</b>	-1.9	0.1	<b>80.6</b>	0.2	0.0

### Mn (SubTestCode 233) in the Dry Ash Property Groups Data units: mg/kg

	SRB1905	SRB1906	SRB1907	SRB1908
<b>Grand Median</b>	143.5	100.3	118.4	79.8
<b>Median Abs Dev</b>	8.8	4.5	5.4	4.1
<b>Avg Within Lab SD</b>	14.0	9.5	12.8	11.9
<b>Labs Included</b>	5	5	5	5
<b>Labs Reporting</b>	5	5	5	5



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Fe (SubTestCode 234) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>98ZXXG</b>	<b>267.4</b>	1.1	2.1	<b>975.2</b>	1.2	2.0	<b>360.8</b>	1.3	2.2	<b>951.6</b>	1.6	2.2	
<b>A78MXT</b>	<b>198.0</b>	-1.1	0.6	<b>504.7</b>	-0.6	0.8	<b>171.3</b>	-0.9	0.5	<b>305.0</b>	-0.2	0.2	
<b>HVGT2N</b>	<b>258.2</b>	0.8	0.2	<b>654.2</b>	0.0	0.3	<b>248.5</b>	0.0	0.1	<b>390.1</b>	0.0	0.1	
<b>PNAZHE</b>	<b>221.5</b>	-0.4	0.3	<b>546.9</b>	-0.4	0.6	<b>180.6</b>	-0.8	0.2	<b>364.1</b>	-0.1	0.1	
<b>PNB8U2</b>	<b>233.9</b>	0.0	0.1	<b>986.1</b>	1.2	0.2	<b>272.6</b>	0.3	0.0	<b>936.0</b>	1.5	0.1	

Fe (SubTestCode 234) in the Dry Ash Property Groups													Data units: mg/kg
	SRB1905			SRB1906			SRB1907			SRB1908			
<b>Grand Median</b>	233.9			654.2			248.5			390.1			
<b>Median Abs Dev</b>	24.4			149.6			67.9			85.1			
<b>Avg Within Lab SD</b>	19.2			33.0			14.2			112.5			
<b>Labs Included</b>	5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			



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### Cu (SubTestCode 235) in the Dry Ash Property Groups Data units: mg/kg

WebCode	SRB1905			SRB1906			SRB1907			SRB1908		
	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>98ZXXG</b>	<b>16.1</b>	1.3	1.8	<b>29.8</b>	1.5	1.9	<b>45.7</b>	1.2	2.2	<b>21.5</b>	1.0	2.1
<b>A78MXT</b>	<b>13.5</b>	-0.4	0.6	<b>19.8</b>	-1.1	0.8	<b>41.8</b>	0.0	0.5	<b>18.9</b>	-0.8	0.7
<b>HVGT2N</b>	<b>14.1</b>	0.0	0.4	<b>23.5</b>	-0.1	0.4	<b>43.6</b>	0.6	0.1	<b>17.9</b>	-1.5	0.3
<b>PNAZHE</b>	<b>16.4</b>	1.5	1.1	<b>24.0</b>	0.0	0.9	<b>40.5</b>	-0.4	0.3	<b>20.3</b>	0.1	0.0
<b>PNB8U2</b>	<b>13.8</b>	-0.2	0.2	<b>26.9</b>	0.7	0.0	<b>38.2</b>	-1.2	0.0	<b>20.1</b>	0.0	0.0

### Cu (SubTestCode 235) in the Dry Ash Property Groups Data units: mg/kg

	SRB1905	SRB1906	SRB1907	SRB1908
<b>Grand Median</b>	14.1	24.0	41.8	20.1
<b>Median Abs Dev</b>	0.7	2.9	1.8	1.1
<b>Avg Within Lab SD</b>	1.0	0.9	2.8	1.9
<b>Labs Included</b>	5	5	5	5
<b>Labs Reporting</b>	5	5	5	5



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg		
SRB1905			SRB1906			SRB1907			SRB1908			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>HVGT2N</b>	<b>2.02</b>		1.00	<b>0.15</b>		1.00	<b>0.30</b>		1.00	<b>2.02</b>		1.00

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg		
	SRB1905		SRB1906		SRB1907	SRB1908	
<b>Grand Median</b>	2.02		0.15		0.30	2.02	
<b>Median Abs Dev</b>							
<b>Avg Within Lab SD</b>	0.01		0.00		0.00	0.02	
<b>Labs Included</b>	1		1		1	1	
<b>Labs Reporting</b>	1		1		1	1	



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As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>39EBYX</b>	<b>0.14</b>	-0.35	0.48	<b>0.20</b>	-0.01	0.02	<b>0.16</b>	-0.36	0.29	<b>0.64</b>	-0.36	0.06	
<b>8NCFMP</b>	<b>0.16</b>	0.10	2.29	<b>0.16</b>	-0.07	0.16	<b>0.27</b>	1.29	2.40	<b>0.86</b>	0.31	0.72	
<b>BGZT4W</b>	<b>0.13</b>	-0.51	0.40	<b>0.20</b>	0.00	0.00	<b>0.17</b>	-0.23	0.00	<b>0.65</b>	-0.33	0.00	
<b>BNLZTC</b>	<b>0.17</b>	0.29	0.55	<b>0.26</b>	0.10	0.05	<b>0.20</b>	0.18	0.10	<b>0.87</b>	0.34	0.10	
<b>FQAV4D</b>	<b>4.94</b>	120.84X	537.39	<b>1.12</b>	1.65	2.64	<b>0.56</b>	5.64X	1.18	<b>1.37</b>	1.88	2.69	
<b>QJFYNY</b>	<b>0.15</b>	-0.10	0.22	<b>0.20</b>	0.00	0.02	<b>0.17</b>	-0.18	0.27	<b>0.66</b>	-0.31	0.08	
<b>XTYLX2</b>	<b>0.26</b>	2.69	0.00	<b>1.81</b>	2.89	0.09	<b>0.31</b>	1.80	0.25	<b>1.23</b>	1.45	0.07	
<b>Z3XKV7</b>										<b>0.62</b>	-0.42	0.44	

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1905		SRB1906		SRB1907	
<b>Grand Median</b>	0.15		0.20		0.19	
<b>Median Abs Dev</b>	0.01		0.04		0.02	
<b>Avg Within Lab SD</b>	0.01		0.36		0.02	
<b>Labs Included</b>	6		7		6	
<b>Labs Reporting</b>	7		7		7	





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Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>39EBYX</b>	<b>16.2</b>	-0.1	0.4	<b>64.5</b>	0.2	1.1	<b>40.2</b>	-0.1	0.2	<b>24.4</b>	0.0	0.2	
<b>8NCFMP</b>	<b>16.4</b>	0.0	0.2	<b>58.4</b>	-0.7	0.1	<b>40.7</b>	0.1	0.6	<b>24.1</b>	-0.1	0.2	
<b>BGZT4W</b>	<b>16.6</b>	0.2	0.3	<b>63.1</b>	0.0	0.2	<b>40.4</b>	0.0	0.4	<b>24.4</b>	0.0	0.1	
<b>BNLZTC</b>	<b>16.3</b>	0.0	1.6	<b>57.6</b>	-0.8	1.8	<b>36.5</b>	-1.0	1.1	<b>23.0</b>	-0.6	0.4	
<b>F6DC3R</b>	<b>18.1</b>	1.1	2.0	<b>64.2</b>	0.2	2.0	<b>43.7</b>	0.9	2.4	<b>25.5</b>	0.5	1.1	
<b>FQAV4D</b>	<b>71.2</b>	33.6X	265.6	<b>104.5</b>	5.7X	43.4	<b>68.1</b>	7.3X	22.6	<b>34.7</b>	4.3X	9.8	
<b>N7FGZT</b>	<b>17.9</b>	0.9	0.5	<b>66.2</b>	0.4	0.2	<b>44.9</b>	1.2	0.3	<b>25.8</b>	0.6	0.6	
<b>QJFYNY</b>	<b>17.9</b>	0.9	1.1	<b>69.8</b>	0.9	0.3	<b>44.0</b>	0.9	1.1	<b>26.7</b>	1.0	2.6	
<b>XTYLX2</b>	<b>14.7</b>	-1.0	0.8	<b>54.3</b>	-1.2	0.5	<b>36.5</b>	-1.0	0.1	<b>20.3</b>	-1.7	0.3	
<b>Z3XKV7</b>	<b>13.3</b>	-1.9	0.3	<b>50.2</b>	-1.8	0.4	<b>36.9</b>	-0.9	0.1	<b>20.6</b>	-1.6	0.3	

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1905	SRB1906	SRB1907	SRB1908	
<b>Grand Median</b>	16.4	63.1	40.4	24.4	
<b>Median Abs Dev</b>	1.5	4.8	3.5	1.4	
<b>Avg Within Lab SD</b>	0.3	1.6	1.8	1.0	
<b>Labs Included</b>	9	9	9	9	
<b>Labs Reporting</b>	10	10	10	10	



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>39EBYX</b>	<b>0.04</b>	-0.75	0.08	<b>1.72</b>	0.26	0.36	<b>0.10</b>	-0.44	1.16	<b>1.10</b>	-0.04	0.13	
<b>8NCFMP</b>	<b>0.05</b>	1.14	0.78	<b>1.65</b>	-0.23	0.33	<b>0.11</b>	0.36	1.14	<b>1.11</b>	0.08	0.49	
<b>BGZT4W</b>	<b>0.04</b>	-1.04	0.13	<b>1.65</b>	-0.24	0.54	<b>0.10</b>	-0.19	0.00	<b>1.08</b>	-0.25	0.26	
<b>BNLZTC</b>	<b>0.05</b>	-0.10	0.37	<b>1.65</b>	-0.24	1.09	<b>0.09</b>	-0.75	0.11	<b>1.12</b>	0.21	0.46	
<b>F6DC3R</b>				<b>1.54</b>	-1.03	1.63				<b>1.01</b>	-0.99	0.74	
<b>FQAV4D</b>	<b>0.05</b>	0.92	2.27	<b>1.83</b>	1.05	1.89	<b>0.12</b>	2.10	1.61	<b>1.90</b>	8.47X	30.25	
<b>N7FGZT</b>				<b>1.83</b>	1.04	0.97				<b>1.28</b>	1.87	2.37	
<b>QJFYNY</b>	<b>0.05</b>	0.10	0.24	<b>1.80</b>	0.83	0.94	<b>0.10</b>	0.19	0.86	<b>1.12</b>	0.25	1.47	
<b>XTYLX2</b>	<b>0.15</b>	18.16X	0.42	<b>1.72</b>	0.23	0.43	<b>0.20</b>	10.86X	1.05	<b>1.10</b>	0.00	0.23	
<b>Z3XKV7</b>				<b>1.46</b>	-1.58	0.12				<b>0.87</b>	-2.39	0.32	

Cd (SubTestCode 239) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB1905		SRB1906		SRB1907		SRB1908	
<b>Grand Median</b>	0.047		1.68		0.10		1.10	
<b>Median Abs Dev</b>	0.005		0.08		0.00		0.02	
<b>Avg Within Lab SD</b>	0.014		0.05		0.01		0.04	
<b>Labs Included</b>	6		10		6		9	
<b>Labs Reporting</b>	7		10		7		10	



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>39EBYX</b>	<b>0.86</b>	0.48	0.30	<b>2.33</b>	0.16	0.78	<b>0.41</b>	-0.39	0.11	<b>0.89</b>	-0.22	0.73	
<b>8NCFMP</b>	<b>0.81</b>	0.00	0.16	<b>2.44</b>	0.34	0.35	<b>0.44</b>	-0.17	0.03	<b>1.10</b>	0.76	0.88	
<b>8TNK3W</b>	<b>0.81</b>	0.04	0.26	<b>2.22</b>	0.00	0.14	<b>0.26</b>	-1.30	0.16	<b>1.08</b>	0.63	0.55	
<b>BGZT4W</b>	<b>0.75</b>	-0.46	0.23	<b>1.86</b>	-0.57	0.10	<b>0.41</b>	-0.37	0.09	<b>1.03</b>	0.43	0.76	
<b>BNLZTC</b>	<b>0.78</b>	-0.24	0.61	<b>3.13</b>	1.41	2.34	<b>0.58</b>	0.65	0.89	<b>1.01</b>	0.31	0.39	
<b>F6DC3R</b>	<b>0.61</b>	-1.75	0.43	<b>1.26</b>	-1.50	0.49				<b>0.68</b>	-1.24	1.16	
<b>FQAV4D</b>	<b>0.96</b>	1.39	1.47	<b>3.03</b>	1.26	1.40	<b>0.62</b>	0.94	1.22	<b>1.30</b>	1.66	0.52	
<b>N7FGZT</b>	<b>0.85</b>	0.38	1.24	<b>2.02</b>	-0.31	0.59	<b>0.23</b>	-1.49	0.28	<b>0.85</b>	-0.44	2.33	
<b>QJFYNY</b>	<b>0.90</b>	0.83	2.45	<b>2.44</b>	0.34	1.17	<b>0.50</b>	0.17	0.71	<b>0.94</b>	0.00	0.84	
<b>XTYLX2</b>	<b>0.75</b>	-0.49	0.68	<b>1.73</b>	-0.78	0.92	<b>0.65</b>	1.10	2.49	<b>0.74</b>	-0.94	0.31	
<b>Z3XKV7</b>	<b>0.65</b>	-1.37	0.18	<b>1.75</b>	-0.74	0.11	<b>0.50</b>	0.17	0.94	<b>0.77</b>	-0.79	0.91	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB1905		SRB1906		SRB1907		SRB1908	
<b>Grand Median</b>	0.81		2.22		0.47		0.94	
<b>Median Abs Dev</b>	0.05		0.37		0.08		0.14	
<b>Avg Within Lab SD</b>	0.07		0.39		0.18		0.06	
<b>Labs Included</b>	11		11		10		11	
<b>Labs Reporting</b>	11		11		10		11	



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>39EBYX</b>	<b>1.17</b>	0.00	0.45	<b>7.42</b>	-0.10	0.30	<b>4.91</b>	-0.08	0.23	<b>1.95</b>	-0.13	0.62	
<b>8NCFMP</b>	<b>1.19</b>	0.13	0.40	<b>7.41</b>	-0.10	0.26	<b>5.32</b>	0.58	1.74	<b>2.34</b>	0.87	0.56	
<b>BGZT4W</b>	<b>1.04</b>	-1.10	0.00	<b>6.84</b>	-0.81	0.46	<b>4.13</b>	-1.37	0.54	<b>1.97</b>	-0.09	0.34	
<b>BNLZTC</b>	<b>1.17</b>	-0.03	0.53	<b>7.57</b>	0.10	0.81	<b>4.94</b>	-0.03	0.14	<b>2.35</b>	0.90	1.41	
<b>F6DC3R</b>	<b>1.13</b>	-0.31	1.35	<b>6.90</b>	-0.74	1.36	<b>4.36</b>	-1.00	0.34	<b>2.04</b>	0.09	0.20	
<b>FQAV4D</b>	<b>1.18</b>	0.09	2.18	<b>7.99</b>	0.62	2.28	<b>5.40</b>	0.72	1.76	<b>2.18</b>	0.46	2.44	
<b>N7FGZT</b>	<b>1.44</b>	2.29	1.23	<b>8.62</b>	1.40	0.97	<b>5.80</b>	1.39	1.18	<b>1.62</b>	-0.99	0.46	
<b>QJFYNY</b>	<b>1.37</b>	1.66	0.71	<b>7.80</b>	0.37	0.20	<b>5.23</b>	0.45	0.97	<b>2.61</b>	1.59	0.37	
<b>XTYLX2</b>	<b>1.17</b>	0.00	0.40	<b>7.71</b>	0.27	0.59	<b>4.98</b>	0.03	0.59	<b>1.48</b>	-1.37	0.62	
<b>Z3XKV7</b>	<b>1.04</b>	-1.14	0.79	<b>5.70</b>	-2.23	0.80	<b>4.30</b>	-1.10	0.85	<b>1.90</b>	-0.26	0.67	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1905		SRB1906		SRB1907	SRB1908
<b>Grand Median</b>	1.17		7.50		4.96	2.00
<b>Median Abs Dev</b>	0.03		0.40		0.39	0.26
<b>Avg Within Lab SD</b>	0.07		0.25		0.18	0.20
<b>Labs Included</b>	10		10		10	10
<b>Labs Reporting</b>	10		10		10	10



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Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>39EBYX</b>	<b>0.15</b>	-0.12	0.01	<b>0.36</b>	-0.43	0.09	<b>0.32</b>	-0.48	0.08	<b>0.38</b>	-0.42	0.12	
<b>8NCFMP</b>	<b>0.16</b>	-0.09	0.18	<b>0.53</b>	0.28	1.27	<b>0.47</b>	0.00	0.39	<b>0.47</b>	-0.13	0.74	
<b>BGZT4W</b>	<b>0.20</b>	0.00	0.02	<b>0.45</b>	-0.05	0.07	<b>0.38</b>	-0.28	0.10	<b>0.54</b>	0.13	0.06	
<b>BNLZTC</b>	<b>0.15</b>	-0.13	0.01	<b>0.35</b>	-0.51	0.08	<b>0.30</b>	-0.55	0.13	<b>0.38</b>	-0.42	0.06	
<b>F6DC3R</b>	<b>0.78</b>	1.27	0.56	<b>1.00</b>	2.26	2.40	<b>1.00</b>	1.66	0.25	<b>1.18</b>	2.36	1.19	
<b>FQAV4D</b>	<b>0.81</b>	1.32	2.89	<b>0.48</b>	0.05	0.70	<b>0.57</b>	0.31	2.34	<b>0.70</b>	0.68	2.41	
<b>QJFYNY</b>	<b>0.15</b>	-0.11	0.02	<b>0.35</b>	-0.50	0.05	<b>0.30</b>	-0.53	0.07	<b>0.41</b>	-0.34	0.18	
<b>XTYLY2</b>	<b>1.26</b>	2.31	0.52	<b>2.09</b>	6.93X	1.44	<b>1.04</b>	1.79	1.70	<b>1.83</b>	4.64X	0.48	
<b>Z3XKV7</b>	<b>0.53</b>	0.72	0.09	<b>0.77</b>	1.32	0.30	<b>0.62</b>	0.48	0.62	<b>0.77</b>	0.92	0.42	

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB1905		SRB1906		SRB1907		SRB1908	
<b>Grand Median</b>	0.20		0.46		0.47		0.50	
<b>Median Abs Dev</b>	0.06		0.11		0.15		0.12	
<b>Avg Within Lab SD</b>	0.30		0.08		0.16		0.17	
<b>Labs Included</b>	9		8		9		8	
<b>Labs Reporting</b>	9		9		9		9	



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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1905			SRB1906			SRB1907			SRB1908			
	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>39EBYX</b>	<b>59.1</b>	-0.1	0.6	<b>43.2</b>	-0.1	0.5	<b>128.7</b>	0.0	0.4	<b>280.7</b>	0.0	0.2	
<b>8NCFMP</b>	<b>64.8</b>	1.2	0.5	<b>47.8</b>	1.1	0.0	<b>143.0</b>	1.3	0.3	<b>314.7</b>	1.2	0.3	
<b>8TNK3W</b>	<b>55.1</b>	-1.0	0.2	<b>40.7</b>	-0.8	0.2	<b>118.7</b>	-0.9	0.9				
<b>BNLZTC</b>	<b>56.6</b>	-0.7	0.6	<b>42.5</b>	-0.3	2.0	<b>125.0</b>	-0.3	1.7	<b>266.3</b>	-0.5	1.5	
<b>F6DC3R</b>	<b>60.0</b>	0.1	0.6	<b>44.1</b>	0.1	1.9	<b>128.5</b>	0.0	0.6	<b>271.6</b>	-0.3	1.9	
<b>FQAV4D</b>	<b>64.0</b>	1.0	1.3	<b>45.6</b>	0.5	1.1	<b>141.6</b>	1.2	1.2	<b>293.0</b>	0.4	1.0	
<b>N7FGZT</b>	<b>63.8</b>	0.9	0.4	<b>45.2</b>	0.4	0.1	<b>143.8</b>	1.4	0.3	<b>303.0</b>	0.8	0.4	
<b>QJFYNY</b>	<b>60.8</b>	0.3	1.7	<b>45.7</b>	0.6	0.5	<b>136.3</b>	0.7	1.8	<b>302.3</b>	0.8	1.2	
<b>XTYLX2</b>	<b>54.5</b>	-1.1	0.8	<b>38.3</b>	-1.4	0.4	<b>121.5</b>	-0.7	0.2	<b>246.3</b>	-1.2	0.7	
<b>Z3XKV7</b>	<b>57.9</b>	-0.4	1.8	<b>38.2</b>	-1.4	0.6	<b>127.2</b>	-0.1	0.8	<b>253.6</b>	-0.9	0.4	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1905		SRB1906		SRB1907	
<b>Grand Median</b>	59.6		43.6		128.6	
<b>Median Abs Dev</b>	3.6		2.0		7.4	
<b>Avg Within Lab SD</b>	1.1		1.2		3.6	
<b>Labs Included</b>	10		10		10	
<b>Labs Reporting</b>	10		10		10	





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### PH (SubTestCode 301)

Data units:

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7NEMXD</b>	<b>8.52</b>	1.44	0.05	<b>7.79</b>	0.61	0.04	<b>8.32</b>	1.03	0.09
<b>8NCFMP</b>	<b>7.89</b>	-0.78	0.00	<b>7.60</b>	-0.10	0.00	<b>8.19</b>	-0.07	0.00
<b>98ZXXG</b>	<b>8.17</b>	0.20	1.51	<b>7.56</b>	-0.26	1.57	<b>8.16</b>	-0.33	2.15
<b>A2GFDZ</b>	<b>8.11</b>	0.00	1.19	<b>7.63</b>	0.01	0.18	<b>8.15</b>	-0.42	0.73
<b>A78MXT</b>	<b>8.00</b>	-0.39	0.84	<b>7.61</b>	-0.05	0.61	<b>7.99</b>	-1.79	0.64
<b>C7XA8G</b>	<b>8.21</b>	0.34	0.17	<b>7.54</b>	-0.33	0.18	<b>8.18</b>	-0.13	0.09
<b>CEREZH</b>	<b>7.82</b>	-1.03	0.20	<b>7.55</b>	-0.29	0.12	<b>8.13</b>	-0.57	0.09
<b>D3VDRR</b>	<b>8.36</b>	0.87	1.37	<b>8.27</b>	2.45	1.02	<b>8.35</b>	1.29	2.16
<b>HDDJVW</b>	<b>7.88</b>	-0.81	1.25	<b>7.44</b>	-0.69	0.48	<b>8.20</b>	-0.01	1.35
<b>N7FGZT</b>	<b>8.08</b>	-0.11	0.30	<b>7.65</b>	0.08	0.17	<b>8.24</b>	0.33	0.37
<b>NBQVXD</b>	<b>8.31</b>	0.69	2.24	<b>7.83</b>	0.77	1.39	<b>8.41</b>	1.87	0.51
<b>QMXKND</b>	<b>8.00</b>	-0.39	0.21	<b>7.63</b>	0.00	0.04	<b>8.23</b>	0.25	0.24
<b>RA6HPH</b>	<b>8.17</b>	0.19	0.57	<b>7.50</b>	-0.48		<b>8.20</b>	0.01	0.00
<b>UDEHV9</b>	<b>7.66</b>	-1.59	0.43	<b>6.97</b>	-2.49	0.07	<b>7.61</b>	-5.15X	0.46
<b>UECTQB</b>	<b>7.50</b>	-2.16	0.09	<b>7.82</b>	0.72	0.03	<b>8.19</b>	-0.04	0.07
<b>UL86VZ</b>	<b>8.14</b>	0.08	1.75	<b>8.06</b>	1.62	3.13	<b>8.35</b>	1.29	1.86
<b>Y4YVE4</b>	<b>8.23</b>	0.40	0.60	<b>7.76</b>	0.52	0.20	<b>8.35</b>	1.35	0.09

### PH (SubTestCode 301)

Data units:

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	8.11	7.63	8.20
<b>Median Abs Dev</b>	0.11	0.13	0.04
<b>Avg Within Lab SD</b>	0.10	0.15	0.06
<b>Labs Included</b>	17	17	16
<b>Labs Reporting</b>	17	17	17





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EC (SubTestCode 302)										Data units: dS/m
WebCode	SRW1904			SRW1905			SRW1906			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>7NEMXD</b>	<b>1.29</b>	10.85X	0.19	<b>0.25</b>	17.23X	0.01	<b>0.90</b>	16.10X	0.04	
<b>8NCFMP</b>	<b>0.64</b>	-0.34	0.00	<b>0.12</b>	-0.32	0.13	<b>0.45</b>	-0.24	0.05	
<b>98ZXXG</b>	<b>0.69</b>	0.46	0.53	<b>0.15</b>	4.06	2.06	<b>0.49</b>	0.98	0.64	
<b>A2GFDZ</b>	<b>0.59</b>	-1.14	0.27	<b>0.12</b>	-0.41	0.00	<b>0.42</b>	-1.44	0.00	
<b>A78MXT</b>	<b>0.67</b>	0.12	0.27	<b>0.12</b>	0.05	1.32	<b>0.46</b>	0.15	0.52	
<b>C7XA8G</b>	<b>0.69</b>	0.60	2.40	<b>0.13</b>	0.85	1.99	<b>0.49</b>	1.01	3.10	
<b>CEREZH</b>	<b>0.64</b>	-0.28	0.27	<b>0.12</b>	-0.41	0.00	<b>0.45</b>	-0.46	0.52	
<b>D3VDRR</b>	<b>0.54</b>	-2.05	0.55	<b>0.11</b>	-1.91	0.46	<b>0.36</b>	-3.48	0.16	
<b>HDDJVW</b>	<b>0.66</b>	0.01	0.00	<b>0.12</b>	0.05	1.32	<b>0.47</b>	0.39	0.00	
<b>N7FGZT</b>	<b>0.66</b>	0.00	0.05	<b>0.12</b>	0.00	0.00	<b>0.46</b>	0.11	0.05	
<b>QMXKND</b>	<b>0.67</b>	0.13	0.20	<b>0.13</b>	0.59	0.53	<b>0.46</b>	0.00	0.19	
<b>RA6HPH</b>	<b>0.64</b>	-0.40	0.27	<b>0.12</b>	0.05	1.32	<b>0.45</b>	-0.34	0.00	
<b>UDEHV9</b>	<b>0.66</b>	0.01	0.00	<b>0.12</b>	-0.41	0.00	<b>0.46</b>	0.02	0.00	
<b>UECTQB</b>	<b>0.48</b>	-3.13	0.12	<b>1.03</b>	123.96X	0.95	<b>0.45</b>	-0.27	0.27	
<b>UL86VZ</b>	<b>0.58</b>	-1.43	2.87	<b>0.12</b>	-0.34	0.16	<b>0.43</b>	-1.09	2.07	
<b>Y4YVE4</b>	<b>0.66</b>	0.02	0.22	<b>0.12</b>	0.00	0.00	<b>0.46</b>	0.13	0.16	

EC (SubTestCode 302)				Data units: dS/m
	SRW1904	SRW1905	SRW1906	
<b>Grand Median</b>	0.66	0.12	0.46	
<b>Median Abs Dev</b>	0.02	0.00	0.01	
<b>Avg Within Lab SD</b>	0.02	0.00	0.01	
<b>Labs Included</b>	15	14	15	
<b>Labs Reporting</b>	16	16	16	



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### Ca (SubTestCode 303) in the Cations Property Groups Data units: mmolc/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7NEMXD</b>	<b>3.36</b>	-1.29	0.33	<b>0.58</b>	0.63	3.34	<b>2.49</b>	-1.56	0.33
<b>8NCFMP</b>	<b>4.38</b>	0.00	0.21	<b>0.52</b>	-0.41	0.04	<b>3.17</b>	-0.14	0.27
<b>98ZXXG</b>	<b>4.73</b>	0.44	1.46	<b>0.56</b>	0.25	0.40	<b>3.61</b>	0.78	1.73
<b>A2GFDZ</b>	<b>4.39</b>	0.01	0.24	<b>0.57</b>	0.47	0.53	<b>3.24</b>	0.00	0.24
<b>A78MXT</b>	<b>3.87</b>	-0.65	0.26	<b>0.57</b>	0.42	0.67	<b>2.87</b>	-0.78	0.52
<b>C7XA8G</b>	<b>4.91</b>	0.67	0.67	<b>0.64</b>	1.62	0.35	<b>3.56</b>	0.66	0.64
<b>D3VDRR</b>	<b>3.06</b>	-1.67	0.26	<b>0.48</b>	-1.04	0.15	<b>2.26</b>	-2.05	0.41
<b>HDDJVW</b>	<b>4.29</b>	-0.12	0.67	<b>0.51</b>	-0.49	0.70	<b>3.17</b>	-0.14	0.85
<b>N7FGZT</b>	<b>4.45</b>	0.09	0.03	<b>0.53</b>	-0.28	0.02	<b>3.27</b>	0.05	0.04
<b>NBQVXD</b>	<b>2.28</b>	-2.66X	0.13	<b>0.36</b>	-3.15X	0.22	<b>1.73</b>	-3.17X	0.21
<b>QMXKND</b>	<b>4.73</b>	0.44	0.21	<b>0.58</b>	0.60	0.07	<b>3.51</b>	0.56	0.14
<b>RA6HPH</b>	<b>4.99</b>	0.77	0.60	<b>0.54</b>	0.00	0.86	<b>3.62</b>	0.79	1.07
<b>UDEHV9</b>	<b>4.07</b>	-0.39	0.60	<b>0.46</b>	-1.39	0.72	<b>2.97</b>	-0.57	1.17
<b>UECTQB</b>	<b>3.22</b>	-1.47		<b>0.52</b>	-0.37		<b>3.33</b>	0.19	
<b>UL86VZ</b>	<b>3.42</b>	-1.22	3.08	<b>0.49</b>	-0.81	0.07	<b>2.93</b>	-0.65	2.55
<b>Y4YVE4</b>	<b>5.08</b>	0.89	0.63	<b>0.62</b>	1.35	0.22	<b>3.81</b>	1.19	0.34

### Ca (SubTestCode 303) in the Cations Property Groups Data units: mmolc/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	4.38	0.54	3.24
<b>Median Abs Dev</b>	0.51	0.03	0.31
<b>Avg Within Lab SD</b>	0.22	0.09	0.11
<b>Labs Included</b>	15	15	15
<b>Labs Reporting</b>	16	16	16



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### Mg (SubTestCode 304) in the Cations Property Groups Data units: mmolc/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7NEMXD</b>	<b>2.20</b>	-0.81	0.46	<b>0.33</b>	-0.34	1.47	<b>1.25</b>	-0.98	0.13
<b>8NCFMP</b>	<b>2.41</b>	0.04	0.48	<b>0.33</b>	-0.24	0.08	<b>1.34</b>	-0.33	0.35
<b>98ZXXG</b>	<b>2.32</b>	-0.35	1.81	<b>0.36</b>	0.54	0.62	<b>1.38</b>	-0.01	0.94
<b>A2GFDZ</b>	<b>2.56</b>	0.63	1.97	<b>0.36</b>	0.52	1.14	<b>1.39</b>	0.07	1.27
<b>A78MXT</b>	<b>2.03</b>	-1.50	0.84	<b>0.30</b>	-1.04	0.00	<b>1.30</b>	-0.62	0.00
<b>C7XA8G</b>	<b>2.56</b>	0.66	0.45	<b>0.41</b>	1.61	0.70	<b>1.47</b>	0.66	1.17
<b>D3VDRR</b>	<b>1.69</b>	-2.88	0.88	<b>0.30</b>	-1.05	2.39	<b>0.99</b>	-3.00	0.56
<b>HDDJVW</b>	<b>2.44</b>	0.17	0.19				<b>1.38</b>	0.00	0.19
<b>N7FGZT</b>	<b>2.40</b>	0.00	0.03	<b>0.34</b>	-0.18	0.00	<b>1.34</b>	-0.29	0.07
<b>NBQVXD</b>	<b>1.22</b>	-4.82X	0.21	<b>0.21</b>	-3.25X	0.31	<b>0.71</b>	-5.18X	0.16
<b>QMXKND</b>	<b>2.49</b>	0.36	0.23	<b>0.38</b>	0.95	0.11	<b>1.46</b>	0.60	0.14
<b>RA6HPH</b>	<b>2.65</b>	0.99	0.33	<b>0.35</b>	0.18	0.14	<b>1.47</b>	0.69	1.39
<b>UDEHV9</b>	<b>2.36</b>	-0.17	1.67	<b>0.31</b>	-0.71	1.14	<b>1.31</b>	-0.57	2.41
<b>UECTQB</b>	<b>2.38</b>	-0.09		<b>0.36</b>	0.44		<b>1.47</b>	0.69	
<b>UL86VZ</b>	<b>2.39</b>	-0.06	0.57	<b>0.33</b>	-0.34	1.26	<b>1.39</b>	0.09	1.21
<b>Y4YVE4</b>	<b>2.75</b>	1.41	1.18	<b>0.40</b>	1.30	0.25	<b>1.58</b>	1.51	0.66

### Mg (SubTestCode 304) in the Cations Property Groups Data units: mmolc/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	2.40	0.34	1.38
<b>Median Abs Dev</b>	0.09	0.02	0.08
<b>Avg Within Lab SD</b>	0.07	0.02	0.03
<b>Labs Included</b>	15	14	15
<b>Labs Reporting</b>	16	15	16



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

Data units: mmolc/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7NEMXD</b>	<b>0.50</b>	1.13	1.76	<b>0.34</b>	0.00	0.11	<b>0.44</b>	0.25	0.18
<b>8NCFMP</b>	<b>0.43</b>	-0.25	0.11	<b>0.31</b>	-0.55	0.07	<b>0.38</b>	-0.97	0.26
<b>98ZXXG</b>	<b>0.35</b>	-1.57	0.65	<b>0.31</b>	-0.62	0.77	<b>0.38</b>	-0.95	1.98
<b>A2GFDZ</b>	<b>0.40</b>	-0.65	0.70	<b>0.31</b>	-0.56	0.55	<b>0.39</b>	-0.78	1.07
<b>A78MXT</b>	<b>0.37</b>	-1.30	1.95	<b>0.27</b>	-1.65	2.75	<b>0.30</b>	-2.56	0.00
<b>C7XA8G</b>	<b>0.47</b>	0.52	0.29	<b>0.37</b>	0.75	0.21	<b>0.44</b>	0.21	0.02
<b>CEREZH</b>	<b>0.44</b>	0.00	0.00	<b>0.34</b>	-0.01	0.27	<b>0.40</b>	-0.51	0.36
<b>D3VDRR</b>	<b>0.36</b>	-1.35	0.89	<b>0.30</b>	-0.98	1.28	<b>0.35</b>	-1.60	1.48
<b>HDDJVW</b>	<b>0.45</b>	0.12	0.10	<b>0.35</b>	0.23	0.08	<b>0.43</b>	0.00	0.07
<b>N7FGZT</b>	<b>0.40</b>	-0.64	0.00	<b>0.31</b>	-0.55	0.03	<b>0.39</b>	-0.78	0.09
<b>NBQVXD</b>	<b>0.44</b>	0.06	0.25	<b>0.36</b>	0.52	0.22	<b>0.43</b>	0.11	0.34
<b>QMXKND</b>	<b>0.46</b>	0.32	0.15	<b>0.39</b>	1.29	0.11	<b>0.45</b>	0.44	0.32
<b>RA6HPH</b>	<b>0.52</b>	1.45	0.64	<b>0.42</b>	1.96	1.71	<b>0.51</b>	1.63	1.90
<b>UDEHV9</b>	<b>0.45</b>	0.18	0.89	<b>0.37</b>	0.69	1.20	<b>0.43</b>	0.08	1.28
<b>UECTQB</b>	<b>0.41</b>	-0.53		<b>0.36</b>	0.53		<b>0.43</b>	0.02	
<b>UL86VZ</b>	<b>0.43</b>	-0.15	0.28	<b>0.33</b>	-0.19	0.41	<b>0.41</b>	-0.44	0.81
<b>Y4YVE4</b>	<b>0.51</b>	1.24	2.43	<b>0.35</b>	0.38	1.10	<b>0.44</b>	0.14	1.55

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

Data units: mmolc/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.44	0.34	0.43
<b>Median Abs Dev</b>	0.03	0.02	0.02
<b>Avg Within Lab SD</b>	0.03	0.02	0.02
<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	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7NEMXD</b>	<b>0.062</b>	-1.349	0.076	<b>0.036</b>	-0.968	0.070	<b>0.026</b>	-0.521	0.078
<b>8NCFMP</b>	<b>0.101</b>	0.262	0.098	<b>0.059</b>	0.000	0.026	<b>0.031</b>	-0.143	0.117
<b>98ZXXG</b>	<b>0.079</b>	-0.673	2.497	<b>0.095</b>	1.545	0.293	<b>0.043</b>	0.958	1.764
<b>A2GFDZ</b>	<b>0.097</b>	0.069	0.370	<b>0.053</b>	-0.219	0.302	<b>0.033</b>	0.086	1.174
<b>C7XA8G</b>	<b>0.100</b>	0.192	0.047	<b>0.065</b>	0.292	0.056	<b>0.035</b>	0.193	0.045
<b>CEREZH</b>	<b>0.150</b>	2.279	0.000	<b>0.107</b>	2.043	0.302	<b>0.050</b>	1.517	0.000
<b>D3VDRR</b>	<b>0.136</b>	1.699	2.499	<b>0.085</b>	1.124	3.615	<b>0.095</b>	5.381X	8.335
<b>HDDJVV</b>	<b>0.076</b>	-0.787	0.536	<b>0.037</b>	-0.897	0.472	<b>0.012</b>	-1.710	1.892
<b>N7FGZT</b>	<b>0.090</b>	-0.221	0.037	<b>0.053</b>	-0.219	0.030	<b>0.031</b>	-0.086	0.117
<b>NBQVXD</b>	<b>0.095</b>	0.002	0.093	<b>0.061</b>	0.105	0.136	<b>0.036</b>	0.278	0.323
<b>QMXKND</b>	<b>0.094</b>	-0.027	0.195	<b>0.065</b>	0.280	0.051	<b>0.039</b>	0.568	0.177
<b>RA6HPH</b>	<b>0.095</b>	0.000	0.231	<b>0.048</b>	-0.445	0.318	<b>0.025</b>	-0.601	0.714
<b>UDEHV9</b>	<b>0.117</b>	0.898	0.979	<b>0.080</b>	0.912	0.522	<b>0.060</b>	2.375	2.033
<b>UECTQB</b>	<b>0.060</b>	-1.450		<b>0.040</b>	-0.785		<b>0.030</b>	-0.200	
<b>UL86VZ</b>	<b>0.090</b>	-0.210	0.138	<b>0.052</b>	-0.284	0.184	<b>0.030</b>	-0.207	0.341

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

Data units: mmolc/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.10	0.059	0.032
<b>Median Abs Dev</b>	0.01	0.011	0.005
<b>Avg Within Lab SD</b>	0.02	0.019	0.005
<b>Labs Included</b>	15	15	14
<b>Labs Reporting</b>	15	15	15



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

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8NCFMP</b>							<b>0.010</b>		0.000
<b>NBQVXD</b>	<b>0.004</b>		0.266	<b>0.004</b>		0.102	<b>0.004</b>		0.130
<b>QMXKND</b>	<b>0.001</b>		0.000	<b>0.001</b>		0.000	<b>0.001</b>		0.000
<b>RA6HPH</b>	<b>0.014</b>		1.712	<b>0.029</b>		1.729	<b>0.018</b>		1.996

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

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.004	0.004	0.007
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.004	0.006	0.006
<b>Labs Included</b>	3	3	4
<b>Labs Reporting</b>	3	3	4



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Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1904			SRW1905			SRW1906			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8NCFMP</b>	<b>7.32</b>	-0.19	0.12	<b>1.22</b>	-0.38	0.06	<b>4.93</b>	-0.30	0.20	
<b>A2GFDZ</b>	<b>7.45</b>	0.00	0.35	<b>1.30</b>	0.00	0.42	<b>5.05</b>	0.00	0.10	
<b>C7XA8G</b>	<b>8.04</b>	0.88	0.64	<b>1.48</b>	0.88	0.85	<b>5.50</b>	1.09	0.47	
<b>HDDJW</b>	<b>7.25</b>	-0.29	0.57	<b>0.90</b>	-1.97	1.27	<b>4.99</b>	-0.15	0.67	
<b>QMXKND</b>	<b>7.77</b>	0.48	0.23	<b>1.42</b>	0.57	0.16	<b>5.46</b>	1.00	0.12	
<b>RA6HPH</b>	<b>8.26</b>	1.21	0.53	<b>1.39</b>	0.44	2.00	<b>5.64</b>	1.46	1.21	
<b>UL86VZ</b>	<b>6.32</b>	-1.67	2.41	<b>1.20</b>	-0.47	0.67	<b>4.76</b>	-0.73	2.19	

Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
	SRW1904			SRW1905			SRW1906			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>	7.45			1.30			5.05			
<b>Median Abs Dev</b>	0.32			0.10			0.29			
<b>Avg Within Lab SD</b>	0.27			0.05			0.15			
<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	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7NEMXD</b>	<b>0.28</b>	1.53	2.17	<b>0.48</b>	-0.04	1.47	<b>0.29</b>	0.82	0.24
<b>8NCFMP</b>	<b>0.23</b>	-0.27	0.00	<b>0.48</b>	0.05	0.00	<b>0.25</b>	-0.56	1.62
<b>A2GFDZ</b>	<b>0.22</b>	-0.78	1.04	<b>0.46</b>	-0.34	0.11	<b>0.26</b>	-0.45	1.62
<b>A78MXT</b>	<b>0.20</b>	-1.42	0.00	<b>0.40</b>	-1.83	1.93	<b>0.20</b>	-2.36	0.00
<b>C7XA8G</b>	<b>0.24</b>	0.23	0.42	<b>0.51</b>	0.78	0.32	<b>0.28</b>	0.25	0.57
<b>NBQVXD</b>	<b>0.24</b>	0.00	0.18	<b>0.48</b>	0.00	0.09	<b>0.28</b>	0.28	0.61
<b>UECTQB</b>	<b>0.25</b>	0.50		<b>0.55</b>	1.69		<b>0.27</b>	0.00	
<b>UL86VZ</b>	<b>1.43</b>	45.49X	4.53	<b>2.87</b>	56.02X	1.05	<b>1.52</b>	42.21X	6.55

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

Data units:

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.24	0.48	0.27
<b>Median Abs Dev</b>	0.01	0.01	0.01
<b>Avg Within Lab SD</b>	0.01	0.05	0.00
<b>Labs Included</b>	7	7	7
<b>Labs Reporting</b>	8	8	8





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### Adj-SAR (SubTestCode 310) in the Cations Property Groups

Data units:

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>A78MXT</b>	<b>0.27</b>		1.00	<b>0.27</b>		1.00	<b>0.20</b>		1.00
<b>UCTQB</b>	<b>0.29</b>			<b>0.40</b>			<b>0.33</b>		

### Adj-SAR (SubTestCode 310) in the Cations Property Groups

Data units:

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.28	0.33	0.27
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.06	0.06	0.00
<b>Labs Included</b>	2	2	2
<b>Labs Reporting</b>	2	2	2



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### HCO<sub>3</sub> (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8NCFMP</b>	<b>5.29</b>	0.08	0.00	<b>0.89</b>	-0.21	0.00	<b>3.17</b>	0.04	0.00
<b>A2GFDZ</b>	<b>5.17</b>	-0.10	0.20	<b>0.90</b>	-0.14	0.00	<b>3.10</b>	-0.19	0.00
<b>A78MXT</b>	<b>5.27</b>	0.05	0.39	<b>0.80</b>	-0.84	0.00	<b>3.07</b>	-0.29	0.96
<b>C7XA8G</b>	<b>6.46</b>	1.86	0.40	<b>1.09</b>	1.20	0.40	<b>3.81</b>	2.05	0.49
<b>HDDJWV</b>	<b>5.89</b>	0.99	0.36	<b>1.05</b>	0.92	0.31	<b>3.55</b>	1.24	0.71
<b>QMXKND</b>	<b>5.33</b>	0.15	0.13	<b>1.00</b>	0.56	0.14	<b>3.15</b>	-0.04	0.14
<b>RA6HPH</b>	<b>4.23</b>	-1.53	0.83	<b>0.75</b>	-1.17	0.18	<b>2.64</b>	-1.64	1.29
<b>UDEHV9</b>	<b>5.20</b>	-0.05	0.20	<b>0.91</b>	-0.04	0.13	<b>3.17</b>	0.04	0.08
<b>UECTQB</b>	<b>4.67</b>	-0.86		<b>1.15</b>	1.62		<b>3.44</b>	0.89	
<b>UL86VZ</b>	<b>4.53</b>	-1.07	2.79	<b>0.93</b>	0.04	2.94	<b>3.05</b>	-0.34	2.38

### HCO<sub>3</sub> (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	5.24	0.92	3.16
<b>Median Abs Dev</b>	0.33	0.10	0.10
<b>Avg Within Lab SD</b>	0.30	0.11	0.12
<b>Labs Included</b>	10	10	10
<b>Labs Reporting</b>	10	10	10



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### CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

SRW1904				SRW1905				SRW1906			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>8NCFMP</b>								<b>0.05</b>	1.00		

### CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

	SRW1904		SRW1905		SRW1906	
<b>Grand Median</b>					0.050	
<b>Median Abs Dev</b>						
<b>Avg Within Lab SD</b>	0.00		0.00		0.000	
<b>Labs Included</b>	0		0		1	
<b>Labs Reporting</b>	0		0		1	



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### CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7NEMXD	1.08	5.57X	8.60	0.30	3.59X	4.10	0.52	3.45X	1.77
8NCFMP	0.52	0.74	0.00	0.16	0.77	0.00	0.33	0.90	0.00
98ZXXG	0.50	0.55	2.76	0.17	0.89	2.75	0.31	0.58	2.77
A2GFDZ	0.43	-0.06	0.22	0.11	-0.39	0.24	0.26	-0.05	0.00
A78MXT	0.51	0.61	0.57	0.14	0.35	0.48	0.33	0.85	0.36
C7XA8G	0.38	-0.50	0.06	0.13	0.00	0.01	0.24	-0.28	0.01
D3VDRR	0.50	0.53	0.36	0.16	0.68	0.68	0.34	1.01	2.01
HDDJVW	0.49	0.46	2.14	0.10	-0.60	1.92	0.27	0.15	
N7FGZT	0.44	0.00	0.07	0.09	-0.68	0.26	0.26	-0.02	0.06
NBQVXD	0.47	0.29	0.14	0.12	-0.08	0.14	0.28	0.24	0.15
QMXKND	0.40	-0.33	0.20	0.09	-0.73	0.10	0.22	-0.64	0.05
RA6HPH	0.95	4.43X	6.88	0.38	5.07X	10.82	0.71	5.99X	1.37
UECTQB	0.01	-3.73	0.01	0.00	-2.50	0.03	0.00	-3.51	0.00
UL86VZ	0.40	-0.30	0.21	0.18	1.02	0.85	0.26	0.00	0.30
Y4YVE4	0.36	-0.68	0.41	0.13	0.08	0.42	0.22	-0.54	0.13

### CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW1904	SRW1905	SRW1906
Grand Median	0.44	0.13	0.26
Median Abs Dev	0.06	0.03	0.04
Avg Within Lab SD	0.04	0.02	0.04
Labs Included	13	13	13
Labs Reporting	15	15	15



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

Data units: mmolc/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7NEMXD</b>	<b>0.675</b>	0.148	0.508	<b>0.092</b>	1.132	0.833	<b>0.029</b>	1.233	0.639
<b>8NCFMP</b>	<b>0.666</b>	0.102	0.121	<b>0.059</b>	-0.024	0.045	<b>0.008</b>	-0.568	0.000
<b>98ZXXG</b>	<b>0.731</b>	0.424	0.320	<b>0.074</b>	0.485	0.398	<b>0.020</b>	0.516	2.328
<b>A2GFDZ</b>	<b>0.723</b>	0.387	0.484	<b>0.070</b>	0.358	0.000	<b>0.010</b>	-0.355	0.000
<b>A78MXT</b>	<b>0.327</b>	-1.572	0.484	<b>0.033</b>	-0.954	0.450	<b>0.020</b>	0.496	0.000
<b>C7XA8G</b>	<b>0.673</b>	0.137	0.182	<b>0.061</b>	0.024	0.385	<b>0.015</b>	0.072	0.102
<b>D3VDRR</b>	<b>0.757</b>	0.553	2.849	<b>0.113</b>	1.907	2.573	<b>0.093</b>	6.735X	2.331
<b>HDDJVW</b>	<b>0.672</b>	0.135	1.871	<b>0.068</b>	0.301	0.212	<b>0.018</b>	0.301	1.571
<b>N7FGZT</b>	<b>0.603</b>	-0.209	0.024	<b>0.056</b>	-0.143	0.135	<b>0.009</b>	-0.440	0.000
<b>NBQVXD</b>	<b>0.163</b>	-2.380	0.336	<b>0.014</b>	-1.656	0.188	<b>0.004</b>	-0.852	0.100
<b>QMXKND</b>	<b>0.555</b>	-0.445	0.328	<b>0.046</b>	-0.489	0.209	<b>0.008</b>	-0.531	0.069
<b>RA6HPH</b>	<b>0.921</b>	1.365	0.315	<b>0.088</b>	1.013	0.315			
<b>UDEHV9</b>	<b>0.610</b>	-0.173	0.419	<b>0.077</b>	0.596	0.900	<b>0.033</b>	1.630	0.913
<b>UECTQB</b>	<b>0.138</b>	-2.503	0.421	<b>0.020</b>	-1.448	0.276	<b>0.008</b>	-0.534	0.000
<b>UL86VZ</b>	<b>0.613</b>	-0.158	1.625	<b>0.057</b>	-0.107	2.629	<b>0.036</b>	1.844	2.200
<b>Y4YVE4</b>	<b>0.624</b>	-0.102	0.436	<b>0.056</b>	-0.155	0.368	<b>0.013</b>	-0.072	0.091

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

Data units: mmolc/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.65	0.060	0.014
<b>Median Abs Dev</b>	0.06	0.014	0.006
<b>Avg Within Lab SD</b>	0.02	0.013	0.006
<b>Labs Included</b>	16	16	14
<b>Labs Reporting</b>	16	16	15



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### SO4 (SubTestCode 315) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8NCFMP</b>	<b>0.71</b>	-0.22	0.74	<b>0.13</b>	-1.70	0.14	<b>1.43</b>	-0.17	1.13
<b>A2GFDZ</b>	<b>0.65</b>	-1.04	0.49	<b>0.14</b>	0.32	0.33	<b>1.36</b>	-0.64	0.19
<b>A78MXT</b>	<b>0.69</b>	-0.42	1.22	<b>0.14</b>	-0.54	0.33	<b>1.40</b>	-0.34	1.03
<b>C7XA8G</b>	<b>0.77</b>	0.54	0.33	<b>0.15</b>	1.02	0.15	<b>1.56</b>	0.62	0.50
<b>HDDJW</b>	<b>0.70</b>	-0.29	0.58	<b>0.13</b>	-1.05	0.07	<b>1.42</b>	-0.21	0.69
<b>NBQVXD</b>	<b>0.12</b>	-8.12X	0.03	<b>0.02</b>	-15.20X	0.07	<b>0.24</b>	-7.61X	0.03
<b>QMXKND</b>	<b>0.74</b>	0.22	0.26	<b>0.14</b>	0.11	0.09	<b>1.49</b>	0.17	0.24
<b>RA6HPH</b>	<b>0.78</b>	0.70	2.04	<b>0.13</b>	-0.80	3.07	<b>1.71</b>	1.60	0.19
<b>UDEHV9</b>	<b>0.57</b>	-2.02	0.65	<b>0.14</b>	0.32	0.33	<b>1.15</b>	-1.93	1.40
<b>UECTQB</b>	<b>0.36</b>	-4.86X		<b>0.02</b>	-15.59X		<b>0.74</b>	-4.52X	
<b>UL86VZ</b>	<b>0.74</b>	0.26	0.99	<b>0.15</b>	0.78	0.28	<b>1.57</b>	0.68	1.90
<b>Y4YVE4</b>	<b>0.80</b>	1.04	1.28	<b>0.14</b>	-0.11	0.35	<b>1.52</b>	0.39	1.11

### SO4 (SubTestCode 315) in the Anions Property Groups Data units: mmolc/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.72	0.14	1.46
<b>Median Abs Dev</b>	0.04	0.01	0.08
<b>Avg Within Lab SD</b>	0.02	0.02	0.03
<b>Labs Included</b>	10	10	10
<b>Labs Reporting</b>	12	12	12



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW1904			SRW1905			SRW1906			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8NCFMP</b>	<b>7.19</b>	0.31	0.05	<b>1.24</b>	-0.48	0.02	<b>4.99</b>	0.13	0.28	
<b>A2GFDZ</b>	<b>6.97</b>	-0.05	0.13	<b>1.22</b>	-0.67	0.06	<b>4.73</b>	-0.85	0.05	
<b>A78MXT</b>	<b>6.79</b>	-0.33	0.16	<b>1.11</b>	-1.67	0.07	<b>4.82</b>	-0.51	0.88	
<b>C7XA8G</b>	<b>8.28</b>	2.09	0.29	<b>1.43</b>	1.25	0.29	<b>5.62</b>	2.51	0.56	
<b>HDDJW</b>	<b>7.75</b>	1.23	0.66	<b>1.35</b>	0.52	0.33	<b>5.08</b>	0.49	1.25	
<b>QMXKND</b>	<b>7.03</b>	0.05	0.11	<b>1.28</b>	-0.13	0.10	<b>4.86</b>	-0.36	0.11	
<b>RA6HPH</b>	<b>6.88</b>	-0.20	1.52	<b>1.35</b>	0.54	1.62	<b>5.06</b>	0.40	0.86	
<b>UL86VZ</b>	<b>6.29</b>	-1.14	2.26	<b>1.31</b>	0.13	2.27	<b>4.92</b>	-0.13	2.13	

Sum Anions (SubTestCode 316) in the Anions Property Groups				Data units: mmolc/L
	SRW1904	SRW1905	SRW1906	
<b>Grand Median</b>	7.00	1.29	4.95	
<b>Median Abs Dev</b>	0.20	0.06	0.12	
<b>Avg Within Lab SD</b>	0.38	0.16	0.12	
<b>Labs Included</b>	8	8	8	
<b>Labs Reporting</b>	8	8	8	



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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
	SRW1904			SRW1905			SRW1906			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8NCFMP</b>	<b>0.130</b>	0.000	0.058	<b>-0.018</b>	0.000	0.004	<b>-0.057</b>	0.000	0.495	
<b>HDDJWV</b>	<b>-0.498</b>	-0.816	0.918	<b>-0.450</b>	-1.989	0.507	<b>-0.090</b>	-0.076	1.525	
<b>QMXKND</b>	<b>0.743</b>	0.795	0.070	<b>0.139</b>	0.725	0.094	<b>0.599</b>	1.527	0.083	
<b>RA6HPH</b>	<b>1.387</b>	1.631	1.801	<b>0.040</b>	0.270	1.581	<b>0.603</b>	1.538	0.884	
<b>UL86VZ</b>	<b>0.030</b>	-0.130	0.951	<b>-0.103</b>	-0.389	1.495	<b>-0.157</b>	-0.232	1.282	
Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
	SRW1904			SRW1905			SRW1906			
<b>Grand Median</b>	0.13			-0.018			-0.057			
<b>Median Abs Dev</b>	0.61			0.084			0.100			
<b>Avg Within Lab SD</b>	0.37			0.226			0.131			
<b>Labs Included</b>	5			5			5			
<b>Labs Reporting</b>	5			5			5			





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

Data units: mg/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8NCFMP</b>	<b>0.017</b>	-0.154	0.784	<b>0.027</b>	0.331	0.213	<b>0.013</b>	-0.292	0.156
<b>98ZXXG</b>	<b>0.051</b>	1.421	2.441	<b>0.073</b>	2.622	2.807	<b>0.088</b>	2.709	2.033
<b>A2GFDZ</b>	<b>0.020</b>	0.000	0.136	<b>0.014</b>	-0.282	0.021	<b>0.012</b>	-0.332	0.068
<b>A78MXT</b>	<b>0.043</b>	1.075	0.784	<b>0.057</b>	1.822	0.213	<b>0.030</b>	0.380	0.000
<b>N7FGZT</b>	<b>0.019</b>	-0.031	0.207	<b>0.017</b>	-0.166	0.021	<b>0.057</b>	1.454	1.952
<b>QMXKND</b>	<b>0.016</b>	-0.190	0.146	<b>0.014</b>	-0.278	0.057	<b>0.013</b>	-0.326	0.047
<b>RA6HPH</b>	<b>0.023</b>	0.154	0.784	<b>0.020</b>	0.000	0.000	<b>0.023</b>	0.111	0.156
<b>UCTQB</b>	<b>0.082</b>	2.877		<b>0.029</b>	0.471		<b>0.021</b>	0.000	
<b>UL86VZ</b>	<b>50.968</b>	47.034X	67.181	<b>34.231</b>	99.515X	92.304	<b>92.005</b>	06.892X	82.509
<b>Y4YVE4</b>	<b>0.016</b>	-0.169	0.342	<b>0.018</b>	-0.099	0.161	<b>0.009</b>	-0.467	0.027

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

Data units: mg/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.020	0.020	0.021
<b>Median Abs Dev</b>	0.004	0.006	0.008
<b>Avg Within Lab SD</b>	0.007	0.027	0.037
<b>Labs Included</b>	9	9	9
<b>Labs Reporting</b>	10	10	10



## ALP Program - Participant Web Summary Report - Cycle 39 - Summer 2019

### PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups

Data units: mg/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>CEREZH</b>	<b>0.079</b>		1.048	<b>0.063</b>		1.069	<b>0.012</b>		0.000
<b>N7FGZT</b>	<b>0.086</b>		0.792	<b>0.061</b>		0.617	<b>0.012</b>		0.862
<b>QMXKND</b>	<b>0.090</b>		1.128	<b>0.063</b>		1.215	<b>0.014</b>		1.502
<b>UCTQB</b>	<b>1.040</b>			<b>0.970</b>			<b>0.940</b>		

### PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups

Data units: mg/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.088	0.063	0.013
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.001	0.001	0.001
<b>Labs Included</b>	4	4	4
<b>Labs Reporting</b>	4	4	4



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

Data units: mg/L

WebCode	SRW1904			SRW1905			SRW1906		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>7NEMXD</b>	<b>0.194</b>	0.446	0.376	<b>0.146</b>	1.790	0.424	<b>0.084</b>	1.246	0.107
<b>8NCFMP</b>	<b>0.076</b>	-0.185	0.100	<b>0.062</b>	-0.255	0.108	<b>0.014</b>	-0.543	0.013
<b>N7FGZT</b>	<b>0.082</b>	-0.150	0.200	<b>0.059</b>	-0.345	0.131			
<b>NBQVXD</b>	<b>0.094</b>	-0.087	0.890	<b>0.091</b>	0.434	1.902	<b>0.070</b>	0.885	1.990
<b>RA6HPH</b>	<b>0.127</b>	0.087	2.004	<b>0.083</b>	0.255	1.084	<b>0.035</b>	0.000	0.164
<b>UECTQB</b>	<b>0.689</b>	3.092		<b>0.033</b>	-0.967		<b>0.008</b>	-0.699	

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

Data units: mg/L

	SRW1904	SRW1905	SRW1906
<b>Grand Median</b>	0.11	0.073	0.035
<b>Median Abs Dev</b>	0.03	0.016	0.028
<b>Avg Within Lab SD</b>	0.01	0.019	0.043
<b>Labs Included</b>	6	6	5
<b>Labs Reporting</b>	6	6	5

