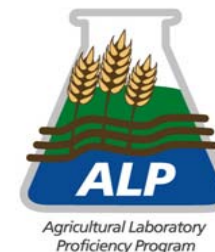


ALP Program

Participant Web Summary Report



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

ALP Program - Fall 2019 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2019 (Cycle 40) was completed in November 2019, with participation by 105 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: SRS1911 a Marvyn loamy sand collected from Auburn, AL; SRS1912 a Haverson clay loam collected from Hardin, MT; SRS1913 a Shellabarger fine sandy loam collected from Danville, KS; SRS1914 a loam collected from near St Lambert de Lauzon, Quebec CANADA; and SRS1915 a Canisteo clay silt loam collected from Badger, IA. Standard Reference Botanical (SRB) materials were: SRB1909 almond leaf composite from CA; SRB1910 corn silage composite from WI; SRB1911 parsley leaf composite from OR and SRB1912 spinach leaf composite from CA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1907 a canal in ID, SRW1908 a canal in OR, and SRW1909 a creek in CO.

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

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



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	20.8	-0.2	0.1	61.9	-0.3	0.3	25.5	-0.4	0.1	30.9	-0.8	0.6	47.0	-0.2	0.1	
34HUBZ	21.5	0.0	0.7	55.0	-0.9	0.1	27.0	-0.1	0.1	32.5	-0.5	0.3	44.7	-0.4	0.1	
3NN6JA	26.3	1.7	0.5	69.0	0.3	0.7	31.0	0.7	0.6	37.0	0.1	1.2	49.3	0.1	0.8	
4ZXRY8	23.8	0.8		59.0	-0.5		32.9	1.0		50.6	2.0		35.9	-1.4		
7GTEK4	20.7	-0.3	0.3	65.2	0.0	0.5	24.9	-0.5	0.3	33.1	-0.5	1.1	48.1	-0.1	0.9	
8HLPXH	24.1	0.9	0.4	85.4	1.8	1.4	32.1	0.9	0.3	43.1	1.0	1.7	65.3	1.9	1.3	
CAVVLU	21.3	-0.1	0.5	58.7	-0.6	0.2	26.3	-0.2	0.4	32.0	-0.6	1.2	47.7	-0.1	0.8	
CGE2KM	21.5	0.0	0.7	59.1	-0.5	0.5	24.6	-0.6	0.0	30.7	-0.8	0.5	46.2	-0.3	0.0	
DFCQ2P	18.9	-0.9	0.4	54.9	-0.9	0.7	22.9	-0.9	0.5	28.9	-1.1	0.8	43.9	-0.5	0.7	
E6BP2Q	18.7	-1.0	2.8	56.3	-0.8	1.8	22.6	-1.0	0.9	30.5	-0.8	1.5	44.3	-0.5	0.5	
EGNC7B	21.3	-0.1	0.5	58.3	-0.6	0.7	26.3	-0.2	1.0	33.0	-0.5		43.7	-0.6	0.4	
HWM2XB	21.2	-0.1	0.6	79.5	1.2	0.2	27.2	-0.1	0.1	40.2	0.6	0.5	56.6	0.9	0.2	
HWM2XX	21.2	-0.1	0.6	79.5	1.2	0.2	27.2	-0.1	0.1	40.3	0.6	0.4	56.6	0.9	0.2	
KXBBLW	25.0	1.3		63.3	-0.2	0.4	30.0	0.5	1.1	35.7	-0.1	0.7	47.3	-0.2	0.4	
LF747U	17.7	-1.3	0.3	69.0	0.3	0.5	24.8	-0.6	0.3	33.8	-0.4	0.3	54.8	0.7	1.3	
MC7E3T	24.3	1.0		84.3	1.7		33.4	1.1		41.0	0.7		59.7	1.2		
MGGB6G	22.3	0.3	0.5	62.0	-0.3		28.0	0.1	0.6	33.0	-0.5		44.7	-0.5	0.8	
NP96FK	22.9	0.5	0.1	69.6	0.4	0.5	33.3	1.1	0.1	40.0	0.5	0.9	59.3	1.2	0.4	
PQXTD7	18.9	-0.9	0.4	62.3	-0.2	0.3	23.8	-0.7	0.7	31.3	-0.7	0.3	43.1	-0.6	0.3	
QG48KD	35.0	4.9X	2.3	77.9	1.1	3.3	37.3	1.9	3.5	44.4	1.1	2.1	53.4	0.5	3.5	
QPZ3KW	25.3	1.4	0.5	65.0	0.0	0.4	33.3	1.1	0.4	40.3	0.6	0.7	50.7	0.2	0.4	
ULCXUJ	26.6	1.8	2.8	74.5	0.8	0.9	35.8	1.6	2.0	42.2	0.8	1.3	57.4	1.0	1.5	
WNR7VG	22.1	0.2	0.6	75.2	0.9	0.9	28.6	0.2	0.6	41.3	0.7	0.1	55.7	0.8	0.3	
XM9CEJ	22.9	0.5	0.3	73.3	0.7	0.0	29.8	0.4	0.3	39.1	0.4	0.9	60.9	1.4	0.2	



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	21.5	65.1	27.6	36.3	48.7	
Median Abs Dev	1.4	6.6	2.9	4.2	4.9	
Avg Within Lab SD	1.1	2.8	1.6	0.8	1.5	
Labs Included	23	24	24	24	24	
Labs Reporting	24	24	24	24	24	



ALP Program - Participant Web Summary Report - Cycle 40 - Fall 2019

pH - sp (SubTestCode 102) in the Salinity Property Groups													Data units: Unit		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	5.27	0.26	1.01	7.90	-0.34	0.00	4.40	0.08	0.00	5.20	-0.04	0.00	7.10	-0.60	0.00
34HUBZ	5.10	-1.20	0.00	8.17	1.34	1.00	4.23	-0.94	1.39	5.03	-1.06	2.01	7.30	0.69	0.00
3NN6JA	5.25	0.15	0.90	7.95	-0.02	1.35	4.36	-0.16	1.68	5.08	-0.78	1.04	7.11	-0.56	1.51
4ZXRY8	5.29	0.42		7.44	-3.26X		4.51	0.73		6.96	10.70X		5.28	-12.35X	
7GTEK4	5.22	-0.18	2.03	7.89	-0.42	0.43	4.35	-0.23	0.42	5.14	-0.39	1.00	7.09	-0.69	1.29
8HLPXH	5.29	0.50	0.36	7.98	0.17	1.37	4.44	0.33	0.24	5.23	0.12	0.72	7.22	0.17	0.53
C9KVQL	5.31	0.61	0.27	7.97	0.08	0.95	4.44	0.33	2.08	5.31	0.65	0.53	7.21	0.09	1.36
CAVVLU	5.09	-1.32	0.61	7.90	-0.34	0.35	4.12	-1.66	1.00	5.00	-1.29	0.53	7.14	-0.32	0.31
DFCQ2P	5.28	0.38	0.17	7.79	-1.01	0.26	4.46	0.43	0.14	5.23	0.14	0.35	7.18	-0.09	0.40
E6BP2Q	5.19	-0.44	2.09	8.04	0.55	1.55	4.42	0.20	1.34	5.26	0.33	1.51	7.27	0.47	1.33
HWM2XX	5.26	0.23	0.36	8.00	0.31	0.26	4.39	0.00	0.50	5.31	0.63	0.60	7.22	0.17	0.20
KXBBLW	5.07	-1.43	0.83	7.96	0.02	0.89	4.29	-0.61	0.14	5.20	-0.06	0.72	7.13	-0.41	0.87
LF747U	5.33	0.79	0.10	7.85	-0.67	0.10	4.43	0.25	1.47	5.19	-0.08	2.09	7.22	0.19	0.31
MC7E3T	5.33	0.82		7.70	-1.59		4.54	0.94		5.35	0.88		7.13	-0.41	
MGGB6G	5.11	-1.08	0.90	7.69	-1.64	2.36	4.24	-0.90	1.10	5.05	-0.98	0.40	6.88	-2.04	1.97
NP96FK	4.90	-2.96X	0.00	7.90	-0.34	0.00	4.00	-2.37		4.90	-1.88	0.00	7.00	-1.24	
PQXTD7	5.19	-0.44	0.56	8.19	1.47	1.00	4.34	-0.31	0.50	5.22	0.10	0.72	7.32	0.82	0.35
QG48KD	5.20	-0.29	0.83	8.19	1.47	0.53	4.36	-0.16	0.83	5.21	0.04	1.12	7.33	0.90	0.64
QPZ3KW	5.03	-1.84	2.19	7.78	-1.11	1.30	4.03	-2.21	0.91	4.87	-2.04	0.87	6.84	-2.25	1.67
TTW7PN	5.16	-0.66	0.29	8.16	1.33	0.84	4.42	0.22	0.35	5.26	0.35	0.46	7.34	0.93	1.20
ULCXUJ	5.36	1.11	0.53	7.96	0.06	0.85	4.54	0.92	0.50	5.33	0.76	0.35	7.31	0.75	0.40
UQKQVM	5.60	3.19X		8.00	0.29		4.30	-0.53		5.00	-1.27		7.10	-0.60	
XM9CEJ	5.24	0.00	0.56	7.91	-0.27	0.91	4.55	1.00	1.05	5.37	0.98	1.45	7.26	0.45	1.10



ALP Program - Participant Web Summary Report - Cycle 40 - Fall 2019

pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	5.24	7.95	4.39	5.21	7.19	
Median Abs Dev	0.06	0.06	0.07	0.10	0.09	
Avg Within Lab SD	0.06	0.06	0.04	0.03	0.05	
Labs Included	21	22	23	22	22	
Labs Reporting	23	23	23	23	23	



ALP Program - Participant Web Summary Report - Cycle 40 - Fall 2019

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	1.8	1.2	0.9	22.0	2.4	0.2	2.2	1.0	0.5	1.5	1.7	1.0	3.0	1.0	0.1		
34HUBZ	2.6	6.1X	0.6	22.5	2.5	0.1	2.7	3.0X	0.7	1.8	3.9X	0.4	5.0	9.7X	1.0		
3NN6JA	1.4	-1.4	0.4	13.3	-0.3	0.3	1.7	-0.8	0.3	1.2	-0.4	0.4	2.8	0.3	0.5		
4ZXRY8	1.5	-0.8		8.6	-1.8		1.7	-0.6		2.8	10.4X		1.5	-5.2X			
7GTEK4	1.6	0.1	1.5	18.6	1.3	3.5	2.0	0.5	0.2	1.3	0.5	2.5	2.6	-0.5	3.6		
8HLPXH	1.7	0.6	1.1	15.2	0.3	2.0	2.0	0.2	0.7	1.3	0.4	0.4	2.7	-0.3	0.6		
C9KVQL	1.5	-0.7	1.1	11.8	-0.8	0.9	1.8	-0.5	1.2	1.1	-0.7	1.0	2.5	-0.9	1.8		
CAVVLU	1.6	0.3	0.2	15.4	0.3	0.4	2.0	0.3	0.5	1.3	0.7	0.7	2.6	-0.8	0.4		
CGE2KM	1.6	0.0	0.9	15.0	0.2	0.2	2.0	0.4	0.4	1.4	0.9	0.5	2.8	0.3	0.1		
DFCQ2P	1.5	-0.5	0.8	12.2	-0.7	0.9	1.8	-0.4	0.3	1.2	-0.6	1.1	2.5	-0.9	0.4		
E6BP2Q	1.6	0.1	2.0	12.9	-0.5	0.2	1.9	0.0	1.3	1.2	-0.4	1.1	2.8	0.1	0.7		
EGNC74	1.5	-0.5		15.0	0.2		1.9	0.0	1.4	1.4	0.8	1.4	2.8	0.2	0.5		
EGNC7B	1.6	0.3	1.4	13.7	-0.2	1.6	1.9	-0.1	2.1	1.2	-0.1	1.4	2.5	-1.1	0.5		
HWM2XX	1.8	1.1	0.7	14.3	0.0	0.3	2.3	1.4	0.2	1.4	0.7	1.2	3.2	1.9	0.9		
KLZB6Q	1.4	-0.9	0.7	13.9	-0.1	0.1	1.6	-1.2	0.1	1.1	-0.7	0.8	2.6	-0.6	0.3		
KXBBLW	1.4	-1.3	0.2	14.4	0.0	0.2	1.7	-0.8	1.1	1.2	-0.3	0.4	2.8	0.5	0.3		
LF747U	1.6	0.1	0.8	20.0	1.8	0.1	2.0	0.3	0.3	1.3	0.6	1.1	2.6	-0.5	0.2		
MC7E3T	1.5	-0.4		15.4	0.3		1.9	-0.2		1.3	0.4		2.9	0.8			
MGGB6G	1.6	0.0	0.2	13.9	-0.1	0.7	1.9	0.0	0.8	1.4	1.0	0.4	3.0	1.3	0.2		
NP96FK	1.3	-1.7	0.3	8.0	-2.0	0.1	1.4	-2.1	1.5	1.1	-1.2	1.1	2.0	-3.2X	0.8		
PQXTD7	1.8	1.2	1.7	14.7	0.1	0.4	2.0	0.4	0.6	1.4	1.0	0.2	2.9	0.6	0.2		
QG48KD	1.0	-3.4X	1.0	13.0	-0.4	1.3	1.5	-1.7	2.5	1.0	-1.4	1.4	2.6	-0.4	1.7		
QPZ3KW	1.4	-1.2	0.9	14.2	0.0	0.1	1.6	-1.2	0.5	1.1	-0.8	0.3	2.7	0.0	0.3		
TTW7PN	1.5	-0.7	0.3	9.9	-1.4	0.2	1.6	-1.1	0.2	1.2	-0.2	0.3	2.7	-0.2	0.3		
ULCXUJ	1.4	-1.0	1.5	14.2	-0.1	0.1	1.7	-0.8	0.6	1.1	-0.7	0.7	2.5	-0.8	0.7		
UQKQVM	1.7	0.7		16.6	0.7		2.3	1.5		1.2	-0.3		2.9	0.8			



ALP Program - Participant Web Summary Report - Cycle 40 - Fall 2019

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
WNR7VG	1.6	0.3	0.4	15.0	0.2	0.3	2.0	0.4	1.2	1.3	0.1	0.5	3.0	1.1	0.4		
XM9CEJ	1.6	0.1	0.4	14.4	0.0	0.3	2.0	0.5	0.5	1.4	1.1	1.0	2.5	-1.0	0.2		
ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
Grand Median	1.58			14.4			1.90			1.25			2.73				
Median Abs Dev	0.10			1.0			0.13			0.10			0.14				
Avg Within Lab SD	0.08			0.9			0.07			0.04			0.12				
Labs Included	26			28			27			26			25				
Labs Reporting	28			28			28			28			28				



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HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.14	-0.42	0.52	1.75	-1.17	0.06	0.04	-0.76	0.09	0.17	-0.63	0.50	0.81	-1.81	0.07
CAVVLU	0.20	-0.23	0.00	8.13	1.76	0.55	0.47	0.57	1.89	0.47	0.48	2.28	4.53	1.34	0.39
CGE2KM	0.24	-0.12	0.51	5.33	0.47	0.04	0.14	-0.45	0.70	0.20	-0.50	0.13	3.21	0.22	0.34
DFCQ2P	0.87	1.87	1.51	7.12	1.29	2.57	0.73	1.39	0.94	0.72	1.40	0.57	3.64	0.58	0.63
E6BP2Q	0.80	1.67	2.20	3.47	-0.38	0.60	0.84	1.73	0.65	0.77	1.59	0.91	2.86	-0.08	0.62
MC7E3T				4.64	0.16								3.74	0.67	
MGGB6G	0.52	0.77	0.00	4.24	-0.03	1.04	0.26	-0.08	1.40	0.37	0.13	0.98	3.01	0.05	2.70
NP96FK	0.31	0.12	0.00	4.27	-0.01	0.79	0.31	0.08	0.09	0.30	-0.13	0.11	2.85	-0.09	0.60
QG48KD	0.21	-0.21	0.60	1.14	-1.45	0.16	0.17	-0.34	0.81	0.19	-0.54	0.64	0.75	-1.86	0.18
ULCXUJ				4.33	0.01	0.02							2.89	-0.05	0.54

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups						Data units: mmolc/L	
	SRS1911		SRS1912		SRS1913	SRS1914	SRS1915
Grand Median	0.27		4.30		0.28	0.34	2.95
Median Abs Dev	0.10		0.93		0.17	0.14	0.48
Avg Within Lab SD	0.02		0.55		0.06	0.05	0.29
Labs Included	8		10		8	8	10
Labs Reporting	8		10		8	8	10



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K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	1.37	0.12	0.83	1.72	0.08	0.13	0.62	-0.12	0.46	0.19	0.51	0.00	0.26	0.39	0.00
34HUBZ	1.23	-0.53	0.14	2.27	1.89	0.78	0.61	-0.29	0.17	0.20	1.19	1.71	0.29	1.13	0.28
3NN6JA	1.17	-0.84	1.36	1.47	-0.75	0.64	0.60	-0.41	0.00	0.20	1.02	0.00	0.20	-1.29	0.00
4ZXRY8	1.08	-1.25		1.95	0.84		0.57	-0.93		0.31	6.65X		0.30	1.50	
8HLPXH	1.41	0.31	1.91	1.70	0.02	2.92	0.62	-0.06	0.80	0.18	-0.17	0.65			
C9KVQL	1.20	-0.67	1.11	1.45	-0.80	2.10	0.55	-1.34	0.97	0.17	-0.51	1.12	0.22	-0.73	2.20
CGE2KM	1.40	0.27	0.61	1.71	0.06	0.21	0.65	0.49	0.32	0.20	0.87	0.18	0.25	-0.01	0.17
HWM2XB	1.51	0.76	0.00	1.76	0.22	0.22	0.66	0.58	0.35	0.18	0.00	1.12	0.25	0.01	0.56
HWM2XX	1.35	0.00	0.49	1.49	-0.68	0.23	0.64	0.29	0.30	0.17	-0.34	0.65	0.24	-0.27	0.56
KXBBLW	1.13	-1.03	1.73	1.55	-0.49	0.14	0.56	-1.10	0.52	0.18	-0.23	0.39	0.24	-0.30	0.16
LF747U	1.50	0.70	0.36	1.69	0.00	0.17	0.63	0.12	1.31	0.18	0.00	1.12	0.24	-0.08	0.28
MC7E3T	1.52	0.81		1.89	0.65		0.65	0.47		0.22	2.05		0.31	1.78	
MGGB6G	1.39	0.19	0.42	1.57	-0.40	0.22	0.64	0.34	0.31	0.19	0.43	0.43	0.25	0.08	0.26
NP96FK	1.18	-0.76	1.38	1.37	-1.05	1.06	0.50	-2.10	2.53	0.15	-1.36	0.65	0.21	-1.11	0.28
QG48KD	1.00	-1.61	1.57	1.48	-0.70	0.55	0.55	-1.23	1.42	0.21	1.53	1.94	0.24	-0.08	0.73
TTW7PN	1.02	-1.52	0.39	1.24	-1.50	0.88	0.40	-3.92X	0.37	0.17	-0.73	0.76	0.18	-1.82	0.29
ULCXUJ	1.42	0.33	0.61	2.38	2.26	0.07	0.71	1.52	0.70	0.28	5.20X	0.69	0.29	1.15	2.96
WNR7VG	1.44	0.45	0.83	1.80	0.35	0.29	0.66	0.70	0.76	0.18	-0.17	0.65	0.25	0.01	0.28
XM9CEJ	1.21	-0.64	0.24	1.67	-0.08	0.69	0.63	0.06	1.52	0.17	-0.34	1.71	0.26	0.39	0.83

K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	1.35			1.69			0.62			0.18			0.25		
Median Abs Dev	0.14			0.20			0.03			0.01			0.01		
Avg Within Lab SD	0.04			0.09			0.03			0.01			0.02		
Labs Included	19			19			18			17			18		
Labs Reporting	19			19			19			19			18		



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Ca - sp (SubTestCode 106) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	7.5	1.2	0.4	21.9	0.0	0.4	11.2	0.9	0.8	7.7	1.6	0.8	25.7	0.8	0.1	
34HUBZ	7.5	1.2	0.1	23.0	0.2	0.3	11.2	0.9	0.2	7.8	1.7	0.0	29.3	2.0	0.3	
3NN6JA	5.1	-1.1	0.2	20.5	-0.3	0.2	8.3	-0.9	0.3	5.8	-0.8	0.5	22.5	-0.2	0.6	
4ZXRY8	5.6	-0.6		26.1	1.0		8.6	-0.7		24.2	21.4X		7.4	-4.9X		
7GTEK4	7.0	0.7	0.7	18.0	-0.9	1.1	11.0	0.8	1.0	7.4	1.2	3.0	22.5	-0.2	2.8	
8HLPXH	6.8	0.5	0.9	26.5	1.1	3.2	9.8	0.0	0.6	6.5	0.1	0.9	22.2	-0.2	0.3	
9VNH3Y	7.3	0.9		24.1	0.5		9.5	-0.2		6.4	0.0		26.3	1.0		
C9KVQL	6.0	-0.2	0.3	19.5	-0.6	0.6	9.2	-0.3	1.0	5.9	-0.7	0.1	20.9	-0.7	1.6	
CAVVLU	6.3	0.0	0.5	23.1	0.3	1.5	9.8	0.0	0.8	6.4	0.0	0.9	20.0	-1.0	0.6	
CGE2KM	6.9	0.6	0.7	23.8	0.5	0.2	11.2	0.9	0.6	7.8	1.7	0.6	25.1	0.6	0.8	
DFCQ2P	6.2	0.0	0.7	17.4	-1.1	0.5	9.4	-0.2	0.5	6.3	-0.2	0.8	21.4	-0.5	0.9	
E6BP2Q	6.4	0.2	2.8	23.1	0.3	2.1	10.0	0.2	0.6	6.3	-0.1	0.7	21.7	-0.4	0.9	
HJJ33U	56.0	46.6X	0.6	427.4	97.8X	3.5	86.3	46.4X	1.0	85.8	95.6X	1.1	345.0	100.3X	11.9	
HWM2XB	6.1	-0.1	0.3	21.7	-0.1	0.2	10.6	0.5	0.8	5.9	-0.6	1.1	24.2	0.4	0.4	
HWM2XX	6.6	0.3	0.3	21.1	-0.2	0.0	11.1	0.8	0.6	6.3	-0.1	0.8	25.3	0.7	0.8	
KXBBLW	6.0	-0.2	0.1	23.8	0.4	0.4	9.3	-0.3	1.1	6.6	0.2	0.5	25.0	0.6	0.2	
LF747U	7.8	1.5	0.4	19.7	-0.5	0.2	11.1	0.8	1.2	7.5	1.3	1.5	23.5	0.2	0.5	
MC7E3T	6.0	-0.2		34.4	3.0X		9.1	-0.4		6.6	0.3		24.7	0.5		
MGGB6G	6.9	0.6	0.4	26.4	1.1	1.0	11.0	0.8	1.9	7.4	1.1	0.2	24.3	0.4	0.1	
NP96FK	5.5	-0.7	0.1	16.6	-1.3	0.4	7.5	-1.4	1.6	5.5	-1.2	0.6	19.4	-1.1	1.0	
QG48KD	3.9	-2.2	0.6	19.9	-0.5	0.4	7.2	-1.6	1.8	5.2	-1.5	0.9	21.6	-0.4	1.9	
TTW7PN	5.9	-0.4	0.3	14.8	-1.7	0.1	6.3	-2.1	0.1	6.1	-0.3	0.8	18.6	-1.4	0.5	
ULCXUJ	4.4	-1.8	3.0	12.7	-2.2	0.4	4.8	-3.0X	0.2	3.2	-3.8X	0.2	11.7	-3.5X	0.5	
WNR7VG	6.9	0.6	0.4	23.3	0.3	0.1	10.5	0.4	1.3	6.5	0.1	0.6	24.1	0.3	0.4	
XM9CEJ	5.9	-0.3	0.2	23.3	0.3	0.4	8.8	-0.6	0.5	6.3	-0.1	0.3	19.1	-1.2	0.4	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	6.25	21.9	9.76	6.42	23.0	
Median Abs Dev	0.61	2.0	1.16	0.40	1.8	
Avg Within Lab SD	0.64	1.4	0.47	0.29	1.0	
Labs Included	24	23	23	22	22	
Labs Reporting	25	25	25	25	25	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	4.1	0.8	0.5	122.7	0.8	0.1	5.7	0.4	0.8	4.6	0.7	0.7	4.7	0.8	0.3	
34HUBZ	4.0	0.5	0.2	112.3	0.4	0.3	5.9	0.6	0.1	4.7	1.0	0.2	5.2	1.6	0.0	
3NN6JA	2.7	-2.0	0.2	87.2	-0.5	0.4	4.2	-1.5	0.3	3.5	-1.2	0.4	4.1	-0.1	1.1	
4ZXRY8	3.3	-0.8		101.8	0.0		4.9	-0.7		4.8	1.1		4.8	1.0		
7GTEK4	4.0	0.5	0.2	53.4	-1.8	0.8	5.9	0.7	0.9	4.5	0.5	1.4	4.1	-0.1	2.6	
8HLPXH	3.9	0.4	1.0	117.0	0.6	2.2	5.4	0.0	0.9	4.2	0.1	1.0	4.1	0.0	0.6	
9VNH3Y	3.9	0.4		101.4	0.0		5.8	0.5		4.0	-0.2		4.9	1.1		
C9KVQL	3.2	-1.0	0.3	81.8	-0.7	0.4	4.7	-0.9	0.8	3.5	-1.0	0.5	3.6	-0.7	1.4	
CAVVLU	3.7	0.0	0.2	96.1	-0.2	0.1	5.5	0.1	0.4	4.2	0.0	1.9	4.0	-0.1	0.3	
CGE2KM	3.7	0.0	0.4	116.9	0.6	0.1	5.7	0.3	0.0	4.7	0.9	0.5	4.3	0.2	0.2	
DFCQ2P	3.3	-0.8	0.7	58.7	-1.6	0.2	4.6	-0.9	0.4	3.7	-0.8	0.8	3.7	-0.6	0.7	
E6BP2Q	3.2	-1.0	2.0	79.8	-0.8	0.6	5.5	0.2	0.7	4.0	-0.3	0.9	4.1	-0.1	1.4	
HJJ33U	18.8	28.5X	0.4	15.1	-3.2X	0.0	13.5	10.1X	1.1	21.4	29.4X	5.9	21.0	24.3X	9.6	
HWM2XB	3.8	0.2	0.7	101.5	0.0	0.1	5.6	0.3	0.7	4.1	-0.1	1.0	4.6	0.6	1.2	
HWM2XX	3.6	-0.3	0.3	95.9	-0.2	0.2	5.6	0.3	0.4	3.9	-0.5	0.8	4.4	0.4	0.9	
KXBBLW	3.3	-0.8	0.2	111.0	0.3	0.1	4.9	-0.6	1.2	4.1	0.0	0.4	4.5	0.5	0.5	
LF747U	3.9	0.3	0.3	107.3	0.2	0.3	5.1	-0.4	0.4	4.1	-0.1	1.0	3.9	-0.3	0.6	
MC7E3T	3.5	-0.4		126.0	0.9		4.9	-0.7		4.4	0.3		4.6	0.7		
MGGB6G	3.7	0.0	0.1	102.1	0.0	0.2	5.1	-0.3	0.1	4.5	0.5	0.7	4.4	0.4	1.3	
NP96FK	2.8	-1.7	0.1	73.1	-1.1	0.4	3.7	-2.1	1.9	3.3	-1.4	0.8	3.3	-1.3	0.7	
QG48KD	3.7	0.1	1.1	157.2	2.1	3.6	6.8	1.7	2.7	5.8	2.7	2.1	6.5	3.4X	3.0	
TTW7PN	2.9	-1.4	0.0	94.1	-0.3	0.7	4.4	-1.2	0.7	3.5	-1.1	0.8	3.7	-0.6	0.9	
ULCXUJ	2.9	-1.5	3.6	60.6	-1.5	0.4	3.0	-3.0X	0.1	2.4	-3.0X	0.1	2.5	-2.4	0.1	
WNR7VG	4.3	1.1	0.3	128.4	1.0	0.2	6.2	1.0	1.0	4.6	0.7	0.5	5.1	1.4	1.1	
XM9CEJ	3.8	0.1	0.4	115.8	0.5	0.6	5.3	-0.1	1.1	4.1	-0.1	1.2	3.8	-0.5	0.4	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	3.71	101.7	5.40	4.15	4.14	
Median Abs Dev	0.28	14.9	0.50	0.32	0.40	
Avg Within Lab SD	0.36	9.3	0.29	0.16	0.18	
Labs Included	24	24	23	23	23	
Labs Reporting	25	25	25	25	25	



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Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	0.9	0.0	0.5	115.0	0.8	0.2	1.0	-0.4	0.4	0.7	0.0	0.6	0.2	0.0	0.2	
34HUBZ	0.8	-0.8	0.5	128.0	1.5	0.3	1.0	-0.5	0.4	0.7	0.0	0.1	0.1	-1.6	0.2	
3NN6JA	0.9	0.1	1.4	87.4	-0.6	0.8	1.0	-0.6	0.3	0.7	0.6	1.9	0.4	2.7	1.5	
4ZXRY8	0.5	-3.7X		59.2	-2.1X		0.6	-3.6X		0.3	-4.2X		0.7	7.1X		
7GTEK4	1.0	0.9	1.9	81.8	-0.9	0.6	1.3	1.4	1.1	0.7	0.7	0.7	0.3	1.1	2.6	
8HLPXH	0.9	0.2	1.8	112.1	0.7	3.4	1.1	0.3	0.4	0.7	0.0	0.6				
9VNH3Y	0.9	0.0		93.1	-0.3		1.3	1.6		0.6	-1.1		0.1	-0.5		
C9KVQL	0.8	-0.8	0.5	84.2	-0.8	0.7	1.0	-0.3	0.4	0.6	-0.6	1.0	0.2	0.5	1.4	
CAVVLU	0.8	-1.3	0.9	111.3	0.6	0.4	1.0	-0.9	0.7	0.6	-0.6	1.3	0.1	-0.6	1.7	
CGE2KM	1.0	0.5	1.5	116.6	0.9	0.6	1.1	0.4	0.5	0.8	0.9	0.0	0.2	0.0	0.4	
DFCQ2P	0.8	-0.8	0.7	70.0	-1.5	0.5	0.9	-1.1	0.3	0.6	-0.9	0.9	0.2	-0.1	0.0	
E6BP2Q	0.9	0.3	1.1	89.8	-0.5	0.5	1.4	1.9	2.5	0.7	0.7	2.5	0.2	0.1	0.8	
HJJ33U	164.9	1557.5X	39.8	308.7	11.0X	0.2	130.2	960.7X	56.1	15.2	170.4X	24.9	6.2	87.4X	3.0	
HWM2XB	0.9	-0.3	0.3	105.2	0.3	0.2	1.1	0.2	0.2	0.7	-0.2	0.7	0.2	-0.2	0.5	
HWM2XX	0.8	-0.9	0.4	94.4	-0.3	0.2	1.0	-0.4	0.1	0.6	-0.9	0.3	0.2	-0.3	0.5	
KXBBLW	0.8	-1.3	0.2	99.4	0.0	0.2	0.9	-1.2	0.6	0.6	-0.5	0.3	0.2	0.1	0.1	
LF747U	1.0	0.6	1.0	98.5	0.0	0.4	1.1	0.0	0.7	0.7	0.5	0.8				
MC7E3T	0.9	0.2		126.0	1.4		1.1	-0.1		0.8	1.2					
MGGB6G	0.9	0.1	0.5	99.9	0.0	0.2	1.2	0.6	0.3	0.7	0.2	0.8	0.2	-0.1	0.5	
NP96FK	0.8	-0.8	0.5	89.7	-0.5	0.8	1.1	0.1	2.7	0.9	2.3	1.4	0.6	6.0X	0.3	
QG48KD	0.6	-2.6	1.8	93.1	-0.3	2.2	0.9	-1.2	1.3	0.6	-0.6	1.3	0.2	0.4	0.0	
TTW7PN	0.7	-1.6	0.6	73.0	-1.4	0.2	1.3	1.4	1.1	0.7	-0.4	0.4	0.1	-0.8	0.1	
ULCXUJ	1.0	0.7	1.1	109.4	0.5	0.9	1.2	0.7	0.1	0.9	2.2	0.5	0.3	2.1	0.8	
WNR7VG	0.9	0.0	0.4	116.7	0.9	0.1	1.1	0.0	0.7	0.7	-0.1	0.4	0.2	1.0		
XM9CEJ	0.8	-0.9	0.4	110.9	0.6	0.9	1.1	-0.1	0.6	0.7	-0.2	0.5				



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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	0.91	99.4	1.09	0.69	0.17	
Median Abs Dev	0.07	11.9	0.06	0.05	0.03	
Avg Within Lab SD	0.06	6.4	0.09	0.05	0.03	
Labs Included	23	23	23	23	18	
Labs Reporting	25	25	25	25	21	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	0.4	0.0	0.0	13.5	0.3	0.2	0.4	-0.1	0.0	0.3	0.0	0.0	0.0	-0.2	0.2		
3NN6JA	0.5	1.8	1.3	11.9	-1.2	0.8	0.4	0.1	0.3	0.3	1.7	2.1	0.1	1.8	2.4		
4ZXRY8	0.3	-4.1X		7.4	-5.5X		0.2	-3.8X		0.1	-8.4X		0.3	8.2X			
8HLPXH	0.4	0.0	1.3	13.2	0.0	2.7	0.4	0.1	0.6	0.3	-0.1	0.8					
9VNH3Y	0.4	-0.5		11.8	-1.4		0.5	1.5		0.3	-1.6		0.1	1.8			
CAVVLU	0.4	-0.9	2.2	14.4	1.1	0.4	0.4	-0.8	1.7	0.3	0.0	0.0	0.1	1.8			
CGE2KM	0.4	0.4	1.2	13.9	0.7	0.7	0.4	-0.2	0.4	0.3	0.2	0.0	0.0	-0.2	0.5		
E6BP2Q	0.4	0.9	1.2	12.5	-0.6	0.2	0.5	1.8	2.2	0.3	1.1	2.3	0.1	0.0	1.0		
HWM2XB	0.4	-0.1	0.2	13.4	0.2	0.3	0.4	-0.3	0.0	0.3	0.0	0.4	0.0	-0.3	0.4		
HWM2XX	0.4	-1.1	0.4	12.4	-0.8	0.2	0.4	-1.0	0.0	0.3	-1.2	0.0					
KXBBLW	0.4	-1.2	0.2	12.1	-1.0	0.2	0.4	-1.2	0.3	0.3	-0.8	0.0	0.1	0.0	0.0		
LF747U	0.4	0.1	0.9	12.4	-0.8	0.8	0.4	-0.5	0.5	0.3	0.1	0.6					
MC7E3T	0.4	0.6		14.1	0.9		0.4	0.1		0.3	1.6						
MGGB6G	0.4	0.0	0.7	12.5	-0.7	0.1	0.4	0.2	0.1	0.3	-0.5	0.8	0.0	-0.2	0.6		
NP96FK	0.4	0.2	0.6	13.4	0.2	0.8	0.5	1.4	2.2	0.4	4.8X	1.2	0.2	4.7X	0.8		
QG48KD	0.3	-2.1	1.1	9.9	-3.2X	0.9	0.3	-1.4	0.6	0.3	-1.0	1.2	0.1	0.2	0.8		
XM9CEJ	0.4	-0.7	0.4	13.4	0.2	1.8	0.4	0.1	0.5	0.3	-0.3	0.3					

SAR - sp (SubTestCode 109) in the Salinity Property Groups						Data units: value				
	SRS1911		SRS1912		SRS1913		SRS1914		SRS1915	
Grand Median	0.40		13.2		0.40		0.30		0.051	
Median Abs Dev	0.02		0.7		0.02		0.01		0.007	
Avg Within Lab SD	0.03		0.5		0.03		0.02		0.007	
Labs Included	16		15		16		15		10	
Labs Reporting	17		17		17		17		12	



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CI - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	0.81	0.67	0.65	8.73	0.60	0.87	0.73	0.65	0.74	0.14	-2.14	0.36	0.14	-0.98	0.90
34HUBZ	0.75	0.00	0.76	9.93	1.36	0.56	0.63	-0.33	0.53	0.18	-1.65	0.41	0.07	-2.00	0.00
3NN6JA	0.63	-1.20	1.09	6.50	-0.84	0.18	0.60	-0.65	0.00	0.30	0.02	0.00	0.20	0.00	0.00
7GTEK4	0.61	-1.42	0.44	7.15	-0.42	1.12	0.60	-0.69	0.82	0.23	-0.93	0.36	0.20	0.00	1.57
8HLPXH	0.76	0.18	0.89	9.19	0.89	3.30	0.70	0.29	1.89						
AF9WUT	0.81	0.70	0.34	8.48	0.43	1.08	0.75	0.78	0.34	0.32	0.29	1.63	0.27	1.14	0.96
C9KVQL	0.71	-0.39	1.00	5.62	-1.41	0.68	0.67	0.00	1.29	0.29	-0.07	1.83	0.21	0.20	1.36
CAVVLU	0.84	1.03	0.58	9.42	1.03	0.42	0.94	2.64	1.41	0.39	1.20	0.54	0.25	0.71	1.45
CGE2KM	0.70	-0.51	1.73	7.90	0.06	0.13	0.65	-0.12	0.85	0.24	-0.77	0.34	0.15	-0.80	0.34
DFCQ2P	0.67	-0.85	0.54	4.24	-2.29	0.59	0.75	0.82	1.17	0.41	1.51	1.23	0.22	0.25	1.04
E6BP2Q	0.60	-1.56	0.97	7.88	0.04	0.19	0.62	-0.43	1.51	0.33	0.40	1.04	0.27	1.08	1.08
HWM2XX	0.81	0.64	0.58	7.44	-0.24	0.20	1.04	3.62X	5.02	0.32	0.25	0.54	1.15	14.54X	0.21
KXBBLW	0.73	-0.15	0.16	7.74	-0.04	0.45	0.66	-0.08	0.90	0.31	0.10	0.62	0.19	-0.22	0.31
LF747U	0.74	-0.11	0.54	7.43	-0.24	0.62	0.68	0.13	0.26	0.28	-0.32	0.25			
MC7E3T	0.73	-0.18		8.18	0.24		0.65	-0.16							
MGGB6G	0.80	0.59	0.59	8.47	0.43	0.83	0.76	0.94	0.46	0.33	0.44	0.90	0.20	0.00	1.36
PQXTD7	0.86	1.16	2.62	5.74	-1.33	0.13	0.75	0.79	1.30	0.30	-0.03	1.74	0.20	-0.04	0.51
QG48KD	0.44	-3.30X	1.52	6.71	-0.70	1.86	0.53	-1.31	0.90	0.30	-0.02	0.74	0.26	0.87	0.41
TTW7PN	0.75	0.00	0.76	7.51	-0.19	0.25	0.64	-0.23	0.78	0.24	-0.79	1.85	0.17	-0.52	1.77
ULCXUJ	0.65	-0.99	0.72	6.45	-0.87	0.33	0.60	-0.61	0.23	0.39	1.23	0.07	0.33	1.97	0.06
WNR7VG	0.89	1.49	1.20	9.11	0.83	0.60	0.90	2.28	1.33						
XM9CEJ	0.78	0.35	0.86	8.34	0.34	0.47	0.69	0.23	0.89						



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	0.75	7.81	0.67	0.30	0.20	
Median Abs Dev	0.06	0.80	0.06	0.03	0.04	
Avg Within Lab SD	0.05	0.57	0.04	0.03	0.03	
Labs Included	21	22	21	18	16	
Labs Reporting	22	22	22	18	17	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	1.1	0.7	0.3	242.0	0.7	0.1	0.2	-0.5	0.1	0.2	-1.3	0.2	1.7	0.6	0.3	
34HUBZ	0.9	-0.7	0.1	170.5	-0.5	0.2	0.3	0.2	0.6	0.2	0.0	0.3	1.6	0.4	0.3	
3NN6JA	0.8	-1.2	1.1	177.0	-0.4	0.6	0.1	-1.6	0.0				1.3	-1.1	0.8	
7GTEK4	1.3	1.9	1.2	146.0	-0.9	1.3	0.6	2.4	0.2	0.8	12.7X	13.0	1.9	1.7	2.1	
8HLPXH	0.9	-0.4	1.1	268.0	1.2	3.3	0.4	0.6	1.9				1.2	-1.3	1.1	
AF9WUT	1.0	0.0	0.1	238.4	0.7	0.3	0.3	0.0	0.9	0.2	0.0	0.1	1.7	0.5	0.2	
C9KVQL	0.9	-0.4	0.4	160.1	-0.7	0.5	0.5	1.8	1.0	0.2	0.3	0.2	1.5	0.0	1.2	
CAVVLU	1.1	0.7	0.5	245.7	0.8	0.2	0.3	0.3	0.7	0.3	1.2	2.1	1.7	0.5	0.6	
CGE2KM	1.0	0.3	0.2	230.8	0.5	0.2	0.2	-0.4	0.0	0.2	-0.9	0.1	1.6	0.3	0.0	
DFCQ2P	1.0	0.0	1.0	144.8	-1.0	1.4	0.3	-0.3	0.6	0.2	-1.4	0.7	1.5	-0.3	1.3	
E6BP2Q	1.0	-0.1	0.5	177.7	-0.4	0.4	0.8	4.2X	4.7	0.2	0.2	2.4	1.4	-0.7	1.0	
HWM2XX				204.0	0.1	0.2										
KXBBLW	0.8	-0.8	0.2	10.9	-3.3X	0.0	0.3	-0.2	0.4	0.2	0.0	0.7	1.5	-0.1	0.8	
LF747U	1.1	0.4	0.4	173.3	-0.5	0.1							1.5	-0.3	0.7	
MC7E3T	1.0	0.1		246.0	0.8		0.3	-0.2		0.2	-1.0		1.7	0.7		
MGGB6G	1.1	0.6	0.5	218.3	0.3	0.2	0.3	0.5	0.8	0.2	0.5	0.8	1.7	0.7	0.6	
NP96FK	0.8	-1.2	0.3	162.0	-0.7	0.3	0.4	0.7	3.0	0.5	6.1X	3.5	1.1	-1.9	0.2	
QG48KD	0.6	-1.9	0.4	195.3	-0.1	1.6	0.3	0.1	0.7	0.2	-0.6	1.0	1.3	-0.8	1.1	
ULCXUJ	0.8	-1.0	3.5	115.1	-1.5	0.6	0.1	-1.3	0.1	0.1	-2.4	0.1	0.8	-3.1X	0.3	
WNR7VG	1.0	0.2	0.6	267.2	1.2	0.4	0.2	-0.8	0.4	0.2	0.0		1.7	0.8	2.0	
XM9CEJ	1.1	0.8	0.5	228.5	0.5	0.3	0.3	0.0	0.1	0.2	-0.3	0.2	1.5	-0.1	0.3	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups						Data units: mmolc/L
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	0.99	199.6	0.29	0.22	1.54	
Median Abs Dev	0.12	38.2	0.05	0.02	0.13	
Avg Within Lab SD	0.11	13.8	0.08	0.03	0.08	
Labs Included	20	20	18	15	19	
Labs Reporting	20	21	19	17	20	



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3NN6JA	10.67	-0.44	0.61	7.76	0.42	1.36	14.67	-0.38	2.10	11.20	-0.01	0.58	26.10	0.44	0.48	
8HLPXH	12.77	0.26	1.45	4.26	-0.39	1.39	16.97	0.09	1.66	10.93	-0.17	0.77	19.17	-0.43	0.35	
CGE2KM	12.03	0.01	1.49	7.11	0.27	0.02	17.83	0.26	0.69	12.23	0.61	0.82	23.34	0.09	0.30	
DFCQ2P	12.37	0.12	2.40	17.05	2.57	2.37	17.21	0.14	1.30	11.34	0.08	2.68	27.98	0.67	3.24	
HWM2XX	12.78	0.26	0.40	7.16	0.28	0.20	18.68	0.44	0.82	11.23	0.01	0.73	26.30	0.46	0.80	
KXBBLW	11.56	-0.15	0.15	164.30	36.58X	2.01	16.54	0.00	0.93	11.45	0.14	0.30	28.33	0.71	0.27	
LF747U	12.23	0.08	0.11	1.70	-0.98	0.33	14.10	-0.50	0.12	10.87	-0.21	0.25	19.23	-0.42	0.40	
MC7E3T	12.00	0.00		4.43	-0.35		16.40	-0.03		11.20	-0.01		22.60	0.00		
MGGB6G	13.11	0.37	0.39	7.94	0.46	0.86	17.43	0.18	0.80	13.13	1.16	0.63	28.12	0.69	0.26	
QG48KD	1.70	-3.43	0.28	1.42	-1.05	0.35	2.72	-2.82	0.45	1.86	-5.64X	0.43	4.87	-2.21	0.24	
TTW7PN	10.82	-0.39	0.83	7.22	0.30	0.66	10.36	-1.26	0.37	9.31	-1.15	0.40	19.20	-0.42	0.17	
ULCXUJ	2.37	-3.21	0.19	4.77	-0.27	0.12	4.38	-2.48	0.17	3.79	-4.47	0.09	12.70	-1.23	0.06	
XM9CEJ	11.88	-0.04	0.64	2.64	-0.76	0.36	17.53	0.20	0.37	11.36	0.09	0.99	14.71	-0.98	0.24	

NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Grand Median	12.0			5.94			16.5			11.2			22.6		
Median Abs Dev	0.8			1.75			1.3			0.3			3.7			
Avg Within Lab SD	0.5			0.55			0.8			0.5			1.7			
Labs Included	13			12			13			12			13			
Labs Reporting	13			13			13			13			13			



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B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	0.05	-0.13	0.40	0.33	0.49	0.19	0.05	-0.07	0.00	0.05	-0.01	0.53	0.05	-0.04	0.00		
34HUBZ	0.06	-0.03	0.00	0.27	-0.11	0.00	0.06	0.11	0.00	0.06	0.27	0.53	0.05	0.04	0.32		
7GTEK4	0.08	0.26	0.62	0.22	-0.70	0.27	0.09	0.70	2.51	0.08	0.65	0.37	0.06	0.21	0.69		
C9KVQL	0.04	-0.29	0.40	0.24	-0.40	0.85	0.04	-0.18	0.37	0.05	-0.20	0.53	0.03	-0.39	0.32		
CAVLU	0.12	0.97	1.43	0.39	1.13	0.78	0.14	1.45	0.37	0.13	2.14	0.92	0.10	0.96	0.32		
CGE2KM	0.02	-0.58	1.07	0.29	0.07	1.28	0.03	-0.47	1.15	0.03	-0.64	1.56	0.02	-0.61	0.61		
DFCQ2P	0.03	-0.44	1.05	0.20	-0.86	1.35	0.04	-0.24	1.11	0.05	-0.20	1.40	0.03	-0.46	0.96		
KXBBLW	0.07	0.14	0.32	0.45	1.78	1.26	0.47	7.34X	3.64	0.11	1.63	1.91	0.27	4.61X	18.91		
LF747U				0.29	0.06	0.39											
MGGB6G	0.06	0.00	0.57	0.27	-0.06	0.42	0.05	0.00	0.18	0.05	0.00	0.40	0.05	-0.11	0.30		
QG48KD	0.03	-0.50	0.00	0.18	-1.11	0.19	0.03	-0.36	0.37	0.04	-0.39	0.00	0.03	-0.46	0.00		
TTW7PN	0.15	1.34	1.26	0.21	-0.70	1.06	0.05	0.00	0.98				0.12	1.54	1.98		
ULCXUJ	0.22	2.41	2.24	1.11	8.84X	2.67	0.19	2.46	0.86	0.20	4.01X	1.04	0.16	2.27	2.22		
UQKQVM	0.17	1.70		0.30	0.21		0.17	2.03		0.10	1.30		0.10	1.03			
XM9CEJ				0.44	1.74	2.24											

B - sp (SubTestCode 113) in the Salinity Property Groups						Data units: mg/L	
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915		
Grand Median	0.062	0.28	0.054	0.054	0.052		
Median Abs Dev	0.028	0.06	0.017	0.014	0.022		
Avg Within Lab SD	0.015	0.03	0.016	0.011	0.018		
Labs Included	13	14	12	11	12		
Labs Reporting	13	15	13	12	13		



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2LN38A	0.51	1.63	0.99	6.73	0.12	1.69	0.59	0.59	2.27	0.34	0.08	1.38	1.50	0.90	0.13	
2XY86A	0.31	0.00	0.00	13.63	2.77	0.78	0.50	0.00	0.50	0.34	0.10	0.23	1.28	-0.07	0.03	
3NN6JA	0.37	0.50	0.89	5.30	-0.43	1.79	0.57	0.51	0.29	0.48	1.40	2.46	1.41	0.53	0.31	
4ZXRY8	0.24	-0.57	0.85	4.76	-0.63	1.64	0.47	-0.19	1.46	0.32	-0.14	0.25	1.23	-0.28	0.23	
7XL6K7	0.35	0.33	0.52	6.51	0.04	0.89	0.52	0.12	1.26	0.37	0.35	0.39	1.27	-0.10	0.41	
94GDVB	0.49	1.48	0.52	12.43	2.31	1.07	0.85	2.44X	0.29	0.59	2.49	0.82	1.58	1.29	0.43	
9VNH3Y	0.27	-0.33	0.89	6.45	0.02	0.34	0.35	-1.06	0.58	0.32	-0.13	0.39	1.20	-0.40	0.17	
ARZH2A	0.38	0.55	1.07	6.22	-0.07	0.55	0.56	0.41	2.66	0.32	-0.13	0.68	1.07	-0.98	0.56	
C9KVQL	0.25	-0.49	1.55	6.12	-0.11	0.16	0.40	-0.69	1.81	0.34	0.03	0.45	1.29	0.00	0.12	
C9YH39	0.40	0.74	0.00	6.69	0.11	0.03	0.33	-1.17	1.33	0.31	-0.26	0.23	1.26	-0.16	0.03	
DFCQ2P	0.29	-0.16	0.52	5.68	-0.28	0.05	0.43	-0.46	0.29	0.33	-0.03	0.39	1.22	-0.34	0.43	
E6BP2Q	0.13	-1.50	0.26	6.47	0.02	0.40	0.31	-1.29	0.50	0.30	-0.35	0.78	1.22	-0.31	0.23	
F68HD3	0.30	-0.08	0.00	3.80	-1.00	0.00	0.30	-1.38	0.00	0.20	-1.28	0.00	1.00	-1.30		
F9TU6Z	0.17	-1.11	0.27	0.50	-2.27	0.07	0.21	-1.99	0.13	0.17	-1.60	0.03	0.42	-3.89X	0.03	
GAGXLR	0.32	0.08	0.00	13.94	2.89	0.00	0.50	0.00		0.37	0.35	0.00	1.25	-0.19		
GFK28J	0.20	-0.91	0.16	7.67	0.48	0.41	0.59	0.63	0.32	0.41	0.77	0.10	1.57	1.24	0.07	
H3YETY	0.44	1.09	0.03	5.23	-0.45	1.59	0.63	0.90	0.50	0.54	2.01	0.45	1.15	-0.63	4.86	
HJJ33U	899.67	380.94X	208.61	10,313.33	958.90X	78.39	900.67	215.34X	76.66	602.67	761.70X	22.70	1,639.00	271.00X	196.84	
K3L8NK	0.24	-0.61	0.11	6.82	0.16	0.09	0.49	-0.04	0.24	0.33	-0.06	0.15	1.42	0.55	0.03	
KJEWMN	0.34	0.25	1.21	6.74	0.13	0.78	0.52	0.13	1.04	0.36	0.28	1.86	1.34	0.21	0.08	
KXBBLW	0.19	-0.97	0.24	5.78	-0.24	0.49	0.29	-1.43	0.45	0.23	-0.95	0.16	0.77	-2.31	0.16	
LMRRUR	0.12	-1.52	0.11	5.71	-0.27	1.82	0.29	-1.44	0.50	0.17	-1.57	0.07	1.57	1.21	0.03	
MGGB6G	0.44	1.10	0.30	12.20	2.22	1.36	0.64	0.97	0.87	0.54	1.98	0.00	1.57	1.24	0.29	
QG48KD	0.42	0.93	0.60	6.72	0.12	0.14	0.53	0.18	0.77	0.33	-0.03	1.04	1.41	0.50	0.09	
QWWXK	0.37	0.53	0.43	5.94	-0.18	0.39	0.53	0.22	0.58	0.36	0.22	0.14	1.36	0.28	0.24	

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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups															Data units: dS/m		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
V2DUA2	0.40	0.71	0.30	6.37	-0.02	0.14	0.57	0.46	0.29	0.44	1.02	0.39	1.34	0.21	0.11		
XMR4N4	0.31	0.00	0.81	9.02	1.00	1.15	0.56	0.39	0.09	0.35	0.18	0.51	1.83	2.38	0.09		
XMRN8K	0.27	-0.35	3.88	5.39	-0.39	2.40	0.53	0.20	0.48	0.32	-0.12	3.47	1.24	-0.24	0.24		
Y4BDNB	0.27	-0.35	1.49	6.07	-0.13	0.30	0.30	-1.36	0.29	0.23	-0.99	0.39	1.37	0.33	0.16		
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups															Data units: dS/m		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
Grand Median	0.31			6.41			0.50			0.33			1.29				
Median Abs Dev	0.07			0.67			0.07			0.03			0.09				
Avg Within Lab SD	0.02			0.19			0.02			0.03			0.18				
Labs Included	28			28			27			28			27				
Labs Reporting	29			29			29			29			29				



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4N4LCG	0.18	-0.27	0.44	5.03	-1.12	2.79	0.26	-0.63	1.18	0.22	-0.38	0.83	0.87	0.21	0.81	
69N3V2	0.36	2.39	1.52	6.42	-0.04	1.97	0.44	2.20	1.34	0.33	1.59	1.94	1.07	1.53	0.78	
8DRFGB	0.22	0.24	0.10	0.01	-4.98X	0.00	0.33	0.49	0.66	0.23	-0.18	0.97	0.88	0.27	0.36	
9AQ8WE	0.22	0.30	2.18	7.22	0.57	0.06	0.31	0.14	0.55	0.27	0.53	0.00	0.80	-0.23	0.53	
A6CNEX	0.21	0.08	0.16	0.01	-4.98X	0.00	0.29	-0.09	0.24	0.22	-0.29	0.57	0.84	0.01	0.63	
DFCQ2P	0.17	-0.44	0.63	5.56	-0.70	0.06	0.29	-0.08	1.44	0.20	-0.65	0.57	0.77	-0.40	0.55	
E6BP2Q	0.08	-1.80	0.35	5.24	-0.95	1.38	0.20	-1.50	2.52	0.18	-1.11	1.24	0.89	0.35	0.38	
EGNC74	0.17	-0.49	0.36	7.47	0.76	0.85	0.26	-0.61	0.00	0.23	-0.24	0.57	0.75	-0.58	0.55	
F9TU6Z	0.11	-1.34	0.13	2.33	-3.19X	0.13	0.16	-2.25	0.07	0.13	-2.03	0.09	0.35	-3.16X	0.08	
FJRZ8R	0.20	0.00	1.67	4.63	-1.42	0.39	0.30	0.03	1.64	0.24	0.00	0.00	0.73	-0.69	0.80	
KLZB6Q	0.22	0.36	0.15	7.54	0.82	0.64	0.31	0.14	0.36	0.26	0.28	0.15	0.81	-0.15	0.46	
KTJECT	0.21	0.10	0.36	7.36	0.68	0.10	0.31	0.19	0.00	0.26	0.41	0.57	0.82	-0.07	0.15	
KXBBLW	0.33	1.87	3.51	6.49	0.01	0.87	0.58	4.50X	2.03	0.38	2.40	1.64	1.27	2.86	2.97	
LZHQUN	0.16	-0.62	0.40	5.53	-0.73	0.28	0.20	-1.55	0.47	0.24	-0.08	0.06	0.66	-1.15	0.88	
MC7E3T	0.23	0.39	0.31	7.67	0.92	0.20	0.33	0.46	0.16	0.27	0.59	0.38	0.83	-0.01	0.21	
MGGB6G	0.26	0.89	0.00	8.26	1.38	0.15	0.36	0.99	0.00	0.30	1.12	0.57	0.87	0.23	0.46	
NWT9MM	0.20	-0.04	0.22	6.13	-0.26	0.19	0.29	-0.12	2.12	0.24	0.02	0.99	0.78	-0.39	0.12	
PFDMEG	0.19	-0.16	0.00	6.33	-0.11	0.00	0.29	-0.13	0.00	0.22	-0.32	0.00	0.76	-0.51	0.00	
QMW82U	0.19	-0.14	0.36	6.46	-0.01	1.61	0.28	-0.26	1.01	0.22	-0.35	1.98	0.47	-2.38	2.56	
R7LDZQ	0.15	-0.79	0.36	5.44	-0.80	0.62	0.31	0.14	1.44	0.21	-0.47	0.57	0.96	0.84	0.15	
TBQ22C	0.11	-1.38	0.36	6.18	-0.23	0.14	0.21	-1.46	0.55	0.23	-0.12	1.52	1.05	1.41	1.33	
UQ3YJH	0.20	-0.06	0.38	7.08	0.46	1.00	0.30	-0.03	0.60	0.26	0.34	1.26	0.79	-0.29	1.13	
VCX42F	0.65	6.61X	0.42	9.48	2.32X	3.68	0.79	7.90X	0.91	0.70	8.18X	0.46	1.51	4.46X	0.20	
VPMZZT	0.32	1.82	0.96	8.00	1.18	1.47	0.40	1.63	0.00	0.32	1.47	2.06	1.01	1.13	0.85	
XM9CEJ	0.22	0.23	0.22	7.35	0.68	0.22	0.32	0.35	0.45	0.27	0.61	0.41	0.87	0.22	0.20	
YJ2G9L	0.24	0.66	0.04	7.77	1.00	0.06	0.34	0.74	0.20	0.31	1.28	0.15	0.88	0.29	0.15	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups						Data units: dS/m
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	0.20	6.47	0.30	0.24	0.83	
Median Abs Dev	0.03	0.93	0.03	0.02	0.06	
Avg Within Lab SD	0.02	0.18	0.01	0.01	0.04	
Labs Included	25	22	24	25	24	
Labs Reporting	26	26	26	26	26	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit	
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			Unit	k Score
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2LN38A	5.32	-1.23	2.40	8.13	0.01	1.40	4.31	-1.92	4.72	5.28	-0.99	1.62	7.28	-1.60	1.35		
2XY86A	5.60	0.99	0.00	8.30	1.29	0.00	4.80	1.34	0.00	5.50	0.45		7.47	0.06	1.27		
3NN6JA	5.61	1.10	3.98	7.92	-1.62	0.95	4.53	-0.49	4.22	5.23	-1.30	0.07	7.24	-1.96	2.58		
49RXR9	5.50	0.21		8.00	-1.01		4.70	0.67		5.40	-0.21		7.10	-3.26			
4ZXRY8	5.61	1.07	0.49	7.87	-1.98	0.52	4.78	1.20	1.14	5.56	0.86	0.31	7.47	0.06	0.34		
69N3V2	5.52	0.37	0.82	8.05	-0.65	1.06	4.74	0.96	0.78	5.63	1.30	0.62	7.53	0.63	0.96		
7RVUB9	5.51	0.25	0.35	8.09	-0.36	3.36	4.66	0.40	0.00	5.73	1.92	1.67	7.47	0.09	1.56		
7XL6K7	5.33	-1.15	0.09	8.15	0.17	0.98	4.43	-1.14	0.00	5.25	-1.17	0.14	7.42	-0.39	0.55		
8HLPXH	5.54	0.55	1.53	8.17	0.27	1.06	4.55	-0.36	0.36	5.38	-0.32	0.40	7.47	0.06	1.04		
94GDVB	5.47	-0.05	0.95	8.23	0.78	1.19	4.77	1.11	0.82	5.60	1.10	1.24	7.60	1.27	0.00		
9AQ8WE	5.56	0.71	1.81	8.08	-0.40	1.69	4.89	1.92	0.78	5.54	0.71	0.45	7.36	-0.88	0.46		
9CQHQT	5.58	0.81	1.07	8.03	-0.75	1.56	4.99	2.63	0.70	5.79	2.37	0.80	7.80	3.08X	0.58		
9VNH3Y	5.44	-0.29	0.09	8.13	-0.01	0.55	4.60	0.00	1.03	5.36	-0.45	0.31	7.46	0.03	1.13		
AN287A	5.49	0.10	0.41	8.21	0.56	0.07	4.65	0.30	0.12	5.56	0.87	0.26	7.55	0.77	0.03		
ARZH2A	5.43	-0.37	0.41	8.11	-0.14	1.26	4.59	-0.07	0.25	5.41	-0.16	0.73	7.42	-0.39	0.46		
C926H2	5.53	0.43	0.38	8.19	0.44	1.95	4.83	1.53	1.07	5.16	-1.76	6.12	7.45	-0.06	1.79		
C9KVQL	5.54	0.52	0.16	8.10	-0.24	1.15	4.68	0.51	0.36	5.48	0.32	0.25	7.46	0.03	0.71		
C9YH39	5.46	-0.13	0.34	8.27	1.04	0.24	4.58	-0.11	0.36	5.38	-0.36	0.19	7.48	0.15	0.34		
CAVVLU	5.02	-3.53X	0.41	8.12	-0.09	0.41	4.01	-3.96X	0.08	5.01	-2.79X	0.07	7.13	-3.02X	0.34		
CGE2KM	5.70	1.78	0.00	8.30	1.29	0.00	4.70	0.67	0.00	5.63	1.32	0.72	7.57	0.97	1.27		
CYAU6K	5.40	-0.58	0.00	8.17	0.27	1.19	4.57	-0.22	0.82	5.43	0.01	0.72	7.43	-0.24	1.27		
DFCQ2P	5.41	-0.52	0.34	7.97	-1.22	0.66	4.51	-0.60	0.14	5.38	-0.34	0.25	7.35	-0.97	0.46		
DJFNCH	5.53	0.47	0.95	8.20	0.52	2.06	4.70	0.67	0.00	5.60	1.10	0.00	7.53	0.66	1.27		
E6BP2Q	5.44	-0.24	0.41	8.20	0.50	1.56	4.62	0.13	1.30	5.45	0.12	0.33	7.45	-0.06	0.64		
EGNC74	5.64	1.31	1.00	8.28	1.14	0.71	4.67	0.45	0.41	5.51	0.54	0.07	7.56	0.94	0.25		
F68HD3	5.53	0.47	0.95	8.23	0.78	1.19	4.63	0.22	0.82	5.50	0.45		7.50	0.36			



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit	
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			Unit	k Score
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
F9TU6Z	4.97	-3.97X	0.34	7.91	-1.73	1.14	4.26	-2.27	0.38	4.98	-2.94X	0.26	7.12	-3.08	0.96		
FJRZ8R	5.42	-0.42	0.57	8.04	-0.68	1.46	4.62	0.13	0.28	5.51	0.51	0.12	7.46	0.00	0.22		
G7HJY2	5.42	-0.39	0.25	8.21	0.60	0.41	4.60	-0.02	0.30	5.40	-0.19	0.19	7.41	-0.42	0.34		
GAGXLR	5.54	0.52	0.00	8.10	-0.24	0.00	4.79	1.27	0.00	5.63	1.30	0.00	7.44	-0.18	0.00		
GFK28J	5.37	-0.78	0.19	8.13	0.01	0.24	4.61	0.04	0.22	5.42	-0.08	0.12	7.43	-0.24	0.13		
H3YETY	5.42	-0.44	0.83	8.04	-0.70	0.90	4.40	-1.36	0.43	5.30	-0.86	0.33	7.28	-1.66	1.04		
J4PWAQ	5.29	-1.44	0.16	8.01	-0.96	0.32	4.44	-1.07	0.14	5.29	-0.93	0.12	7.35	-1.00	0.22		
K3L8NK	5.23	-1.89	0.24	8.35	1.65	0.08	4.21	-2.60X	0.41	5.18	-1.65	0.07	7.50	0.35	0.09		
KCQE3K	5.41	-0.50	0.00	8.17	0.29	0.41	4.60	0.00	0.14	5.49	0.38	0.00	7.55	0.82	0.22		
KJEWMM	5.52	0.37	1.59	8.04	-0.68	2.03	4.52	-0.56	0.73	5.38	-0.36	1.36	7.39	-0.63	2.81		
KLZB6Q	5.40	-0.58	0.72	8.00	-1.04	0.66	4.51	-0.58	0.36	5.33	-0.64	0.31	7.40	-0.54	0.44		
KXBBLW	5.08	-3.09X	0.66	8.01	-0.93	0.21	4.48	-0.82	0.22	5.32	-0.71	0.07	7.54	0.73	0.44		
KYMVRL	5.78	2.43	0.66	8.13	-0.01	0.21	4.72	0.82	0.54	5.57	0.89	0.61	7.41	-0.42	2.46		
L4DKRP	5.78	2.38	2.08	8.01	-0.96	1.14	4.65	0.33	1.40	5.39	-0.27	1.08	6.87	-5.35X	4.91		
LF747U	5.43	-0.34	1.14	7.95	-1.39	0.36	4.49	-0.71	0.22	5.15	-1.87	0.07	7.08	-3.45X	0.38		
LMRRUR	5.43	-0.34	0.16	8.20	0.50	0.24	4.55	-0.33	0.00	5.45	0.12	0.00	7.49	0.27	0.00		
MC7E3T	5.50	0.18	1.19	7.88	-1.96	0.86	4.66	0.38	0.67	5.43	-0.01	0.90	7.18	-2.51	1.68		
MGGB6G	5.41	-0.50	0.28	7.99	-1.09	0.21	4.46	-0.96	0.08	5.25	-1.21	0.31	7.25	-1.87	0.25		
MZVA6R	5.47	0.00	0.38	8.14	0.09	0.66	4.56	-0.29	0.22	5.37	-0.40	0.43	7.47	0.09	0.58		
NBT3ZG	5.46	-0.13	0.19	8.20	0.52	0.21	4.60	-0.02	0.16	5.44	0.03	0.07	7.50	0.33	0.34		
NW9MW H	5.55	0.63	0.50	8.05	-0.63	0.71	4.57	-0.20	0.38	5.49	0.36	0.63	7.45	-0.09	0.96		
NWT9MM	5.50	0.21	1.03	8.21	0.63	0.66	4.70	0.69	1.10	5.53	0.67	0.87	7.57	0.97	1.04		
PFDMEG	5.36	-0.86	0.25	8.09	-0.32	0.95	4.55	-0.33	0.49	5.43	-0.03	0.29	7.48	0.15	0.13		
QG48KD	5.33	-1.15	0.25	8.22	0.70	0.98	4.47	-0.87	0.51	5.31	-0.80	0.45	7.43	-0.30	0.67		
QMW82U	5.48	0.08	0.09	8.22	0.65	0.12	4.60	-0.02	0.16	5.43	-0.01	0.00	7.51	0.48	0.25		



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QWVXK F	5.54	0.55	0.53	7.96	-1.34	0.12	4.69	0.60	0.00	5.48	0.32	0.12	7.31	-1.33	0.92	
T8RVGE	5.37	-0.81	1.32	8.15	0.14	0.83	4.48	-0.80	0.85	5.33	-0.67	0.50	7.39	-0.63	0.66	
TBQ22C	5.43	-0.31	1.90	8.13	0.01	1.19	4.60	0.00	0.00	5.50	0.45		7.50	0.36		
V2DUA2	5.38	-0.71	0.25	8.10	-0.22	0.12	4.49	-0.76	0.08	5.34	-0.58	0.07	7.36	-0.88	0.13	
VYU8VF	5.35	-0.97	0.16	8.22	0.68	0.00	4.48	-0.78	0.16	5.34	-0.58	0.07	7.49	0.24	0.13	
XM9CEJ	5.43	-0.34	0.33	8.06	-0.52	0.24	4.58	-0.13	0.25	5.42	-0.10	0.52	7.37	-0.79	0.34	
XMRN8K	5.52	0.34	1.69	8.15	0.14	0.55	4.62	0.16	1.29	5.47	0.25	0.22	7.56	0.94	1.68	
XUAWVG	5.37	-0.84	0.95	8.23	0.78	1.19	4.57	-0.22	0.82	5.50	0.45		7.47	0.06	1.27	
Y4BDNB	5.63	1.26	0.47	8.30	1.29	0.00	4.90	2.00	0.00	5.62	1.21	0.36	7.53	0.66	0.64	
Z9Z96A	5.56	0.68	0.75	8.15	0.17	0.32	4.66	0.42	0.22	5.49	0.40	0.29	7.44	-0.15	0.13	
ZHN8VE	5.57	0.76	0.33	8.13	-0.01	0.21	4.73	0.89	0.30	5.53	0.67	0.14	7.46	0.00	0.38	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	5.47			8.13			4.60			5.43			7.46			
Median Abs Dev	0.07			0.08			0.08			0.08			0.05			
Avg Within Lab SD	0.06			0.05			0.07			0.08			0.05			
Labs Included	59			62			60			60			58			
Labs Reporting	62			62			62			62			62			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4N4LCG	6.87	6.48X	4.97	8.07	-0.04	1.64	6.23	10.16X	4.26	7.50	8.29X	2.04	8.03	3.59X	3.00	
4QNZDW	5.51	-0.18	0.30	8.28	0.99	0.32	4.81	0.81	0.13	5.57	0.33	0.27	7.53	0.46	0.30	
8DRFGB	5.90	1.72	1.98	8.03	-0.20	0.62	4.80	0.74	0.00	5.63	0.60	0.45	7.30	-1.00	0.00	
8HLPXH	5.68	0.66	1.66	8.21	0.64	0.50	4.71	0.15	0.69	5.50	0.04	0.12	7.64	1.13	0.29	
DFCQ2P	5.51	-0.18	0.30	8.06	-0.07	0.11	4.63	-0.35	0.08	5.47	-0.07	0.08	7.46	0.02	0.30	
DH7CW2	5.13	-2.05	2.84	8.18	0.51	0.81	4.28	-2.67	3.47	5.11	-1.55	1.52	7.31	-0.94	1.01	
E6BP2Q	5.58	0.16	1.01	8.28	0.98	0.73	4.69	0.04	0.63	5.56	0.29	0.32	7.60	0.88	0.38	
EGNC74	5.55	-0.02	0.91	8.13	0.25	0.31	4.62	-0.44	0.74	5.41	-0.33	0.16	7.53	0.44	0.14	
F9TU6Z	5.00	-2.72	0.75	7.96	-0.57	0.25	4.18	-3.30	0.43	4.93	-2.28	0.04	7.14	-2.00	0.14	
FRL62T	5.54	-0.05		7.57	-2.45		4.68	-0.04		5.28	-0.85		7.35	-0.69		
HWM2XX	5.25	-1.46	0.60	8.21	0.64	0.06	4.60	-0.59	1.81	5.31	-0.74	0.91	7.49	0.19	0.25	
KLZB6Q	5.57	0.08	0.75	8.02	-0.28	0.06	4.68	-0.07	0.40	5.49	0.00	0.04	7.57	0.67	0.22	
KXBBLW	5.28	-1.33	0.40	8.00	-0.35	0.06	4.44	-1.64	0.28	5.31	-0.71	0.12	7.46	0.00	1.37	
LF747U	5.55	0.02	0.46	8.06	-0.06	0.31	4.65	-0.26	0.43	5.26	-0.93	0.08	7.21	-1.55	0.22	
MC7E3T	5.68	0.64	0.86	7.95	-0.61	0.28	4.83	0.92	0.88	5.66	0.71	0.08	7.37	-0.54	0.44	
MGGB6G	5.39	-0.77	0.30	8.08	0.04	0.16	4.62	-0.44	0.26	5.38	-0.45	0.04	7.44	-0.15	0.08	
R7LDZQ	5.66	0.53	0.41	8.12	0.22	0.22	4.72	0.24	0.20	5.59	0.41	0.25	7.38	-0.50	0.43	
TF6KJT	5.59	0.20	0.00	8.22	0.72	0.06	4.71	0.15	0.13	5.55	0.26	0.08	7.62	1.00	0.14	
UQ3YJH	5.51	-0.20	0.71	7.74	-1.64	2.30	4.72	0.24	1.57	5.21	-1.15	3.53	7.46	-0.02	0.87	
VCX42F	4.76	-3.89X	2.08	7.97	-0.49	3.48	4.01	-4.42X	1.76	5.02	-1.94	2.42	7.26	-1.25	4.06	
XM9CEJ	5.54	-0.03	0.11	8.14	0.33	0.16	4.63	-0.35	0.08	5.53	0.18	0.13	7.51	0.31	0.29	
XMR4N4	5.60	0.25	0.00	8.33	1.25	0.62	4.70	0.09	0.00	5.60	0.47	0.00	7.63	1.09	0.83	
YJ2G9L	5.74	0.95	0.23	7.68	-1.90	0.31	4.79	0.66	0.50	5.65	0.69	0.18	7.45	-0.04	0.30	
Z9Z96A	5.68	0.64	0.91	8.27	0.96	0.16	4.78	0.63	0.20	5.61	0.52	0.18	7.56	0.65	0.08	



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	5.55	8.08	4.69	5.49	7.46	
Median Abs Dev	0.08	0.11	0.06	0.13	0.10	
Avg Within Lab SD	0.05	0.09	0.08	0.13	0.07	
Labs Included	22	24	22	23	23	
Labs Reporting	24	24	24	24	24	



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ZXRY8	5.21	1.53	0.59	7.81	-2.48	0.62	4.30	0.00	1.82	5.11	0.09	1.92	7.17	-1.21	1.48	
A6CNEX	4.96	-0.81	0.59	7.86	-2.09	2.40	4.30	-0.05	0.56	5.08	-0.23	0.49	7.16	-1.27	2.25	
CYAU6K	5.03	-0.12	1.72	8.13	0.05	1.01	4.20	-1.39	0.00	5.10	0.00	0.00	7.30	0.00	0.00	
E6BP2Q	5.03	-0.12	1.69	8.17	0.34	1.07	4.33	0.42	0.73	5.13	0.41	0.84	7.32	0.16	0.40	
FJRZ8R	5.06	0.16	0.96	8.10	-0.23	0.27	4.32	0.28	1.26	5.10	0.00	0.64	7.34	0.37	1.16	
J4PWAQ	4.98	-0.62	0.30	7.97	-1.21	0.18	4.35	0.69	0.36	5.01	-1.22	0.32	7.12	-1.71	0.40	
KCQE3K	5.05	0.00	0.17	8.13	0.00	0.27	4.31	0.14	0.36	5.13	0.45	0.37	7.38	0.75	0.00	
KXBBLW	5.00	-0.41	0.17	7.94	-1.47	1.33	4.14	-2.22	0.73	5.05	-0.63	0.49	7.16	-1.31	0.46	
MGGB6G	4.87	-1.69	0.17	8.03	-0.72	0.10	4.16	-1.94	0.00	4.96	-1.90	0.00	7.19	-1.03	0.00	
NBT3ZG	5.09	0.37	0.45	8.15	0.15	0.10	4.24	-0.83	0.63	5.13	0.36	0.66	7.34	0.40	0.31	
NW9MW H	5.12	0.66	2.56	8.12	-0.08	0.56	4.31	0.09	1.17	5.17	0.99	1.57	7.28	-0.22	1.10	
NWT9MM	5.10	0.47	0.96	8.15	0.21	1.76	4.36	0.79	2.22	5.24	1.90	1.94	7.39	0.84	1.66	
QG48KD	5.24	1.81	1.19	8.18	0.39	0.71	4.22	-1.06	1.28	5.03	-0.90	0.18	7.26	-0.37	0.53	
T8RVGE	4.94	-1.00	0.30	8.06	-0.54	1.32	4.21	-1.25	0.73	5.03	-0.95	0.64	7.16	-1.31	1.33	
VPMZZT	5.03	-0.12	0.34	8.19	0.52	0.10	4.31	0.14	1.26	5.11	0.14	0.84	7.34	0.37	1.21	
XUAWVG	5.10	0.50	0.00	8.17	0.31	1.01	4.30	0.00	0.00	5.17	0.90	1.84	7.30	0.00	0.00	
Z9Z96A	5.16	1.06	0.30	8.21	0.67	0.20	4.31	0.18	0.21	5.07	-0.41	0.55	7.32	0.16	0.55	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups																Data units: Unit
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Grand Median	5.05			8.13			4.30			5.10			7.30		
Median Abs Dev	0.05			0.05			0.03			0.03			0.04			
Avg Within Lab SD	0.03			0.06			0.03			0.03			0.04			
Labs Included	17			17			17			17			17			
Labs Reporting	17			17			17			17			17			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3NN6JA	4.86	-1.58	1.03	7.45	-2.63	2.01	3.98	-2.38	0.21	4.87	-1.60	0.44	7.20	-0.38	2.09	
8HLPXH	5.02	0.00	0.81	8.14	0.60	1.40	4.25	0.00	0.73	5.02	-0.23	1.74	7.31	0.31	1.62	
9CQHQT	4.93	-0.91	2.62	8.18	0.78	1.58	4.31	0.51	1.91	5.10	0.44	0.87	7.33	0.50	0.59	
KXBBLW	5.04	0.19	0.81	8.01	0.00	0.51	4.19	-0.57	0.76	5.00	-0.44	0.75	7.16	-0.65	0.95	
LF747U	4.94	-0.77	0.98	8.00	-0.05	0.51	4.19	-0.51	0.56	4.83	-1.95	0.87	7.02	-1.63	0.38	
MC7E3T	5.05	0.29	0.59	7.83	-0.84	0.71	4.33	0.74	2.15	5.10	0.41	1.90	7.10	-1.07	0.99	
MGGB6G	4.83	-1.87	0.00	8.01	-0.02	0.00	4.15	-0.89	0.00	4.94	-0.96	0.00	7.17	-0.60	0.00	
QMW82U	5.05	0.26	0.39	8.26	1.15	0.43	4.32	0.65	0.21	5.10	0.46	0.44	7.41	0.99	0.76	
TF6KJT	5.07	0.48	0.22	8.17	0.74	0.29	4.31	0.51	0.21	5.12	0.58	0.44	7.35	0.63	0.19	
WNR7VG	5.09	0.68	0.45	7.97	-0.22	0.79	4.31	0.51	1.06	5.05	0.00	0.00	7.26	0.00	0.87	
XM9CEJ	4.98	-0.39	0.22	8.10	0.40	0.74	4.23	-0.15	0.21	5.09	0.35	1.31	7.36	0.65	0.50	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	5.02			8.01			4.25			5.05			7.26			
Median Abs Dev	0.05			0.13			0.06			0.05			0.09			
Avg Within Lab SD	0.03			0.04			0.03			0.01			0.03			
Labs Included	11			11			11			11			11			
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
DH7CW2	0.10		1.98	3.80		1.00	0.16		1.98	0.12		1.97	0.34		0.71	
F9TU6Z	0.05		0.08	1.74		0.25	0.08		0.01	0.07		0.01	0.20		0.12	
TF6KJT	0.29		0.00	6.23		0.11	0.38		0.00	0.31		0.00	0.98		1.23	
UQ3YJH	0.08		0.29	3.75		1.71	0.12		0.28	0.11		0.36	0.35		1.40	
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	0.09			3.78			0.14			0.11			0.34			
Median Abs Dev																
Avg Within Lab SD	0.01			0.05			0.02			0.01			0.01			
Labs Included	4			4			4			4			4			
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	6.94	0.44	0.10				6.57	0.14	0.00	6.52	-0.29	0.14			
2LN38A	6.86	-0.16	2.25				6.10	-2.32	1.30	6.50	-0.47	2.00			
4QNZDW	6.60	-1.92	0.28	7.84	1.40	0.98	6.32	-1.18	0.85	6.40	-1.18	0.37	7.34	-0.07	1.28
C9KVQL	7.00	0.86	0.28	7.61	-0.37	1.36	6.68	0.72	0.64	6.71	1.10	0.37	7.37	0.47	0.84
FJRZ8R	6.95	0.46	1.38	7.68	0.19	0.24	6.65	0.58	1.22	6.77	1.52	0.65	7.38	0.62	0.64
MGGB6G	6.85	-0.21	0.18	7.49	-1.35	1.53	6.48	-0.32	1.03	6.53	-0.25	1.29	7.16	-2.64	1.39
QMW82U	6.90	0.16	0.10	7.64	-0.19	0.24	6.56	0.07	0.19	6.60	0.25	0.37	7.35	0.07	0.32
T8RVGE	6.71	-1.18	0.91	7.73	0.56	0.85	6.53	-0.07	1.61	6.61	0.34	1.22	7.33	-0.17	1.10

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	6.88			7.66			6.54			6.56			7.34		
Median Abs Dev	0.07			0.06			0.08			0.05			0.02		
Avg Within Lab SD	0.06			0.02			0.03			0.04			0.02		
Labs Included	8			6			8			8			6		
Labs Reporting	8			6			8			8			6		



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7XL6K7	6.96	-0.44	0.84	7.59	-1.58	0.53	6.52	-1.04	0.28	6.51	-0.92	0.43	7.31	-1.47	0.55	
94GDVB	6.57	-3.67X	1.51	7.73	1.26	3.98	5.83	-8.00X	3.08	6.57	-0.55	1.63	7.47	1.75	2.08	
AN287A	6.95	-0.48	0.09	7.63	-0.68	0.32	6.58	-0.45	0.10	6.60	-0.30	0.26	7.35	-0.71	0.05	
ARZH2A	6.97	-0.33	1.36	7.59	-1.58	0.80	6.67	0.40	0.63	6.62	-0.15	1.14	7.32	-1.40	0.55	
C926H2	6.96	-0.38	0.97	7.70	0.63	0.90	6.61	-0.18	0.51	6.64	-0.06	1.24	7.37	-0.22	0.97	
CAVVLU	7.16	1.27	0.15	7.73	1.26	0.20	6.69	0.67	0.07	6.61	-0.22	0.33	7.43	0.91	0.21	
CGE2KM	7.27	2.13	1.51	7.70	0.61	0.00	6.67	0.40	3.94	6.93	2.02	1.63	7.37	-0.35	2.08	
DFCQ2P	6.99	-0.14	0.40	7.66	-0.23	0.20	6.52	-1.04	0.07	6.63	-0.11	0.28	7.37	-0.35	0.21	
DJENCH	6.83	-1.46	1.51	7.70	0.61	0.00	6.23	-3.97X	0.71	6.13	-3.59X	1.63	7.33	-1.05	2.08	
E6BP2Q	7.13	0.99	0.52	7.66	-0.16	0.69	6.67	0.47	0.92	6.80	1.11	1.17	7.41	0.56	0.62	
F68HD3	7.07	0.47	1.51	7.70	0.61	0.00	6.70	0.74	0.00	6.70	0.39	0.00	7.40	0.35	0.00	
FJRZ8R	7.03	0.17	1.04	7.64	-0.61	1.05	6.65	0.20	0.50	6.77	0.85	1.45	7.35	-0.77	0.55	
GFK28J	7.01	0.00	0.00	7.67	-0.03	0.20	6.61	-0.17	0.00	6.67	0.15	0.16	7.36	-0.42	0.21	
LMRRUR	18.20	92.69X	4.52	7.75	1.52	0.40	6.63	0.00	0.14	6.76	0.81	1.46	7.39	0.14	0.62	
NBT3ZG	7.05	0.36	0.15	7.68	0.16	0.53	6.52	-1.08	0.12	6.74	0.67	0.28	7.39	0.07	0.42	
NWT9MM	7.06	0.41	0.26	7.62	-0.87	0.40	6.74	1.18	0.46	6.63	-0.08	0.43	7.39	0.14	0.36	
PFDMEG	6.98	-0.25	0.45	7.62	-0.87	0.72	6.58	-0.44	0.28	6.64	-0.01	1.07	7.33	-1.12	1.25	
QG48KD	6.97	-0.30	0.99	7.63	-0.81	0.53	6.56	-0.64	0.26	6.65	0.01	0.59	7.34	-0.84	0.42	
QWWXK F	7.01	0.00	0.69	7.66	-0.16	0.69	6.65	0.20	0.46	6.78	0.92	1.33	7.41	0.63	1.16	
TTW7PN	6.90	-0.93	2.57	7.68	0.31	0.33	6.53	-0.97	0.14	6.54	-0.71	0.10	7.39	0.04	0.24	
XMRN8K	7.28	2.24	0.26	7.68	0.23	0.60	6.84	2.18	1.67	7.03	2.68	1.88	7.46	1.68	1.50	
Y4BDNB	6.87	-1.19	0.75	7.48	-3.59X	0.99	6.52	-1.11	0.35	6.42	-1.60	0.81	7.38	0.00	1.04	
Z9Z96A	7.04	0.22	0.40	7.67	0.03	0.60	6.69	0.60	0.26	6.72	0.50	0.33	7.41	0.56	0.72	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	7.01	7.67	6.63	6.65	7.38	
Median Abs Dev	0.05	0.03	0.06	0.08	0.03	
Avg Within Lab SD	0.04	0.03	0.08	0.04	0.03	
Labs Included	21	22	21	22	23	
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
69N3V2	7.67	0.00	1.17	7.67	-2.25	1.75	7.52	1.45	0.63	7.33	-0.78	0.81	7.65	0.00	1.33	
7RVUB9	7.62	-1.10	1.80	7.74	-0.20	0.00	7.43	-0.64	2.13	7.35	-0.62	1.79	7.64	-0.67	1.22	
NWT9MM	7.70	0.64	0.21	7.76	0.31	1.37	7.46	0.00	0.17	7.52	1.84	0.90	7.65	0.39	1.20	
PFDMEG	7.66	-0.21	0.56	7.75	0.00	0.16	7.44	-0.48	0.17	7.40	0.14	0.49	7.64	-0.39	0.57	
V2DUA2	7.73	1.42	0.21	7.77	0.61	0.16	7.49	0.80	0.00	7.39	0.00	0.28	7.68	1.93	0.00	

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Grand Median	7.67			7.75			7.46			7.39			7.65		
Median Abs Dev	0.03			0.01			0.03			0.05			0.01			
Avg Within Lab SD	0.03			0.04			0.03			0.04			0.02			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ZXRY8	6.63	-0.27	0.55	7.30	0.65	1.79	6.38	-0.13	1.37	6.56	0.14	0.39	7.20	0.75	1.80	
9VNH3Y	6.57	-0.77	1.15	7.31	0.79	0.78	6.45	0.28	0.54	6.51	-0.46	1.04	7.12	-0.10	1.22	
E6BP2Q	6.62	-0.35	1.97	7.20	-0.74	0.00	6.28	-0.68	1.57	6.46	-1.05	1.97	7.21	0.78	0.46	
NBT3ZG	6.88	1.80	0.36	7.21	-0.65	1.06	6.02	-2.12	0.83	6.54	-0.14	0.60	6.95	-1.76	0.23	
QG48KD	6.70	0.27	0.21	7.21	-0.61	0.51	6.42	0.13	0.63	6.59	0.46	0.23	7.07	-0.55	0.80	
Z9Z96A	6.74	0.60	0.55	7.30	0.61	0.88	6.53	0.72	0.54	6.70	1.81	0.68	7.14	0.10	0.61	

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	6.67			7.26			6.40			6.55			7.13			
Median Abs Dev	0.06			0.05			0.09			0.04			0.07			
Avg Within Lab SD	0.03			0.02			0.02			0.03			0.03			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
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			
9AQ8WE	6.24		1.35				6.02		0.84				6.17		1.18			
VPMZZT	6.29		0.41	6.93		1.00	6.06		1.14	6.22		0.78	6.65		1.00			
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
Grand Median	6.26			6.93			6.04			6.19			6.65					
Median Abs Dev																		
Avg Within Lab SD	0.04			0.01			0.04			0.05			0.01					
Labs Included	2			1			2			2			1					
Labs Reporting	2			1			2			2			1					



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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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	35.6	-0.6	0.0	67.4	-0.2	0.1	61.6	-0.4	0.2	54.8	-0.3	0.1	163.3	0.1	0.1
2LN38A	27.9	-1.8	2.3	39.4	-4.3X	1.6	40.7	-3.4X	0.8	36.6	-3.9X	4.7	60.7	-3.9X	0.4
2XY86A	36.6	-0.5	0.1	70.2	0.2	0.4	63.7	-0.2	0.1	57.3	0.2	0.5	167.6	0.2	0.3
34HUBZ	34.3	-0.8	0.2	61.4	-1.0	0.4	67.4	0.4	4.9	51.5	-0.9	0.8	146.3	-0.6	0.3
4N4LCG	36.7	-0.5	0.3	65.3	-0.5	0.6	62.3	-0.3	0.2	53.0	-0.6	1.4	126.7	-1.4	0.9
4QNZDW	35.3	-0.7	5.7	74.3	0.8	0.8	73.9	1.3	0.8	63.4	1.4	0.8	184.8	0.9	1.3
4ZXRY8	48.6	1.3	0.5	81.0	1.8	0.6	70.8	0.8	0.7	50.2	-1.2	0.9	144.0	-0.7	1.2
69N3V2	44.6	0.7	0.1	66.7	-0.3	1.7	71.4	0.9	0.4	58.4	0.5	0.3	145.3	-0.6	2.1
7GTEK4	40.3	0.1	0.2	62.6	-0.9	1.8	57.5	-1.0	1.3	51.7	-0.9	0.6	164.9	0.1	1.4
94GDVB	52.9	1.9	0.2	83.0	2.1	0.4	84.4	2.8	0.1	65.0	1.7	0.3	184.0	0.9	0.3
9CQHQT	6.6	-5.0X	0.0	68.9	0.0	2.4	60.8	-0.6	2.1	59.8	0.7	2.9	176.5	0.6	0.6
9VNH3Y	46.3	1.0	0.0	78.8	1.5	0.4	75.8	1.5	0.2	56.4	0.1	0.4	183.1	0.8	0.6
A6CNEX	35.9	-0.6	0.1	67.6	-0.2	0.3	63.9	-0.1	0.1	57.0	0.2	1.2	153.0	-0.3	0.5
AN287A	46.7	1.0	0.1	68.7	0.0	0.2	65.2	0.1	0.0	55.1	-0.2	0.1	152.8	-0.3	0.3
ARZH2A	46.6	1.0	0.5	81.1	1.8	0.9	78.1	1.9	0.2	58.8	0.5	0.6	181.3	0.8	0.4
C9KVQL	36.2	-0.6	0.2	67.5	-0.2	1.8	64.1	-0.1	0.3	54.1	-0.4	0.4	161.5	0.0	1.2
CGE2KM	44.8	0.7	0.1	70.0	0.2	0.7	70.2	0.8	0.6	54.2	-0.4	0.4	160.5	0.0	0.4
DFCQ2P	39.3	-0.1	1.0	72.3	0.5	2.5	62.0	-0.4	0.6	54.3	-0.4	0.3	166.3	0.2	0.7
DH7CW2	40.5	0.1	0.6	71.3	0.4	1.2	64.8	0.0	0.3	57.7	0.3	0.5	177.3	0.6	0.6
E6BP2Q	46.9	1.1	0.2	66.9	-0.3	1.5	65.7	0.1	1.0	56.0	0.0	0.8	168.8	0.3	0.5
FJRZ8R	37.7	-0.3	0.0	71.9	0.5	1.1	64.0	-0.1	0.4	57.4	0.2	0.5	159.0	-0.1	1.2
FRL62T	33.7	-0.9	0.5	42.1	-3.9X	0.6	53.3	-1.6	0.5	41.7	-2.9	0.6	97.9	-2.5	0.1
GAGXLR	38.0	-0.3		64.8	-0.6	0.0	62.5	-0.3		56.2	0.0	0.0	127.1	-1.3	0.0
GFK28J	45.1	0.8	0.5	59.5	-1.3	0.5	63.3	-0.2	0.1	50.9	-1.0	0.5	147.0	-0.6	0.1
K3L8NK	35.6	-0.6	0.3	72.0	0.5	0.8	69.1	0.6	0.4	58.0	0.4	0.3	178.6	0.7	0.5
KJEWMN	42.8	0.4	0.1	70.2	0.2	1.1	72.4	1.1	0.9	61.8	1.1	1.5	194.4	1.3	1.6



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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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
L4DKRP	36.5	-0.5	0.1	68.2	-0.1	0.2	63.9	-0.1	0.1	56.3	0.0	0.2	159.4	-0.1	0.2	
LMRRUR	49.8	1.5	0.1	73.4	0.7	0.0	71.3	0.9	0.1	60.3	0.8	0.4	113.2	-1.9	0.0	
LZHQUN	11.0	-4.3X		179.3	16.1X	0.2	10.0	-7.7X		9.0	-9.3X		8.0	-6.0X		
MC7E3T	34.7	-0.8	0.3	64.6	-0.6	1.3	62.9	-0.3	1.0	58.2	0.4	2.3	156.7	-0.2	1.1	
MGGB6G	33.6	-0.9	0.4	62.6	-0.9	2.0	57.0	-1.1	2.2	53.2	-0.6	1.1	167.8	0.2	1.1	
NP96FK	47.2	1.1	0.1	85.5	2.4	0.3	80.6	2.2	0.2	71.7	3.1X	0.3	200.3	1.5	2.4	
NWT9MM	36.1	-0.6	0.2	64.4	-0.6	0.0	61.1	-0.5	0.1	54.5	-0.3	0.6	145.4	-0.6	0.1	
PFDMEG	39.9	0.0	0.6	64.5	-0.6	0.8	65.4	0.1	0.2	48.7	-1.5	0.5	152.2	-0.4	0.4	
PQXTD7	42.8	0.4	0.9	69.7	0.2	0.9	68.1	0.5	0.9	53.9	-0.4	1.2	156.1	-0.2	1.0	
QG48KD	47.7	1.2	0.9	75.2	1.0	0.8	73.1	1.2	0.5	56.9	0.2	2.7	181.1	0.8	0.6	
QMW82U	40.7	0.1	0.1	72.5	0.6	0.4	68.1	0.5	0.0	59.8	0.7	0.2	172.4	0.4	0.3	
QWWXK F	41.4	0.2	0.3	67.9	-0.1	0.7	60.7	-0.6	0.6	49.8	-1.2	1.4	154.0	-0.3	0.7	
R7LDZQ	35.8	-0.6	0.0	65.4	-0.5	0.1	59.5	-0.7	0.2	50.3	-1.2	0.1	159.0	-0.1	0.1	
TBQ22C	37.0	-0.4	0.3	73.0	0.6	0.8	64.3	-0.1	0.3	54.0	-0.4	0.5	93.7	-2.6	0.1	
UQKQVM	38.1	-0.3		70.7	0.3		66.0	0.2		58.9	0.5		166.9	0.2		
V2DUA2	40.4	0.1	0.0	71.8	0.5	0.3	66.4	0.2	0.1	58.5	0.5	0.2	177.7	0.6	0.2	
XMR4N4	37.5	-0.4	0.2	60.6	-1.2	0.5	60.6	-0.6	0.2	50.0	-1.2	0.8	139.2	-0.9	0.3	
XMRN8K	47.0	1.1	0.3	58.3	-1.5	1.0	75.5	1.5	0.6	59.2	0.6	1.8	213.4	2.0	3.8	
Y4BDNB	49.3	1.4	0.2	67.3	-0.2	0.2	63.0	-0.3	0.5	54.3	-0.4	0.3	163.3	0.1	0.4	
YJ2G9L	37.8	-0.3	0.0	4.2	-9.4X	0.0	64.8	0.0	0.0	57.2	0.2	0.1	177.1	0.6	0.1	
Z9Z96A	39.9	0.0	0.0	63.8	-0.7	0.6	55.4	-1.3	0.3	45.7	-2.1	1.1	144.8	-0.7	0.5	



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups						Data units: mg/kg
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	39.9	68.7	64.8	56.1	161.5	
Median Abs Dev	4.1	3.7	3.3	2.3	15.2	
Avg Within Lab SD	3.6	2.5	3.6	1.9	6.6	
Labs Included	45	43	45	44	45	
Labs Reporting	47	47	47	47	47	



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7XL6K7	38.1	0.0	0.6	80.7	-0.3	1.0	72.2	0.5	1.1	58.6	0.4	0.2	163.1	-0.3	0.2	
8DRFGB	49.0	2.7	1.1	97.7	1.0	0.9	81.7	1.3	1.5	50.7	-0.5	2.0	250.7	1.7	0.4	
9AQ8WE	38.0	-0.1	1.8	93.7	0.7	1.5	66.4	0.1	0.4	61.2	0.7	0.3	205.5	0.7	0.2	
CAVVLU	35.3	-0.7	0.2	64.1	-1.7	0.6	57.3	-0.7	1.4	53.1	-0.2	0.8	178.9	0.1	1.5	
F68HD3	40.0	0.5		87.0	0.2	0.3	48.7	-1.4	0.4	38.0	-2.0		126.0	-1.2		
JQD8EM	38.3	0.0	0.1	83.0	-0.2	1.2	64.8	-0.1	0.5	56.9	0.2	0.3	173.4	-0.1	1.6	
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	38.2			85.0			65.6			55.0			176.2			
Median Abs Dev	1.0			6.5			7.5			4.0			21.2			
Avg Within Lab SD	1.6			3.1			1.6			2.0			2.8			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
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
TTW7PN	37.2		1.0	68.1		1.0	64.8		1.0	56.4		1.0	159.9		1.0			

NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
Grand Median				37.2			68.1			64.8			56.4			159.9		
Median Abs Dev																		
Avg Within Lab SD	0.8			0.6			1.2			0.9			3.5					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2LN38A	13.78	-1.71	3.30	5.87	-1.61	0.52	6.96	-2.08	0.41	3.73	-2.08	1.66	2.56	-1.60	1.70	
2XY86A	19.77	-0.18	0.28	8.63	-0.03	0.22	12.30	0.30	0.79	7.23	0.32	0.53	4.67	0.39	0.52	
4N4LCG	22.57	0.54	0.19	9.92	0.71	0.69	13.53	0.84	1.34	8.05	0.88	0.99	4.11	-0.14	0.29	
4ZXRY8	19.03	-0.37	0.60	9.77	0.62	0.30	10.50	-0.50	1.10	8.73	1.35	1.01	4.40	0.14	0.41	
9AQ8WE	16.07	-1.13	2.62	6.91	-1.01	1.79	9.10	-1.13	1.89	5.71	-0.73	1.44	3.35	-0.86	0.59	
9CQHQT	11.25	-2.36	0.69	11.13	1.41	0.88	12.87	0.55	0.58	8.45	1.15	0.22	5.63	1.31	0.18	
9VNH3Y	24.83	1.12	0.14	9.37	0.39	0.30	12.20	0.25	0.32	6.77	0.00	0.38	4.80	0.52	0.20	
A6CNEX	18.64	-0.47	1.57	7.89	-0.45	0.15	11.12	-0.23	1.92	8.19	0.97	1.05	3.58	-0.64	1.06	
AN287A	24.25	0.97	0.07	8.44	-0.14	0.37	10.46	-0.52	1.22	6.26	-0.35	0.09	4.19	-0.06	0.17	
CGE2KM	17.89	-0.66	0.29	6.45	-1.28	0.44	8.83	-1.25	0.05	4.90	-1.28	0.24	3.78	-0.45	0.23	
DFCQ2P	24.00	0.91		9.33	0.38	1.12	11.67	0.01	0.91	6.67	-0.07	1.05	5.00	0.71		
E6BP2Q	27.44	1.79	0.93	10.94	1.29	3.21	15.07	1.53	3.49	7.30	0.36	3.39	5.00	0.71	4.22	
FJRZ8R	18.53	-0.49	0.11	7.87	-0.47	0.11	11.33	-0.13	0.40	7.00	0.16	0.48	5.47	1.15	1.56	
FRL62T	14.33	-1.57	0.84	3.92	-2.73X	0.53	5.96	-2.52	0.23	3.93	-1.94	0.38	1.89	-2.24	0.34	
GAGXLR	15.63	-1.24	0.00	6.62	-1.18	0.00	9.08	-1.14	0.00	5.32	-0.99	0.00	3.15	-1.05	0.00	
GFK28J	24.33	0.99	0.27	7.87	-0.46	0.11	11.63	0.00	0.09	5.85	-0.63	0.07	3.89	-0.35	0.03	
K3L8NK	19.47	-0.25	0.28	8.63	-0.03	0.56	12.73	0.49	0.33	7.30	0.37	0.32	4.07	-0.17	0.31	
L4DKRP	20.46	0.00	0.14	9.26	0.33	0.27	11.87	0.10	0.24	6.88	0.08	0.30	4.57	0.31	0.28	
MGGB6G	19.61	-0.22	0.46	10.82	1.23	0.89	11.24	-0.17	0.60	6.86	0.06	1.21	3.93	-0.30	0.22	
NP96FK	20.67	0.05	0.53	8.67	-0.01	1.12	13.67	0.90	0.91	7.33	0.39	1.05	8.00	3.56X		
PFDMEG	22.61	0.55	1.49	11.57	1.66	1.30	13.18	0.69	0.34	6.66	-0.07	1.13	5.34	1.03	0.87	
QG48KD	19.80	-0.17	0.73	7.90	-0.45	1.58	10.13	-0.67	0.66	4.43	-1.60	1.65	3.73	-0.49	0.24	
QMW82U	20.65	0.05	0.17	8.69	0.01	0.27	11.26	-0.17	0.18	6.18	-0.40	0.20	4.16	-0.09	0.29	
R7LDZQ	20.69	0.06	0.44	8.59	-0.05	0.33	12.05	0.19	0.31	7.10	0.23	0.23	4.31	0.06	0.29	
TBQ22C	21.67	0.31	0.53	11.00	1.33	1.93	12.17	0.24	0.48	8.43	1.14	0.56	6.70	2.32	0.20	
V2DUA2	22.23	0.46	0.30	11.03	1.35	0.40	12.43	0.36	0.36	6.90	0.09	0.00	5.33	1.03	0.24	



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS1911				SRS1912			SRS1913			SRS1914			SRS1915			
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	
XMR4N4	19.96	-0.13	0.39	7.56	-0.64	0.24	11.02	-0.27	0.14	6.28	-0.34	0.36	4.04	-0.20	0.34	
YJ2G9L	21.67	0.31	0.47	9.25	0.33	0.58	6.96	-2.08	0.22	4.68	-1.43	0.50	4.64	0.37	0.40	
Z9Z96A	22.40	0.50	0.89	8.72	0.02	0.26	12.20	0.25	0.57	6.61	-0.11	0.25	4.46	0.20	0.19	
NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS1911		SRS1912		SRS1913		SRS1914		SRS1915								
Grand Median	20.5	8.68	11.6	6.77	4.25											
Median Abs Dev	1.9	0.81	1.1	0.57	0.50											
Avg Within Lab SD	1.1	0.52	0.6	0.55	0.49											
Labs Included	29	28	29	29	28											
Labs Reporting	29	29	29	29	29											



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

Data units: mg/kg

WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4QNZDW	109.3	0.2	2.2	52.3	-0.4	1.9	44.7	0.6	2.5	19.3	1.3	2.1	6.3	-1.6	0.5
4ZXRY8	82.0	-1.7	1.8	49.4	-0.9	1.2	41.1	-0.2	1.0	25.0	3.4X	1.9	16.7	-0.6	0.9
7XL6K7	86.6	-1.3	0.3	55.7	0.1	0.5	42.3	0.0	0.4	15.0	-0.3	1.4	27.8	0.5	0.9
94GDVB	102.0	-0.3	0.4	48.3	-1.1	0.4	42.1	0.0	0.7	13.3	-0.9	0.1	15.7	-0.7	0.2
9VNH3Y	107.3	0.1	1.3	46.1	-1.4	0.0	38.7	-0.8	0.1	15.4	-0.2	0.4	19.6	-0.3	0.1
AN287A	121.7	1.1	0.2	51.2	-0.6	0.0	41.7	-0.1	0.1	15.4	-0.2	0.4	19.4	-0.3	0.2
ARZH2A	108.7	0.2	1.0	54.0	-0.2	0.7	40.3	-0.4	1.0	17.7	0.7	0.8	27.3	0.5	1.1
CYAU6K	91.0	-1.0	0.4	59.0	0.6		46.0	0.9	1.5	15.2	-0.2	0.6	28.4	0.6	1.0
DFCQ2P	115.0	0.6	0.7	53.3	-0.3	0.4	39.3	-0.7	0.4	11.0	-1.8		31.3	0.9	0.4
DJFNCH	90.6	-1.1	0.1	57.2	0.4	0.2	40.4	-0.4	0.3	14.2	-0.6	0.1	30.8	0.8	0.3
E6BP2Q	88.7	-1.2	1.0	48.0	-1.1	1.0	40.2	-0.5	1.7	15.9	0.0	1.0	5.1	-1.7	0.7
F68HD3	100.7	-0.4	0.6	47.7	-1.2	1.1	37.0	-1.2	0.7	17.7	0.7	0.8	13.7	-0.9	0.4
FJRZ8R	104.7	-0.1	0.6	54.0	-0.2	0.7	39.7	-0.6	0.4	11.7	-1.6	1.6	28.3	0.6	1.1
GFK28J	123.0	1.2	0.3	54.0	-0.2	0.8	42.8	0.1	0.3	17.1	0.5	0.6	15.7	-0.7	0.1
J4PWAQ	99.2	-0.5	0.1	55.0	0.0	0.0	36.9	-1.2	0.0	13.6	-0.8	0.1	20.2	-0.2	0.1
KCQE3K	111.7	0.4	1.0	61.2	1.0	0.9	39.2	-0.7	0.6	18.9	1.1	0.2	21.8	0.0	0.4
LMRRUR	63.6	-2.9X	0.1	39.4	-2.5X	0.3	809.8	179.8X	913.3	0.0	-5.9X	0.0	1.7	-2.1X	0.0
MGGB6G	64.2	-2.9X	0.4	56.5	0.2	3.0	34.6	-1.8	1.8	11.2	-1.7	2.5	35.2	1.3	1.9
NBT3ZG	112.7	0.5	0.6	47.9	-1.1	0.1	44.3	0.5	0.1	15.8	0.0	0.2	25.3	0.3	0.1
NW9MW H	103.6	-0.2	2.2	66.7	1.9	0.8	47.9	1.3	2.0	17.4	0.6	0.9	37.5	1.5	0.8
PFDMEG	105.8	0.0	1.1	58.9	0.6	1.2	45.5	0.8	0.2	15.4	-0.2	1.5	34.4	1.2	0.1
QG48KD	122.5	1.1	1.0	55.2	0.0	1.0	44.4	0.5	1.1	18.2	0.9	0.1	22.3	0.0	2.1
QWWXK F	114.7	0.6	1.0	58.7	0.6	0.4	42.7	0.1	1.4	19.3	1.3	0.8	17.3	-0.5	1.1
T8RVGE	102.8	-0.2	1.6	54.3	-0.1	1.4	36.0	-1.4	0.9	14.2	-0.6	0.6	38.0	1.6	1.7
V2DUA2	92.2	-1.0	0.3	56.1	0.2	0.4	42.7	0.1	0.4	16.8	0.3	0.4	17.5	-0.5	0.0



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
XMRN8K	108.6	0.2	0.6	55.8	0.1	1.0	39.7	-0.6	0.2	19.4	1.3	1.0	14.2	-0.8	0.9	
XUAWVG	125.0	1.3	0.8	61.3	1.0	0.5	51.2	2.1	0.1	17.1	0.4	0.3	26.2	0.4	1.3	
Y4BDNB	139.3	2.3	0.5	69.7	2.3	0.4	48.3	1.5	0.4	17.3	0.5	0.8	26.7	0.4	0.4	
Z9Z96A	106.3	0.0	0.6	47.1	-1.3	1.3	43.2	0.2	0.8	15.8	0.0	0.5	21.2	-0.1	0.3	
ZHN8VE	102.0	-0.3		58.7	0.6	0.9	42.3	0.0	1.0	16.0	0.0	1.4	24.0	0.2	2.7	
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	106.1			55.0			42.1			15.9			22.3			
Median Abs Dev	6.7			3.7			2.5			1.6			5.6			
Avg Within Lab SD	2.4			1.4			1.5			0.7			1.3			
Labs Included	28			29			29			28			29			
Labs Reporting	30			30			30			30			30			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
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
C9KVQL	87.2		0.8	40.5		0.4	39.8		1.3	13.0		1.2	15.0		1.0
C9YH39	56.3		0.5	36.4		0.4	29.2		0.0	10.6		0.2	26.7		0.0
FRL62T	85.0		1.4	41.7		0.9	37.3		1.1	13.7		1.1	16.7		1.1
MZVA6R	56.3		1.1	70.8		1.7	33.4		1.0	16.6		1.2	38.1		1.4
PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	70.7			41.1			35.4			13.3			21.7		
Median Abs Dev															
Avg Within Lab SD	1.4			1.7			1.3			0.5			1.4		
Labs Included	4			4			4			4			4		
Labs Reporting	4			4			4			4			4		



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	25.3	-0.9	0.3	27.0	0.0		12.7	-1.2	0.5	5.0	-1.6		18.0	0.2		
2LN38A	23.8	-1.2	3.2	33.8	1.8	4.8	14.3	-0.4	4.2	7.4	-0.2	4.5	13.2	-1.4	3.0	
2XY86A	26.3	-0.7	0.3	28.3	0.3	0.2	15.7	0.2	0.5	8.0	0.2		16.7	-0.2	0.5	
34HUBZ	30.1	0.0	0.1	24.8	-0.6	0.2	13.1	-1.0	0.2	6.7	-0.6	0.4	18.1	0.2	0.1	
4N4LCG	31.0	0.1	0.6	26.3	-0.2	0.5	16.0	0.4		8.9	0.7	0.2	17.3	0.0	0.5	
4QNZDW	40.2	1.8	1.4	19.6	-1.9	0.7	18.0	1.4	0.8	11.2	2.1	1.1	4.6	-4.3	0.3	
7GTEK4	21.2	-1.7	1.7	21.6	-1.4	1.2	11.2	-1.9	1.3	5.9	-1.1	1.1	14.7	-0.9	1.3	
7XL6K7	25.5	-0.9	0.7	26.1	-0.2	0.2	13.6	-0.8	0.9	8.0	0.2	0.5	15.7	-0.5	0.7	
94GDVB	29.5	-0.1	0.2	23.2	-1.0	0.1	15.9	0.3	0.3	7.9	0.1	0.3	15.3	-0.7	0.2	
9VNH3Y	25.0	-1.0	0.1	28.5	0.4	0.2	14.2	-0.5	0.4	6.6	-0.7	0.3	15.4	-0.7	0.0	
ARZH2A	32.3	0.4	0.3	28.0	0.3	0.3	15.3	0.1	0.5	10.0	1.4	0.9	17.3	0.0	0.5	
C9KVQL	23.8	-1.2	0.2	25.5	-0.4	0.1	13.7	-0.7	0.2	7.8	0.0	0.2	16.4	-0.3	1.0	
C9YH39	23.1	-1.3	0.0	24.4	-0.7	0.1	16.8	0.8	0.2	7.6	-0.1	0.0	19.2	0.6	0.3	
CAVVLU	31.5	0.2	0.1	29.1	0.6	0.1	17.2	1.0	0.5	9.0	0.8	0.2	19.5	0.7	0.2	
DFCQ2P	30.7	0.1	0.7	26.7	-0.1	0.2	15.0	-0.1	0.8	7.7	0.0	1.0	18.3	0.3	1.0	
E6BP2Q	38.8	1.5	2.5	30.7	1.0	0.6	17.1	0.9	0.8	9.5	1.1	0.5	21.1	1.3	1.9	
F68HD3	32.0	0.3		23.7	-0.9	0.2	11.7	-1.7	0.5	6.0	-1.0		15.7	-0.6	0.5	
F9TU6Z	45.1	2.7X	3.1	93.5	17.3X	8.0							114.2	32.6X	2.5	
FJRZ8R	33.0	0.5	1.2	29.0	0.5		14.3	-0.4	0.5	7.7	0.0	0.5	19.0	0.6	0.9	
GFK28J	33.1	0.5	0.0	29.1	0.5	0.1	16.3	0.5	0.1	7.1	-0.4	0.0	16.2	-0.4	0.2	
H3YETY	30.3	0.0	0.1	29.7	0.7	0.2	15.0	-0.1	0.2	7.2	-0.3	0.1	20.6	1.1	0.2	
JQD8EM	30.4	0.0	0.7	25.2	-0.5	0.6	18.6	1.6	0.1	11.1	2.1	0.7	18.7	0.5	1.6	
K3L8NK	24.1	-1.1	0.3	35.1	2.1	1.1	16.5	0.6	0.6	7.0	-0.4	0.1	18.6	0.4	0.5	
KJEWMN	31.3	0.2	1.9	25.5	-0.4	1.4	13.8	-0.7	0.4	9.6	1.1	0.9	19.5	0.7	1.2	
LMRRUR	29.3	-0.2	0.5	24.4	-0.7	0.2	15.1	-0.1	0.2	9.1	0.8	0.1	17.4	0.0	0.2	
LZHQUN	34.7	0.8	0.9	29.0	0.5	0.3	16.0	0.4		10.0	1.4		20.7	1.1	1.0	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MC7E3T	26.3	-0.7	1.3	28.6	0.4	0.5	15.7	0.3	0.6	7.7	0.0	0.2	16.3	-0.4	1.0	
MZVA6R	31.8	0.3	1.3	29.6	0.7	1.7	17.0	0.9	2.3	5.4	-1.3	1.1	18.7	0.4	2.5	
NP96FK	73.0	7.8X		39.3	3.2X	1.3	51.3	17.3X	2.0	37.7	17.9X	2.0	42.0	8.3X	0.9	
PQXTD7	27.7	-0.5	0.7	24.7	-0.6	0.2	14.5	-0.3	0.7	7.4	-0.2	1.6	15.9	-0.5	1.0	
QG48KD	35.2	0.9	0.7	27.9	0.2	0.8	16.5	0.6	0.9	9.2	0.9	0.5	18.7	0.4	1.2	
QWWXK F	33.6	0.6	0.7	24.6	-0.6	0.3	16.2	0.5	0.6	7.6	-0.1	0.1	14.8	-0.8	0.4	
TTW7PN	35.8	1.0	0.3	36.2	2.4	0.3	21.8	3.2X	0.4	20.2	7.5X	0.5	14.1	-1.1	0.2	
UQKQVM	19.0	-2.1		24.2	-0.7		11.2	-1.9		4.8	-1.7		13.4	-1.3		
V2DUA2	26.5	-0.7	0.4	26.5	-0.1	0.2	13.8	-0.7	0.2	8.6	0.5	0.2	17.0	-0.1	0.1	
XMR4N4	27.3	-0.5	0.1	26.9	0.0	0.1	13.7	-0.7	0.3	7.1	-0.3	0.1	16.3	-0.4	0.5	
XMRN8K	33.2	0.5	0.3	27.3	0.1	0.2	15.8	0.3	0.4	7.6	-0.1	0.1	15.5	-0.6	0.5	
Y4BDNB	31.7	0.2	0.3	28.7	0.4	0.2	15.0	-0.1		8.7	0.6	0.5	17.3	0.0	0.5	
YJ2G9L	31.5	0.2	0.0	31.3	1.1	0.1	15.9	0.3	0.1	8.2	0.3	0.1	20.5	1.1	0.1	

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	30.4			27.0			15.2			7.70			17.3			
Median Abs Dev	3.0			2.1			1.2			0.93			1.6			
Avg Within Lab SD	1.7			2.9			1.3			1.18			1.1			
Labs Included	37			37			36			36			37			
Labs Reporting	39			39			38			38			39			



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
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
V2DUA2	5.3		1.0	42.0		1.0	2.9		1.0	1.2		1.0	26.9		1.0

PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	5.27			42.0			2.87			1.20			26.9		
Median Abs Dev															
Avg Within Lab SD	0.06			0.2			0.06			0.10			0.3		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg					
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
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
4N4LCG	72.0		0.5	51.3		1.0	33.3		1.2	10.3		0.9	30.7		1.3			
MC7E3T	68.5		1.3	45.9		1.0	30.7		0.8	9.5		1.1	24.9		0.6			
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg					
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
Grand Median	70.2			48.6			32.0			9.90			27.8					
Median Abs Dev																		
Avg Within Lab SD	2.1			1.2			1.0			0.62			0.5					
Labs Included	2			2			2			2			2					
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9VNH3Y	152.0	1.0	1.1	430.7	0.5	0.3	64.2	1.0	0.8	73.3	2.0	0.4	132.7	-0.7	0.2	
ARZH2A	133.3	0.1	0.4	420.7	0.3	0.9	59.7	0.3	0.7	56.7	0.0	0.8	145.3	0.0	0.4	
E6BP2Q	114.2	-0.7	1.9	416.9	0.2	0.5	55.6	-0.4	0.6	56.2	0.0	0.3	153.9	0.4	0.2	
FJRZ8R	127.0	-0.1	0.3	340.7	-1.8	0.2	56.3	-0.3	0.8	47.7	-1.0	0.6	106.0	-2.2		
FRL62T	90.0	-1.8	0.5	343.7	-1.7	0.3	47.7	-1.6	0.2	43.3	-1.5	0.6	144.7	-0.1	0.2	
GFK28J	138.5	0.4	0.2	403.9	-0.2	0.0	59.5	0.3	0.1	59.2	0.3	0.1	161.5	0.9	0.2	
QG48KD	141.5	0.5	0.7	400.4	-0.3	2.6	65.8	1.2	2.3	59.8	0.4	2.5	146.2	0.0	2.6	
V2DUA2	112.3	-0.8	1.5	429.2	0.5	0.2	55.4	-0.4	0.7	55.3	-0.1	0.2	166.6	1.1	0.0	

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	130.2			410.4			57.9			56.4			145.8			
Median Abs Dev	13.7			14.5			2.4			3.0			10.6			
Avg Within Lab SD	3.4			18.2			2.9			2.5			13.3			
Labs Included	8			8			8			8			8			
Labs Reporting	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		
SRS1911				SRS1912			SRS1913			SRS1914			SRS1915		
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
QMW82U	3.71		1.00	11.97		0.81	3.46		1.00	0.70		1.00	8.75		1.00
TTW7PN				0.58		1.16									
PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS1911				SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	3.71			6.27			3.46			0.70			8.75		
Median Abs Dev															
Avg Within Lab SD	0.10			0.08			0.09			0.02			0.15		
Labs Included	1			2			1			1			1		
Labs Reporting	1			2			1			1			1		



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XY86A	4.3	-0.6	0.6	622.3	-3.7X	0.1	4.3	-0.2	0.6	3.3	-1.0	1.0	20.7	3.8X	1.4	
4N4LCG	4.1	-0.7	0.2	2,533.3	-0.1	0.4	2.3	-0.4	0.4	2.0	-1.5	0.3	12.7	0.2	1.0	
4ZXRY8	8.4	1.3	0.6	319.3	-4.2X	0.2	7.1	0.1	0.3	8.6	0.6	0.9	11.2	-0.5	0.8	
69N3V2	9.6	1.8	3.5	2,561.0	0.0	0.2	10.7	0.5	1.6	8.4	0.5	1.5	12.3	0.0	0.8	
94GDVB	6.6	0.4	0.3	3,120.3	1.0	0.1	28.0	2.4	0.3	7.5	0.3	0.1	10.0	-1.0		
9VNH3Y	5.7	0.0	0.6	3,166.7	1.1	1.1	3.7	-0.3	0.6	7.7	0.3	1.0	13.3	0.5	0.5	
ARZH2A	5.2	-0.2	0.2	3,163.3	1.1	0.5	5.8	0.0	0.5	2.3	-1.4	0.3	13.7	0.7	0.3	
C9KVQL	4.2	-0.7	1.0	2,492.7	-0.2	1.2	7.8	0.2	1.3	5.4	-0.4	1.4	16.2	1.8	3.0	
CGE2KM	6.4	0.4	0.2	2,583.6	0.0	0.0	4.0	-0.2	0.3	8.9	0.7	0.6	14.9	1.2	0.2	
F68HD3	3.7	-0.9	0.6				32.7	2.9	2.4	6.7	0.0	1.0	10.0	-1.0		
F9TU6Z	139.7	62.2X	7.6	257.3	-4.4X	0.0	134.8	14.2X	8.1	132.6	39.0X	5.8	177.9	75.4X	6.3	
GFK28J	8.2	1.2	0.1	2,575.3	0.0	0.0	6.3	0.0	0.2	7.5	0.3	0.3	12.2	0.0	0.0	
K3L8NK	8.0	1.1	0.1	1,974.2	-1.1	0.2	34.1	3.1	0.2	8.7	0.6	0.1	10.8	-0.7	0.1	
MC7E3T	4.4	-0.6	0.1	2,933.3	0.7	0.2							12.8	0.2	0.2	
MGGB6G	4.4	-0.6	0.2	2,781.6	0.4	1.4	2.5	-0.4	0.2	1.7	-1.5	0.1	13.7	0.6	1.0	
QG48KD	6.3	0.3	0.6	3,801.7	2.3	2.5	8.7	0.3	2.2	6.7	0.0	1.0	10.3	-0.9	1.0	
QWWXK F	4.8	-0.4	1.5	2,109.3	-0.9	0.8	3.2	-0.3	1.1	5.6	-0.3	2.6	9.5	-1.3	1.4	
XMRN8K	5.0	-0.3	0.2	3,141.5	1.1	1.9	2.5	-0.4	0.5	1.6	-1.6	0.3	12.9	0.3	0.2	
Y4BDNB	6.0	0.2		2,266.7	-0.6	0.4	3.7	-0.3	0.6	3.7	-0.9	1.0	11.3	-0.4	0.5	
Z9Z96A	8.1	1.2	0.1	2,433.7	-0.3	0.2	6.8	0.1	0.1	7.4	0.2	0.1	10.5	-0.8	0.1	



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	5.67	2,579.5	6.06	6.67	12.3	
Median Abs Dev	1.30	333.3	2.50	1.84	1.4	
Avg Within Lab SD	0.90	137.8	0.96	0.55	1.1	
Labs Included	19	16	18	18	18	
Labs Reporting	20	19	19	19	20	



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	76.3	-0.2	0.2	535.7	0.6	0.2	129.7	0.3	0.2	85.7	0.9	0.2	144.3	0.2	0.2
2LN38A	44.1	-2.8X	15.5	724.7	5.0X	14.0	124.3	-0.2	6.2	39.4	-5.6X	13.3	152.5	0.7	5.4
34HUBZ	72.3	-0.5	0.2	521.0	0.3	0.4	111.7	-1.4	0.3	80.0	0.1		147.7	0.4	0.3
4N4LCG	57.0	-1.8	0.3	433.3	-1.7	1.5	102.0	-2.3	0.8	70.7	-1.2	0.7	113.3	-1.7	0.8
4QNZDW	88.7	0.8	1.1	438.7	-1.6	0.5	127.7	0.1	0.4	77.3	-0.3	0.6	137.7	-0.2	0.4
4ZXRY8	79.9	0.1	1.6	537.8	0.7	0.7	120.4	-0.6	0.6	73.1	-0.9	1.4	136.5	-0.3	0.2
7GTEK4	79.0	0.0	0.5	519.3	0.2	0.9	126.0	0.0	0.2	78.6	-0.1	0.5	141.7	0.0	1.2
7XL6K7	93.8	1.2	1.0	564.0	1.3	0.2	167.4	3.9X	0.2	106.0	3.7X	0.4	187.2	2.8X	0.3
94GDVB	91.3	1.0	0.5	510.5	0.0	0.1	150.3	2.3	0.1	89.7	1.4	0.2	173.4	1.9	0.1
9VNH3Y	86.3	0.6	0.8	888.0	8.8X	0.6	125.7	-0.1	0.2	72.0	-1.0	0.3	130.7	-0.7	0.2
AN287A	83.5	0.4	0.8	516.0	0.2	0.5	123.3	-0.3	0.1	78.1	-0.2	0.2	132.1	-0.6	0.0
ARZH2A	79.3	0.1	0.2	507.3	0.0	0.9	121.3	-0.5	0.4	75.0	-0.6	0.3	133.7	-0.5	0.3
C9KVQL	66.7	-1.0	1.4	515.0	0.1	1.1	121.7	-0.4	0.2	75.3	-0.6	0.7	155.3	0.8	0.4
C9YH39	67.8	-0.9	1.5	563.0	1.3	0.9	116.0	-1.0	0.5	82.1	0.4	0.0	146.0	0.3	0.6
CAVVLU	66.3	-1.0	0.7	652.7	3.3X	0.6	122.3	-0.4	0.2	78.0	-0.2		161.3	1.2	0.2
CYAU6K	79.8	0.1	0.5	567.5	1.4	0.4	135.4	0.9	0.4	85.4	0.8	0.4	146.5	0.3	0.3
DFCQ2P	78.3	0.0	1.0	463.3	-1.1	1.0	118.7	-0.7	0.4	79.7	0.0	1.2	127.3	-0.9	0.6
DH7CW2	56.4	-1.8	1.7	437.6	-1.6	1.2	114.8	-1.1	0.4	75.7	-0.5	1.1	115.9	-1.6	1.1
E6BP2Q	75.5	-0.3	0.6	490.8	-0.4	0.8	130.3	0.4	0.2	72.7	-1.0	0.9	130.5	-0.7	0.8
F68HD3	83.7	0.4	0.2	523.3	0.3	0.2	130.7	0.4	0.1	79.7	0.0	0.7	137.0	-0.3	0.1
F9TU6Z	37.8	-3.3X	0.0	584.9	1.8	1.1	115.5	-1.0	0.0	65.2	-2.0	0.0	148.2	0.4	0.0
FJRZ8R	84.2	0.5	0.9	549.3	0.9	0.2	130.3	0.4	0.5	82.2	0.4	0.5	141.7	0.0	0.8
FRL62T	74.3	-0.4	0.2	505.7	-0.1	0.6	130.0	0.3	0.1	88.3	1.2	0.4	157.0	0.9	0.1
GFK28J	90.0	0.9	1.2	494.0	-0.3	0.5	136.7	1.0	0.1	89.0	1.3		147.0	0.3	0.2
H3YETY	70.0	-0.7	1.2	424.5	-2.0	1.4	93.0	-3.1X	0.3	49.8	-4.1X	1.4	118.2	-1.4	0.2
J4PWAQ	80.9	0.2	0.0	537.7	0.7	0.0	126.6	0.0	0.0	80.2	0.1	0.0	145.0	0.2	0.0



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JQD8EM	72.2	-0.5	2.3	526.2	0.4	1.5	130.5	0.4	0.7	82.1	0.4	1.0	136.0	-0.3	0.8		
K3L8NK	70.0	-0.7	0.2	488.6	-0.5	0.2	132.3	0.6	0.1	79.2	0.0	0.3	186.2	2.7	0.1		
KCQE3K	80.9	0.2	0.4	474.6	-0.8	0.7	122.0	-0.4	0.1	75.2	-0.6	0.3	128.5	-0.8	0.3		
KJEWMN	58.6	-1.6	0.7	672.6	3.8X	1.8	116.0	-1.0	0.8	72.0	-1.0	0.9	179.5	2.3	0.6		
LMRRUR	88.6	0.8	0.4	796.0	6.6X	1.2	149.0	2.1	0.9	150.5	9.9X	4.4	134.3	-0.5	1.6		
MC7E3T				501.7	-0.2	2.1											
MGGB6G	67.6	-0.9	1.4	499.4	-0.2	1.3	119.0	-0.7	0.7	79.3	0.0	1.8	141.3	0.0	1.2		
MZVA6R	65.8	-1.1	1.2	446.2	-1.5	0.4	122.3	-0.4	0.6	82.5	0.4	0.3	160.6	1.2	0.4		
NBT3ZG	79.7	0.1	0.2	520.3	0.3	0.1	131.0	0.4	0.1	75.3	-0.6	0.4	134.3	-0.4	0.2		
NP96FK	55.7	-1.9	0.2	469.0	-0.9	0.4	113.3	-1.2	0.1	71.3	-1.1	0.7	155.3	0.8	1.3		
NW9MW H	84.9	0.5	0.6	544.4	0.8	0.5	135.0	0.8	0.5	84.7	0.7	0.4	138.0	-0.2	0.2		
PQXTD7	87.7	0.7	3.1	515.3	0.1	1.6	137.3	1.0	0.5	86.6	1.0	2.1	154.7	0.8	0.2		
QG48KD	83.0	0.4	1.8	468.3	-0.9	2.8	126.7	0.0	0.5	76.7	-0.4	1.5	136.7	-0.3	1.3		
QWXXK F	85.3	0.5	0.7	534.7	0.6	0.6	134.7	0.8	0.5	82.0	0.3	0.3	151.7	0.6	0.8		
TTW7PN	59.9	-1.5	0.2	495.5	-0.3	0.4	109.3	-1.6	0.1	70.3	-1.3	0.1	123.2	-1.1	0.6		
ULCXUJ	75.6	-0.2	0.7	496.9	-0.3	0.2	129.3	0.3	0.4	92.2	1.8	3.1	145.2	0.2	0.5		
UQKQVM	61.0	-1.4		504.0	-0.1		119.0	-0.7		83.0	0.5		137.0	-0.3			
XMR4N4	75.6	-0.2	0.3	529.4	0.5	0.6	130.2	0.4	0.1	92.5	1.8	0.2	149.3	0.5	0.4		
XMRN8K	87.7	0.7	1.1	522.7	0.3	2.7	130.7	0.4	0.1	81.3	0.3	2.9	154.7	0.8	0.4		
XUAWVG	76.0	-0.2	0.4	526.0	0.4	0.2	123.3	-0.3	0.3	74.9	-0.6	0.3	136.4	-0.3	0.1		
Y4BDNB	86.7	0.7	0.5	500.0	-0.2	0.7	132.7	0.6	0.3	77.3	-0.3	0.7	144.0	0.1	0.2		
YJ2G9L	68.9	-0.8	0.2	469.7	-0.9	0.2	121.2	-0.5	0.0	85.4	0.8	0.2	134.1	-0.5	0.1		
Z9Z96A	82.4	0.3	0.4	471.7	-0.9	0.2	131.7	0.5	0.1	82.3	0.4	0.2	135.7	-0.4	0.1		



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups

Data units: mg/kg

	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915
Grand Median	78.7	508.9	126.3	79.5	141.7
Median Abs Dev	7.2	20.4	5.0	4.2	7.6
Avg Within Lab SD	3.0	13.7	9.5	3.4	7.7
Labs Included	46	44	46	44	47
Labs Reporting	48	49	48	48	48



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	373.3	0.5	0.2	4,075.0	0.2	0.0	830.0	0.8	0.9	681.7	0.9	0.2	7,114.7	0.3	0.0
2LN38A	273.8	-0.9	2.1	3,563.7	-0.7	3.6	692.3	-0.9	4.9	2,753.4	33.4X	154.5	6,443.1	-0.4	4.0
2XY86A	313.3	-0.3	0.5	3,986.7	0.0	0.1	706.7	-0.7	0.4	613.3	-0.2	0.9	6,966.7	0.1	0.3
34HUBZ	303.7	-0.5	0.2	3,127.3	-1.5	0.2	705.7	-0.7	0.8	579.0	-0.7	0.2	5,931.3	-1.0	0.6
4N4LCG	260.0	-1.1	0.4	3,866.7	-0.2	1.4	633.3	-1.6	0.5	583.3	-0.6	1.6	7,366.7	0.5	0.5
4QNZDW	304.0	-0.5	0.3	3,094.0	-1.5	3.1	626.7	-1.7	0.3	474.7	-2.4	1.0	5,844.0	-1.1	0.4
4ZXRY8	413.7	1.0	0.3	3,984.7	0.0	0.9	799.2	0.4	1.1	669.4	0.7	1.6	6,851.7	0.0	0.9
7GTEK4	400.0	0.8	1.1	4,443.3	0.8	1.9	853.3	1.1	1.5	711.3	1.4	1.5	7,846.7	1.0	1.9
7XL6K7	327.8	-0.1	0.5	3,904.4	-0.1	0.2	2,415.5	19.7X	7.3	692.9	1.1	0.1	5,528.4	-1.4	0.4
94GDVB	454.0	1.6	0.2	4,103.0	0.2	0.1	945.0	2.1	0.2	750.7	2.0	0.1	6,945.3	0.1	0.1
9VNH3Y	400.0	0.8	0.4	4,253.3	0.5	0.9	736.7	-0.3	0.7	556.7	-1.1	0.6	6,123.3	-0.8	0.4
ARZH2A	392.3	0.7	0.5	3,691.0	-0.5	0.1	772.7	0.1	0.6	628.3	0.1	0.4	6,263.7	-0.6	0.2
C9KVQL	289.3	-0.7	0.6	3,472.3	-0.9	0.4	716.7	-0.6	0.9	557.7	-1.1	0.6	6,142.0	-0.7	0.4
C9YH39	196.4	-1.9	0.6	2,529.7	-2.5	0.3	470.3	-3.5X	0.7	456.2	-2.6	0.3	4,379.4	-2.6	0.1
CAVVLU	287.3	-0.7	0.6	3,835.3	-0.2	0.9	708.3	-0.7	0.3	588.3	-0.6	0.5	6,561.3	-0.3	0.2
CYAU6K	330.2	-0.1	0.1	4,472.7	0.9	0.2	841.0	0.9	0.1	645.3	0.3	0.4	6,898.8	0.0	0.2
DFCQ2P	338.0	0.0	0.6	3,378.7	-1.0	0.5	718.3	-0.6	0.4	610.7	-0.2	1.4	5,493.7	-1.4	0.5
DH7CW2	269.6	-0.9	1.3	3,670.5	-0.5	1.9	658.0	-1.3	1.3	519.6	-1.7	2.3	6,612.1	-0.3	1.8
E6BP2Q	371.0	0.4	1.2	4,114.0	0.2	0.6	864.3	1.2	0.5	661.6	0.6	0.7	7,139.8	0.3	0.2
F68HD3	435.7	1.3	0.1	3,742.0	-0.4	0.0	755.3	-0.1	0.2	589.3	-0.6	0.4	6,766.0	-0.1	0.0
F9TU6Z	393.3	0.7	4.7	5,229.3	2.2	0.5	791.8	0.3	0.4	839.7	3.4X	2.3	11,547.1	4.9X	0.7
FJRZ8R	359.3	0.3	0.4	4,202.3	0.4	0.1	776.3	0.1	0.7	633.0	0.1	0.5	7,148.3	0.3	0.5
FRL62T	346.7	0.1	0.1	4,809.7	1.5	1.0	770.0	0.1	0.5	634.3	0.2	0.3	9,674.7	3.0X	0.7
GFK28J	432.7	1.3	0.0	4,091.7	0.2	0.0	777.7	0.1	0.1	646.3	0.3	0.0	7,343.7	0.5	0.0
JQD8EM	302.9	-0.5	0.4	3,708.0	-0.5	0.6	740.8	-0.3	0.2	602.0	-0.4	0.6	5,979.7	-0.9	0.5
K3L8NK	281.9	-0.8	0.3	4,409.8	0.8	0.4	811.0	0.5	0.2	624.2	0.0	0.3	7,573.6	0.8	0.3



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KCQE3K	413.6	1.0	0.1	3,881.7	-0.2	0.1	821.8	0.7	0.1	647.3	0.4	0.0	6,564.8	-0.3	0.1	
KJEWMN	330.2	-0.1	0.8	3,201.2	-1.4	0.3	737.2	-0.3	0.6	608.5	-0.3	0.7	6,200.2	-0.7	1.4	
LMRRUR	414.1	1.0	0.2	5,238.0	2.2	0.3	955.9	2.3	0.8	868.7	3.8X	1.1	2,682.7	-4.4X	0.3	
MC7E3T	338.3	0.0	1.0	4,402.0	0.7	1.3	759.3	-0.1	1.0	692.7	1.1	2.9	8,416.7	1.6	1.0	
MGGB6G	343.3	0.1	0.6	4,260.1	0.5	0.9	806.0	0.5	0.9	726.0	1.6	0.2	7,308.2	0.5	1.5	
MZVA6R	271.3	-0.9	0.5	4,422.8	0.8	0.5	730.9	-0.4	0.7	624.7	0.0	0.5	7,706.6	0.9	0.1	
NBT3ZG	366.7	0.4	0.1	4,215.0	0.4	0.0	851.3	1.0	0.0	649.7	0.4	0.1	7,606.0	0.8	0.0	
NP96FK	320.7	-0.2	1.5	4,206.7	0.4	0.3	721.3	-0.5	0.1	619.7	-0.1	0.3	7,630.0	0.8	2.6	
NW9MW H	334.5	0.0	0.1	4,101.1	0.2	0.2	834.0	0.8	0.2	627.0	0.0	0.5	6,148.4	-0.7	0.3	
PQXTD7	369.4	0.4	0.3	3,906.7	-0.1	0.2	775.8	0.1	0.1	632.7	0.1	0.8	6,869.6	0.0	0.6	
QG48KD	400.7	0.8	2.1	3,967.3	0.0	1.6	760.7	-0.1	1.3	608.7	-0.3	1.6	7,461.7	0.6	1.6	
QWWXK F	361.9	0.3	1.4	3,696.2	-0.5	0.5	678.9	-1.0	1.9	592.8	-0.5	1.1	6,724.4	-0.1	0.7	
TTW7PN	279.2	-0.8	0.2	2,552.8	-2.5	0.2	727.7	-0.5	0.3	600.0	-0.4	0.2	5,934.1	-1.0	0.1	
ULCXUJ	331.9	-0.1	0.8	3,695.3	-0.5	0.5	776.0	0.1	0.3	658.5	0.5	1.2	6,279.5	-0.6	0.0	
XMR4N4	274.3	-0.9	0.3	3,750.7	-0.4	0.2	684.0	-1.0	0.1	563.8	-1.0	0.2	6,406.1	-0.5	0.2	
XMRN8K	383.8	0.6	0.2	4,393.0	0.7	1.6	812.7	0.6	0.4	654.6	0.5	2.7	7,888.9	1.1	0.2	
XUAWVG	324.2	-0.2	0.2	4,143.8	0.3	0.3	745.7	-0.2	0.5	581.6	-0.7	0.4	6,806.9	0.0	0.3	
Y4BDNB	458.3	1.6	0.6	3,970.0	0.0	0.3	866.7	1.2	0.9	646.7	0.3	0.2	7,633.3	0.8	0.7	
YJ2G9L	226.5	-1.5	0.1	4,371.7	0.7	0.1	680.5	-1.0	0.2	583.5	-0.6	0.1	9,037.2	2.3	0.3	
Z9Z96A	438.0	1.4	0.1	3,941.0	-0.1	0.4	774.0	0.1	0.1	671.2	0.7	0.8	6,918.3	0.1	0.3	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	338.2	3,977.3	765.3	624.7	6,851.7	
Median Abs Dev	49.8	278.6	47.2	33.7	588.0	
Avg Within Lab SD	23.6	177.9	30.8	24.6	280.6	
Labs Included	46	46	44	43	43	
Labs Reporting	46	46	46	46	46	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	73.3	1.1	1.4	2,465.7	-0.6	0.4	205.3	0.8	0.6	170.3	1.3	0.1	472.3	0.7	0.3	
2LN38A	58.2	-0.1	1.6	3,302.3	1.3	3.7	218.7	1.3	5.1	182.5	2.0	4.0	575.8	3.1X	7.6	
2XY86A	66.3	0.5	0.3	2,600.0	-0.3	0.6	199.3	0.6	0.1	165.3	1.0	0.3	475.0	0.8	1.4	
34HUBZ	62.7	0.3	0.2	2,444.3	-0.6	0.1	183.3	-0.1	0.5	145.7	-0.1	0.6	417.0	-0.6	0.5	
4N4LCG	38.7	-1.6	0.2	2,466.7	-0.6	1.3	136.7	-1.9	0.7	123.3	-1.3	0.8	350.0	-2.2	1.5	
4QNZDW	48.3	-0.8	0.8	2,233.3	-1.1	1.1	152.0	-1.3	0.2	114.0	-1.9	0.5	372.7	-1.7	0.5	
4ZXRY8	58.9	0.0	1.4	2,570.7	-0.3	1.2	185.5	0.0	0.6	147.1	0.0	0.7	448.9	0.1	1.0	
7GTEK4	62.5	0.2	1.1	2,623.3	-0.2	1.0	203.3	0.7	0.4	162.3	0.9	0.6	470.3	0.7	1.6	
7XL6K7	143.8	6.5X	2.6	803.5	-4.3X	0.0	555.7	14.8X	1.4	504.0	20.3X	0.1	686.3	5.8X	0.5	
94GDVB	70.7	0.9	0.2	3,319.3	1.3	0.0	240.7	2.2	0.1	179.0	1.8	0.5	482.3	0.9	0.6	
9VNH3Y	65.3	0.5	0.2	4,548.0	4.1X	0.2	182.0	-0.1	0.2	126.7	-1.2	0.2	398.0	-1.1	0.9	
ARZH2A	68.0	0.7	0.5	2,625.3	-0.2	0.6	199.3	0.6	1.1	157.3	0.6	0.3	440.3	-0.1	0.9	
C9KVQL	46.3	-1.0	1.0	2,560.7	-0.4	0.7	169.3	-0.6	0.7	123.0	-1.4	0.9	415.7	-0.6	1.3	
C9YH39	51.8	-0.6	1.7	2,948.4	0.5	0.3	183.1	-0.1	1.4	168.9	1.2	0.7	518.4	1.8	1.1	
CAVVLU	42.0	-1.3	0.3	2,740.0	0.0	0.6	164.0	-0.9	0.6	125.3	-1.2	0.9	432.3	-0.2	0.6	
CYAU6K	65.1	0.5	0.7	3,397.2	1.5	0.8	209.0	0.9	0.2	162.1	0.9	0.6	502.0	1.4	0.3	
DFCQ2P	62.0	0.2	0.7	2,359.3	-0.8	0.7	188.3	0.1	0.7	149.3	0.1	1.0	415.0	-0.7	1.1	
DH7CW2	45.1	-1.1	1.4	2,512.8	-0.5	1.4	184.0	-0.1	1.4	137.4	-0.6	1.6	428.8	-0.3	2.3	
E6BP2Q	72.5	1.0	0.7	2,501.4	-0.5	0.5	238.3	2.1	0.7	158.3	0.6	0.4	450.1	0.2	0.9	
F68HD3	55.3	-0.3	1.0	2,168.3	-1.3	0.0	208.7	0.9	0.4	132.0	-0.9	0.6	410.7	-0.8	0.1	
F9TU6Z	47.7	-0.9	0.6	1,992.9	-1.6	0.7	153.9	-1.3	0.1	134.0	-0.7	0.3	441.6	0.0	0.6	
FJRZ8R	69.2	0.8	0.4	3,117.7	0.9	0.1	203.7	0.7	0.1	156.7	0.5	0.3	477.0	0.8	0.8	
FRL62T	55.7	-0.3	0.4	2,632.7	-0.2	0.2	190.0	0.2	0.3	156.0	0.5	0.4	480.7	0.9	0.7	
GFK28J	64.5	0.4	0.3	2,419.3	-0.7	0.1	173.5	-0.5	0.1	141.5	-0.3	0.1	438.3	-0.1	0.6	
JQD8EM	50.4	-0.7	3.6	2,801.0	0.2	0.5	191.6	0.2	1.6	173.4	1.5	0.5	425.4	-0.4	2.0	
K3L8NK	42.1	-1.3	0.1	1,707.2	-2.3	0.0	246.6	2.4	0.5	148.1	0.1	0.3	479.9	0.9	0.1	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KCQE3K	70.8	0.9	0.1	2,734.3	0.0	0.3	200.8	0.6	0.4	158.6	0.7	0.2	419.8	-0.5	0.3	
KJEWMN	61.9	0.2	0.9	2,809.1	0.2	2.7	185.4	0.0	0.4	143.5	-0.2	0.5	482.0	0.9	1.7	
LMRRUR	73.7	1.1	0.3	3,360.3	1.4	0.3	221.1	1.4	0.3	205.2	3.3X	0.3	330.9	-2.6	0.4	
MC7E3T				3,082.3	0.8	0.5	184.7	0.0	0.7	159.3	0.7	1.8	515.3	1.7	1.5	
MGGB6G	49.1	-0.8	1.3	2,814.3	0.2	1.1	174.7	-0.4	1.2	149.3	0.1	1.5	441.2	0.0	1.5	
MZVA6R	50.8	-0.7	0.4	2,126.5	-1.3	0.2	184.1	0.0	0.2	159.4	0.7	0.2	469.6	0.6	0.4	
NBT3ZG	58.3	-0.1	0.2	3,123.0	0.9	0.1	195.3	0.4	0.2	147.0	0.0	0.1	463.3	0.5	0.2	
NP96FK	44.0	-1.2	0.3	2,626.7	-0.2	0.1	166.7	-0.7	0.5	137.3	-0.6	0.2	443.7	0.0	1.0	
NW9MW H	63.7	0.3	0.9	2,759.4	0.1	0.1	192.4	0.3	0.3	145.6	-0.1	0.7	447.6	0.1	1.0	
PQXTD7	60.0	0.1	0.2	2,772.3	0.1	0.7	196.0	0.4	0.3	154.8	0.4	0.6	456.4	0.3	0.8	
QG48KD	63.3	0.3	1.9	3,786.7	2.4	2.9	185.0	0.0	0.5	138.0	-0.5	1.3	415.7	-0.6	2.3	
QWWXK F	63.6	0.3	0.7	3,269.8	1.2	0.5	187.4	0.1	1.0	150.1	0.2	0.9	438.2	-0.1	0.5	
TTW7PN	35.1	-1.9	0.3	2,715.5	0.0	0.6	134.0	-2.1	0.3	141.0	-0.3	0.4	423.7	-0.4	0.5	
ULCXUJ	56.9	-0.2	2.1	2,547.7	-0.4	0.0	174.0	-0.5	1.7	141.9	-0.3	2.2	393.5	-1.2	0.3	
XMR4N4	45.0	-1.1	0.0	2,756.7	0.1	0.2	171.6	-0.6	0.1	134.6	-0.7	0.4	430.3	-0.3	0.2	
XMRN8K	59.7	0.0	0.7	2,769.8	0.1	0.4	185.1	0.0	0.3	146.1	-0.1	2.1	457.3	0.3	0.7	
XUAWVG	56.8	-0.2	0.3	3,068.2	0.8	0.3	182.4	-0.1	0.3	141.2	-0.3	0.2	441.4	0.0	0.2	
Y4BDNB	75.7	1.3	0.3	2,766.7	0.1	0.3	208.3	0.9	0.3	153.3	0.4	0.4	463.3	0.5	0.3	
YJ2G9L	42.4	-1.3	0.1	2,893.9	0.4	0.2	169.6	-0.6	0.2	146.1	-0.1	0.0	471.9	0.7	0.4	
Z9Z96A	68.9	0.7	0.2	2,319.3	-0.9	0.3	177.3	-0.3	0.3	133.9	-0.7	0.4	447.7	0.1	0.3	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	59.3	2,724.9	185.4	147.1	442.7	
Median Abs Dev	8.6	223.5	13.8	10.0	26.3	
Avg Within Lab SD	3.6	114.4	8.8	7.5	11.3	
Labs Included	44	44	45	44	44	
Labs Reporting	45	46	46	46	46	



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	15.3	0.2	0.3	2,401.3	-0.1	0.2	20.7	0.1	0.5	17.7	-0.2	0.2	10.3	-0.1	0.2		
2LN38A	1,647.3	254.9X	519.0	4,914.0	9.0X	15.3	2,058.8	202.3X	639.0	2,277.8	183.9X	431.2	2,329.8	171.7X	485.3		
2XY86A	13.0	-0.2	0.5	3,170.0	2.7	0.2	20.7	0.1	0.3	19.7	0.0	0.5	13.7	0.1	0.2		
34HUBZ	6.0	-1.3	0.5	2,425.7	0.0	0.2	12.0	-0.8	0.5	7.3	-1.0	0.2	6.3	-0.4	0.2		
4N4LCG	9.4	-0.8	0.3	2,200.0	-0.9	1.7	14.3	-0.6	0.3	15.3	-0.4	0.2	7.7	-0.3	0.1		
4QNZDW	8.2	-1.0	0.1	703.3	-6.3X	0.1	10.3	-1.0	0.3	9.0	-0.9	0.2	9.0	-0.2	0.3		
4ZXRY8	11.1	-0.5	0.4	2,415.0	-0.1	2.2	19.9	0.0	0.9	15.5	-0.3	0.3	15.1	0.2	0.2		
7GTEK4	12.8	-0.2	1.2	2,516.7	0.3	1.1	17.4	-0.3	1.3	17.3	-0.2	0.8	11.0	-0.1	0.7		
94GDVB	14.5	0.0	0.3	2,495.3	0.2	0.1	18.2	-0.2	0.1	18.7	-0.1	0.0	9.9	-0.2	0.1		
9VNH3Y	17.7	0.5	0.6	3,954.0	5.5X	0.4	20.0	0.0	0.5	16.3	-0.3	0.2	14.3	0.2	0.2		
ARZH2A	14.7	0.1	0.5	2,542.0	0.4	0.8	24.5	0.4	0.3	20.1	0.0	0.5	13.3	0.1	0.4		
C9KVQL	11.3	-0.5	0.3	2,399.0	-0.1	0.7	17.3	-0.3	0.3	17.0	-0.2		12.0	0.0	0.3		
C9YH39	9.2	-0.8	0.0	2,487.5	0.2	0.2	6.9	-1.3	1.0	7.7	-1.0	0.4	2.3	-0.7	0.0		
CAVVLU	8.3	-0.9	0.3	2,664.0	0.8	0.4	13.7	-0.6	0.3	14.0	-0.5	0.3	7.7	-0.3	0.4		
CYAU6K	14.6	0.0	0.1	2,925.7	1.8	0.8	22.7	0.2	0.4	23.4	0.3	0.1	12.7	0.1	0.1		
DFCQ2P	14.3	0.0	0.3	2,316.0	-0.4	1.1	20.0	0.0	0.5	18.7	-0.1	0.5	10.3	-0.1	0.2		
DH7CW2	47.3	5.1X	1.7	2,987.7	2.0	0.1	62.6	4.2	1.5	47.3	2.2	2.4	36.2	1.8	1.3		
E6BP2Q	18.5	0.6	1.5	2,665.3	0.8	1.9	31.3	1.1	4.2	20.2	0.0	0.6	9.8	-0.2	0.4		
F9TU6Z	25.2	1.7	0.0	2,232.4	-0.7	1.5	25.7	0.5	0.0	26.1	0.5	0.0	107.8	7.1	0.0		
FJRZ8R	15.4	0.2	0.9	2,917.7	1.7	0.5	23.5	0.3	0.4	21.4	0.1	0.0	14.7	0.2	0.2		
FRL62T	31.3	2.7	0.3	2,237.7	-0.7	0.7	35.7	1.5	0.5	35.7	1.3	0.2	29.3	1.3	0.2		
GFK28J	16.0	0.3	0.1	2,302.0	-0.5	1.5	20.3	0.0	0.2	20.1	0.0	0.2	12.4	0.0	0.0		
JQD8EM	16.2	0.3	0.4	2,543.7	0.4	1.1	24.1	0.4	1.3	23.9	0.3	0.8	17.0	0.4	0.6		
K3L8NK	12.0	-0.4	0.1	1,959.9	-1.7	0.1	49.9	3.0	0.1	18.5	-0.1	0.1	11.7	0.0	0.1		
KJEWMN	17.7	0.5	0.6	2,353.2	-0.3	2.7	23.8	0.4	0.5	23.9	0.3	0.5	25.0	1.0	0.7		
LMRRUR	22.7	1.3	0.3	2,820.0	1.4	0.6	112.2	9.1X	2.3	282.2	21.4X	0.3	260.4	18.4X	0.5		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MC7E3T				2,498.3	0.2	0.8									
MGGB6G	8.2	-1.0	0.4	2,449.7	0.0	0.6	14.8	-0.5	0.7	14.9	-0.4	0.6	8.0	-0.3	0.5
MZVA6R	15.9	0.2	0.7	1,240.2	-4.4X	0.2	17.9	-0.2	1.0	20.3	0.0	0.9	18.8	0.5	0.5
NP96FK	24.7	1.6	0.3	2,506.7	0.2	0.4	37.7	1.7	0.3	36.0	1.3	0.4	38.0	1.9	
NW9MW H	14.4	0.0	0.1	2,324.1	-0.4	0.2	22.8	0.3	0.1	21.6	0.2	0.5	12.2	0.0	0.1
PQXTD7	46.9	5.1X	4.3	2,540.0	0.4	0.8	136.0	11.5X	1.3	136.0	9.5	4.8	82.2	5.2	5.4
QG48KD	11.3	-0.5	1.2	3,298.3	3.1	2.2	20.3	0.0	2.6	15.7	-0.3	0.4	9.0	-0.2	0.9
QWWXK F	9.8	-0.7	0.4	2,824.2	1.4	0.3	16.2	-0.4	0.2	14.1	-0.5	0.6	7.9	-0.3	0.4
TTW7PN	12.7	-0.3	0.1	2,426.5	0.0	0.2	19.3	-0.1	0.2	20.6	0.1	0.1	8.3	-0.3	0.1
ULCXUJ	33.7	3.0	5.3	2,323.5	-0.4	0.0	32.4	1.2	1.0	32.1	1.0	1.6	24.6	0.9	1.6
XMR4N4	7.5	-1.1	0.0	2,413.8	-0.1	0.2	14.3	-0.6	0.6	14.7	-0.4	0.2	5.3	-0.5	0.2
XMRN8K	19.2	0.8	0.8	2,452.7	0.1	0.1	22.6	0.2	0.5	22.5	0.2	0.7	13.6	0.1	0.3
XUAWVG	13.7	-0.1	0.2	2,371.8	-0.2	1.1	18.2	-0.2	0.3	19.7	0.0	0.1	10.8	-0.1	0.1
Y4BDNB	16.7	0.4	0.3	2,391.7	-0.2	0.2	30.3	1.0	0.3	23.3	0.3	0.4	21.0	0.7	0.3
YJ2G9L	9.0	-0.8	0.1	2,406.8	-0.1	0.1	2.5	-1.8	0.0	1.6	-1.5	0.0	11.5	0.0	0.0
Z9Z96A	12.4	-0.3	0.3	2,373.0	-0.2	0.7	19.9	0.0	0.4	17.3	-0.2	0.1	9.9	-0.2	0.1

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	14.3			2,438.1			20.2			19.7			12.0		
Median Abs Dev	3.1			102.9			3.8			3.8			3.0		
Avg Within Lab SD	1.9			101.6			2.2			3.2			3.1		
Labs Included	38			38			38			39			39		
Labs Reporting	41			42			41			41			41		



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
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
DJFNCH	66.3		0.4	328.1		0.4	94.9		0.1	56.9		0.5	81.4		0.4
Z9Z96A	75.6		1.4	282.2		1.4	114.0		1.4	101.3		1.3	88.1		1.4
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	71.0			305.1			104.5			79.1			84.8		
Median Abs Dev															
Avg Within Lab SD	0.5			2.4			1.7			1.0			1.0		
Labs Included	2			2			2			2			2		
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	68.0		0.4	323.3		0.4	90.3		0.6	61.7		1.3	98.3		0.4
PQXTD7	67.4		1.4	325.8		1.7	92.2		1.0	53.3		0.5	87.6		1.4
V2DUA2	74.7		1.0	313.3		0.1	93.0		1.3	70.0		1.0	95.0		1.0
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	68.0			323.3			92.2			61.7			95.0		
Median Abs Dev															
Avg Within Lab SD	2.4			9.0			2.0			1.8			2.8		
Labs Included	3			3			3			3			3		
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
A6CNEX	1.23		0.37				52.32		0.34		7.84		1.32			
E6BP2Q	1.58		1.69	0.24		1.41	58.65		1.70		6.66		1.12	0.28	1.41	
TF6KJT	0.11		0.00	0.04		0.00	1.13		0.01		0.25		0.02	0.08	0.08	

Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	1.23			0.14			52.3			6.66			0.18			
Median Abs Dev																
Avg Within Lab SD	0.35			0.08			1.8			0.31			0.08			
Labs Included	3			2			3			3			2			
Labs Reporting	3			2			3			3			2			



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
69N3V2	63.6		1.6	174.2		0.8	39.9		1.5	44.8		1.8	33.7		0.9
7RVUB9	52.5			162.8		0.8	31.5		1.2	36.0		0.3	35.0		0.6
A6CNEX	48.1		0.5	221.8		1.0	32.1		0.7	41.7		0.8	40.4		1.4
NWT9MM	46.0		0.1	153.2		1.3	32.4		0.3	36.8		0.0	38.2		0.9

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Grand Median		50.3			168.5			32.3			39.2			36.6
Median Abs Dev															
Avg Within Lab SD		3.3			4.7			1.8			2.2			1.2	
Labs Included		4			4			4			4			4	
Labs Reporting		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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
69N3V2	79.8		1.5	233.8		1.7	87.5		1.3	59.3		1.8	48.0		1.8
7RVUB9	74.5		0.2	221.5		0.3	79.3		1.0	54.3		0.1	45.5		0.6
A6CNEX	66.2		1.2	233.2		0.8	75.1		1.0	52.0		0.8	42.8		0.1
NWT9MM	65.3		0.5	208.8		0.5	76.7		0.4	56.1		0.1	43.5		0.7
Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	70.3			227.4			78.0			55.2			44.5		
Median Abs Dev															
Avg Within Lab SD	3.1			4.6			1.8			2.5			2.5		
Labs Included	4			4			4			4			4		
Labs Reporting	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		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
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
69N3V2	541.3		1.6	2,902.8		1.5	787.3		1.8	885.7		0.4	5,748.4		0.7
7RVUB9	417.3		0.1	2,575.0		0.1	598.8		0.6	698.3		0.0	4,770.5		1.5
A6CNEX	410.3		1.1	2,734.4		0.6	646.1		0.6	771.0		0.2	4,999.5		
NWT9MM	440.7		0.3	2,857.8		1.3	684.5		0.5	602.2		2.0	4,365.6		0.4
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	429.0			2,796.1			665.3			734.6			4,885.0		
Median Abs Dev															
Avg Within Lab SD	21.7			64.7			21.3			206.6			344.2		
Labs Included	4			4			4			4			4		
Labs Reporting	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		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
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
69N3V2	70.1		1.4	2,480.1		0.5	181.6		1.7	157.0		0.9	340.8		0.7
7RVUB9	72.8		0.4	2,978.5			179.3		0.5	170.0		0.1	331.3		1.6
A6CNEX	63.8		1.4	4,507.4		1.6	193.1		0.8	178.1		1.7	441.7		0.3
NWT9MM	63.8		0.1	2,472.1		0.5	174.0		0.0	160.3		0.4	283.1		0.8
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	67.0			2,729.3			180.4			165.2			336.0		
Median Abs Dev															
Avg Within Lab SD	2.6			62.5			7.2			6.2			14.9		
Labs Included	4			4			4			4			4		
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
69N3V2	24.7		1.9	21.5		1.5	59.9		1.7	16.8		1.9	2.6		0.6	
7RVUB9	20.8		0.2	17.5			51.8		0.7	13.3		0.4	2.8		1.8	
A6CNEX	20.4		0.7	23.6		0.8	50.4		0.7	14.9		0.6	3.3		0.3	
NWT9MM	17.8		0.1	22.8		0.3	51.3		0.1	15.9		0.1	2.7		0.4	
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	20.6			22.2			51.5			15.4			2.75			
Median Abs Dev																
Avg Within Lab SD	1.4			0.6			1.5			1.0			0.58			
Labs Included	4			4			4			4			4			
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
69N3V2	3.17		1.50	0.42		0.47	0.34		1.90	0.67		1.71	0.08			
7RVUB9	2.38		0.64	0.53		0.48	0.35		0.00	0.63		0.74	0.33		1.41	
A6CNEX	2.71		0.83	0.80		0.40	0.27		0.56	0.61		0.73				
NWT9MM	2.62		0.81	2.62		1.84	0.38		0.26	0.68		0.05	0.06		0.07	
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	2.66			0.66			0.34			0.65			0.078			
Median Abs Dev																
Avg Within Lab SD	0.17			0.07			0.03			0.05			0.075			
Labs Included	4			4			4			4			3			
Labs Reporting	4			4			4			4			3			



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
69N3V2	1.57	1.06	0.58	1.30	0.99	1.09	1.42	1.87	0.12	1.19	0.96	1.86	1.25	0.65	1.56
8DRFGB	1.26	-1.10	0.21	1.11	-0.95	0.42	1.15	-0.81	0.10	1.09	-0.48	0.38	1.11	-0.94	0.00
9AQ8WE	1.49	0.47	0.96	1.23	0.20	0.83	1.24	0.14	0.58	1.14	0.24	1.00	1.21	0.18	1.22
FJRZ8R	1.45	0.18	0.40	1.28	0.78	0.43	1.25	0.19	0.04	1.16	0.41	0.40	1.23	0.39	0.74
GFK28J	1.50	0.51	0.24	1.20	-0.06	0.22	1.26	0.31	0.01	1.15	0.28	0.61	1.19	-0.03	0.47
LZHQUN	1.44	0.15	0.21	1.28	0.71	0.42	1.27	0.41	0.00	1.15	0.29	0.38	1.20	0.03	0.41
NWT9MM	1.33	-0.62	0.21	1.20	-0.03	2.32	1.16	-0.68	0.44	1.11	-0.24	1.13	1.12	-0.83	1.86
QMW82U	1.40	-0.15	0.39	1.21	0.03	1.07	1.21	-0.14	0.27	1.10	-0.35	1.54	1.20	0.07	0.83
R7LDZQ	1.21	-1.45	0.21	1.09	-1.22	0.42	1.09	-1.40	0.19	1.05	-1.11	0.65	1.05	-1.61	0.70
VCX42F	2.01	4.06X	17.98	2.07	8.80X	3.15	2.16	9.20X	2.21	1.89	11.09X	2.00	1.90	7.94X	9.15
VYU8VF	1.27	-1.05	2.86	1.03	-1.75	0.90	1.15	-0.80	3.05	0.96	-2.37	0.80	1.01	-2.02	0.71

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups					Data units: g/cm3	
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	1.42	1.21	1.23	1.13	1.19	
Median Abs Dev	0.08	0.07	0.06	0.03	0.05	
Avg Within Lab SD	0.03	0.01	0.06	0.02	0.01	
Labs Included	10	10	10	10	10	
Labs Reporting	11	11	11	11	11	



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ZXRY8	88.8	-1.3	1.6	78.0	1.1	1.4	41.2	1.5	1.1	23.5	4.5X	2.4	46.9	0.3	1.5	
9VNH3Y	105.7	0.1	0.7	77.7	0.9	0.8	39.7	-0.2	0.7	20.3	0.5	0.8	47.7	0.6	0.7	
ARZH2A	104.0	0.0	0.9	76.0	0.3	0.6	40.0	0.2	0.5	20.7	0.9	0.8	46.3	0.0	0.3	
C926H2	100.6	-0.3	1.4	382.1	115.1X	8.6	39.3	-0.6	1.7	20.3	0.5	1.7	44.5	-0.9	1.6	
E6BP2Q	105.2	0.1	0.5	72.8	-0.9	1.1	40.9	1.1	1.0	19.6	-0.5	1.0	44.5	-0.9	0.7	
GFK28J	128.2	2.1	0.1	73.8	-0.5	0.0	47.4	8.1X	0.2	19.2	-0.9	0.4	47.1	0.4	0.4	
ZHN8VE	96.0	-0.7		74.3	-0.3	1.3	39.3	-0.5	0.3	19.3	-0.8	0.8	43.0	-1.6	1.0	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	104.0			75.2			39.8			19.9			46.3			
Median Abs Dev	3.4			1.9			0.5			0.5			1.3			
Avg Within Lab SD	4.6			1.8			2.2			0.7			1.7			
Labs Included	7			6			6			6			7			
Labs Reporting	7			7			7			7			7			



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49RXR9	119.0	-1.0		86.0	0.4		52.0	0.0		19.0	-0.9		48.0	-1.0		
4QNZDW	134.3	-0.1	1.7	80.7	-0.3	2.4	48.8	-0.5	1.9	20.3	-0.4	2.7	54.2	0.5	1.2	
8DRFGB	140.3	0.3	0.6	86.3	0.5	0.2	53.7	0.3	0.3	23.0	0.6		57.0	1.2	0.4	
9AQ8WE	148.7	0.8	0.3	92.3	1.3	1.1	58.3	1.1	1.1	21.0	-0.2	0.7	57.8	1.4	1.4	
9CQHQT	154.5	1.1	2.1	72.1	-1.5	3.4	47.1	-0.8	1.1	21.5	0.0	2.6	49.9	-0.6	0.3	
AN287A	158.7	1.3	0.5	86.9	0.6	0.3	54.3	0.4	0.2	23.7	0.9	0.9	56.1	1.0	0.6	
ARZH2A	137.0	0.1	1.3	80.0	-0.4	0.4	51.3	-0.1	0.9	21.3	0.0	1.6	52.0	0.0	0.4	
CGE2KM	133.3	-0.1	1.6	84.0	0.2	0.3	52.7	0.1	2.5	13.2	-3.2X	0.6	52.5	0.1	0.6	
CYAU6K	146.5	0.6	0.5	77.8	-0.7	0.2	50.1	-0.3	0.9	24.1	1.0	0.4	52.1	0.0	0.5	
DH7CW2	106.7	-1.7	0.4	72.4	-1.5	1.5	43.3	-1.5	0.6	16.1	-2.0	0.7	45.6	-1.6	1.0	
DJFNCH	131.8	-0.2	0.5	83.0	0.0	0.2	47.3	-0.8	0.4	19.0	-0.9	0.1	53.9	0.4	0.1	
FJRZ8R	148.0	0.7	0.3	86.1	0.5	0.2	54.1	0.4	0.6	22.8	0.5	0.2	54.3	0.5	0.4	
FRL62T	131.3	-0.3	0.8	107.7	3.5X	1.6	45.3	-1.1	2.2	22.0	0.2	1.1	49.3	-0.7	1.1	
G7HJY2	122.3	-0.8	0.8	76.0	-1.0	0.7	47.7	-0.7	1.2	23.0	0.6	1.1	53.3	0.3	0.2	
GAGXLR	130.1	-0.3	0.0	82.9	0.0	0.0	51.0	-0.2		24.2	1.1	0.0	51.8	-0.1	0.0	
GFK28J	145.7	0.6	0.2	83.9	0.1	0.0	53.8	0.3	0.2	21.9	0.2	0.3	53.5	0.3	0.3	
J4PWAQ	127.7	-0.5	0.0	82.1	-0.1	0.0	46.5	-0.9	0.0	22.4	0.4	0.0	50.9	-0.3	0.0	
KYMVRL	150.3	0.9	0.4	91.7	1.2	1.5	63.7	2.0	1.3	20.3	-0.4	0.6	66.7	3.6X	0.5	
L4DKRP	111.6	-1.4	1.2	76.7	-0.9	1.7	49.2	-0.5	0.7	20.2	-0.5	0.5	48.1	-1.0	0.5	
LZHQUN	123.3	-0.7	0.2	84.7	0.3	0.2	52.7	0.1	0.3	21.3	0.0	0.6	52.3	0.1	0.2	
NBT3ZG	135.7	0.0	0.2	81.8	-0.2	0.1	54.7	0.5	0.3	20.8	-0.2	0.4	52.6	0.1	0.1	
NW9MW H	145.2	0.6	0.2	82.5	-0.1	0.4	52.0	0.0	0.4	23.3	0.7	0.6	49.7	-0.6	0.3	
NWT9MM	142.7	0.4	0.0	76.3	-0.9	0.3	53.9	0.3	0.4	15.6	-2.2	0.4	52.1	0.0	0.0	
PFDMEG	149.1	0.8	0.4	81.5	-0.2	0.1	57.0	0.9	0.4	16.9	-1.7	0.4	51.1	-0.3	0.5	
QG48KD	138.2	0.1	2.8	86.6	0.5	1.1	57.0	0.9	0.5	22.1	0.3	1.8	60.5	2.1	0.2	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
QMW82U	153.3	1.0	0.5	89.2	0.9	0.2	58.8	1.2	0.1	21.2	-0.1	0.3	57.9	1.4	0.1		
R7LDZQ	125.7	-0.6	0.1	73.9	-1.3	0.3	50.5	-0.2	0.5	22.6	0.5	0.3	50.2	-0.5	0.1		
T8RVGE	120.9	-0.9	1.2	63.8	-2.7	0.7	42.4	-1.6	0.8	16.7	-1.8	0.5	44.7	-1.8	1.0		
TBQ22C	118.0	-1.0	0.3	72.0	-1.6	0.4	45.5	-1.1	0.3	20.7	-0.3	0.6	48.0	-1.0	0.4		
TF6KJT	125.3	-0.6	0.5	103.5	2.9X	0.2	57.9	1.0	2.0	27.4	2.3	1.4	76.8	6.1X	1.4		
VCX42F	112.5	-1.4	1.0	71.5	-1.6	0.1	45.2	-1.2	1.3	21.5	0.0	1.0	57.4	1.3	4.7		
VPMZZT	154.3	1.1	2.4	84.7	0.3	1.3	57.3	0.9	1.2	20.0	-0.5	1.1	51.0	-0.3	0.7		
VYU8VF	119.5	-0.9	0.4	83.5	0.1	0.7	45.5	-1.1	0.2	19.5	-0.7	0.6	53.7	0.4	0.4		
XUAWVG	142.4	0.4	1.2	83.8	0.1	0.4	49.2	-0.5	0.4	22.6	0.4	0.6	50.3	-0.5	0.4		
Z9Z96A	143.6	0.5	0.3	85.0	0.3	0.1	52.0	0.0	0.6	21.9	0.2	0.3	55.4	0.8	0.6		

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
Grand Median	135.7			82.9			52.0			21.4			52.1				
Median Abs Dev	10.9			3.2			3.1			1.2			2.1				
Avg Within Lab SD	3.3			2.7			1.7			0.9			2.3				
Labs Included	35			33			35			34			33				
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49RXR9	97.0	1.6		551.0	0.6		156.0	2.4		86.0	0.5		138.0	0.0		
4QNZDW	89.7	0.8	1.0	100.7	-10.3X	0.3	132.0	0.1	0.9	624.0	64.7X	4.5	141.0	0.2	0.7	
8DRFGB	85.3	0.4	0.5	553.7	0.7	0.2	140.3	0.9	0.1	86.3	0.5	0.4	143.3	0.4	0.1	
9AQ8WE	96.0	1.5	0.6	634.8	2.7X	0.8	173.3	4.1X	1.8	98.9	2.0	3.4	180.5	3.3X	3.2	
9CQHQT	90.5	0.9	3.6	495.9	-0.7	3.2	128.2	-0.2	1.3	77.3	-0.5	1.5	130.4	-0.6	0.2	
AN287A	93.6	1.2	0.5	548.9	0.6	0.5	139.5	0.8	0.2	90.8	1.1	0.2	136.4	-0.2	0.3	
ARZH2A	80.0	-0.2	0.4	508.0	-0.4	0.2	125.0	-0.5	1.3	75.0	-0.8	1.0	131.7	-0.5	1.3	
C926H2	75.0	-0.7	1.7	509.8	-0.4	2.9	121.9	-0.8	3.3	72.3	-1.1	1.8	138.6	0.0	2.1	
CGE2KM	79.8	-0.2	1.3	481.5	-1.1	0.9	136.3	0.5	1.0	85.5	0.4	1.2	130.8	-0.6	0.4	
CYAU6K	81.4	0.0	0.4	526.5	0.0	0.4	125.3	-0.5	0.2	79.5	-0.3	0.5	134.6	-0.3	0.3	
DH7CW2	198.3	12.0X	2.8	1,120.7	14.5X	0.9	262.3	12.5X	9.5	191.0	13.0X	1.5	322.7	14.5X	3.1	
DJFNCH	81.4	0.0	0.1	506.3	-0.5	0.1	126.5	-0.4	0.2	82.3	0.1	0.2	134.6	-0.3	0.1	
FJRZ8R	81.6	0.0	0.4	550.0	0.6	0.2	130.7	0.0	0.1	78.9	-0.4	0.4	132.3	-0.5	0.5	
FRL62T	85.3	0.4	1.5	567.0	1.0	1.3	126.0	-0.4	0.9	98.3	2.0	0.7	149.7	0.9	0.8	
G7HJY2	81.7	0.0	0.8	516.7	-0.2	1.3	127.7	-0.3	0.8	77.0	-0.6	0.6	142.0	0.3	0.3	
GAGXLR	79.8	-0.2	0.0	512.9	-0.3	0.0	127.8	-0.3	0.0	79.8	-0.2	0.0	139.7	0.1	0.0	
GFK28J	90.0	0.9	1.4	494.0	-0.8	0.4	136.7	0.6	0.3	89.0	0.9		147.0	0.7	0.3	
J4PWAQ	80.8	-0.1	0.0	524.3	0.0	0.0	133.7	0.3	0.0	74.1	-0.9	0.0	140.1	0.1	0.0	
KYMVRL	81.7	0.0	0.2	536.3	0.3	0.7	141.7	1.0	2.0	88.0	0.7	1.5	158.7	1.6	0.4	
L4DKRP	70.5	-1.2	0.5	516.6	-0.2	2.2	133.0	0.2	1.2	88.6	0.8	0.9	141.7	0.2	0.1	
LMRRUR	78.5	-0.3	0.5	491.4	-0.8	0.2	129.7	-0.1	0.4	84.1	0.3	0.2	127.8	-0.8	0.3	
LZHQUN	73.3	-0.9	0.2	521.3	-0.1	0.4	131.7	0.1	0.3	85.3	0.4	0.8	136.0	-0.2	0.3	
NBT3ZG	86.3	0.5	0.6	509.7	-0.4	0.1	136.3	0.5	0.5	80.3	-0.2	0.2	130.7	-0.6	0.2	
NW9MW	77.2	-0.5	0.3	569.0	1.1	0.5	128.0	-0.3	0.4	75.6	-0.7	0.6	132.3	-0.5	0.3	
H																
NWT9MM	91.1	1.0	0.4	529.4	0.1	0.1	140.1	0.9	0.5	93.3	1.4	0.6	153.4	1.2	0.1	



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PFDMEG	94.5	1.3	0.2	560.2	0.8	0.7	157.1	2.5	0.7	96.4	1.7	0.3	153.0	1.1	0.5
QMW82U	88.1	0.7	0.4	566.7	1.0	0.3	146.0	1.5	0.4	83.5	0.2	0.7	172.0	2.6	0.4
R7LDZQ	67.0	-1.5	1.2	444.7	-2.0	0.2	122.0	-0.8	0.3	81.0	-0.1	0.6	132.2	-0.5	0.4
T8RVGE	82.5	0.1	0.9	488.3	-0.9	1.0	122.4	-0.8	0.9	75.2	-0.8	0.8	128.8	-0.8	0.5
TBQ22C	69.0	-1.3	0.4	462.3	-1.5	0.2	111.0	-1.9	0.7	70.0	-1.4	1.3	119.0	-1.5	0.2
TF6KJT	69.2	-1.3	0.1	584.4	1.4	0.2	132.1	0.1	2.0	81.2	-0.1	0.7	144.4	0.5	1.1
VCX42F	65.3	-1.7	0.5	588.8	1.5	0.6	117.1	-1.3	1.4	81.8	0.0	0.4	166.7	2.2	4.7
VPMZZT	93.3	1.2	2.1	576.3	1.2	1.1	141.0	1.0	1.0	89.0	0.9	0.9	149.3	0.8	0.7
VYU8VF	86.1	0.5	0.4	538.3	0.3	0.5	127.9	-0.3	0.9	77.9	-0.5	0.6	131.5	-0.6	0.6
XUAWVG	81.1	-0.1	0.5	568.7	1.1	0.2	131.7	0.1	0.2	77.3	-0.5	0.6	142.7	0.3	0.3
Z9Z96A	91.4	1.0	0.4	533.0	0.2	0.3	130.2	0.0	0.5	83.3	0.2	0.4	143.0	0.3	0.2
ZHN8VE	77.3	-0.4	1.2	523.3	0.0	0.4	120.0	-1.0	0.5	78.7	-0.4	1.5	120.0	-1.5	0.3

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg				
	SRS1911		SRS1912		SRS1913		SRS1914		SRS1915	
Grand Median	81.7		525.4		130.7		81.8		138.6	
Median Abs Dev	5.6		25.1		5.7		4.5		6.4	
Avg Within Lab SD	2.5		16.3		4.0		3.0		6.1	
Labs Included	36		34		35		35		35	
Labs Reporting	37		37		37		37		37	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49RXR9	618.0	3.5X		4,559.0	0.5		998.0	3.1X		683.0	0.2		7,583.0	-0.4		
4QNZDW	405.7	-0.6	0.7	4,373.3	0.0	0.3	711.0	-1.8	0.4	634.7	-0.8	0.4	8,015.3	0.0	0.3	
8DRFGB	421.3	-0.3	0.7	4,463.3	0.2	0.1	835.3	0.3	0.6	692.7	0.4	0.4	8,060.7	0.0	0.1	
9AQ8WE	435.1	0.0	2.3	5,028.0	1.7	4.6	907.7	1.5	1.1	718.6	1.0	1.7	8,388.4	0.3	1.9	
9CQHQT	458.9	0.5	2.4	3,955.7	-1.1	0.5	814.2	-0.1	0.4	643.7	-0.6	0.3	7,343.5	-0.6	0.1	
ARZH2A	459.0	0.5	1.1	3,882.7	-1.3	1.0	780.0	-0.7	0.6	648.7	-0.5	2.2	7,234.7	-0.7	0.2	
C926H2	431.9	-0.1	1.7	3,859.4	-1.4	1.1	808.0	-0.2	1.1	649.5	-0.5	1.1	6,620.5	-1.3	0.9	
CGE2KM	454.7	0.4	1.0	4,308.0	-0.2	0.7	841.8	0.4	0.8	693.8	0.4	1.4	7,672.0	-0.3	0.3	
CYAU6K	454.4	0.4	0.8	4,218.1	-0.4	0.2	819.9	0.0	0.2	912.7	5.2X	0.8	7,185.8	-0.8	0.4	
DH7CW2	383.6	-1.0	1.5	3,868.3	-1.3	0.7	737.3	-1.4	0.9	588.3	-1.8	2.1	6,589.7	-1.3	1.3	
DJFNCH	459.3	0.5	1.1	4,700.7	0.9	0.2	820.0	0.0	0.3	725.0	1.1	0.8	8,364.0	0.3	0.3	
FJRZ8R	424.7	-0.2	0.5	4,772.7	1.1	0.2	819.0	0.0	0.2	663.3	-0.2	0.6	8,114.0	0.1	0.4	
FRL62T	456.0	0.4	0.7	4,523.0	0.4	1.4	839.3	0.4	0.6	719.7	1.0	1.0	10,274.0	2.0	0.7	
G7HJY2	462.0	0.5	0.5	4,533.3	0.4	1.0	825.0	0.1	0.5	182.3	-10.6X	0.9	561.7	-6.8X	0.0	
GAGXLR	442.9	0.1	0.0	4,424.6	0.1	0.0	817.2	0.0	0.0	692.3	0.4	0.0	8,076.4	0.1	0.0	
KYMVRL	517.0	1.6	0.9	4,690.7	0.8	0.6	980.3	2.8X	0.3	852.0	3.9X	1.2	9,918.7	1.7	0.9	
L4DKRP	340.6	-1.8	0.6	4,282.7	-0.2	1.2	786.9	-0.5	0.4	692.9	0.4	0.7	8,332.0	0.3	0.3	
LMRRUR	415.8	-0.4	0.9	3,166.7	-3.2X	0.4	755.5	-1.1	0.3	673.1	0.0	1.1	5,467.0	-2.3	0.1	
LZHQUN	402.0	-0.6	0.6	4,323.3	-0.1	0.4	836.0	0.3	0.2	707.3	0.7	1.3	8,010.0	0.0	0.1	
NBT3ZG	430.7	-0.1	0.2	4,199.0	-0.5	0.0	781.0	-0.6	0.0	650.3	-0.5	0.2	7,338.7	-0.6	0.0	
NW9MW H	449.9	0.3	0.6	4,351.4	-0.1	0.2	826.7	0.1	0.7	670.3	-0.1	0.8	8,147.5	0.1	0.3	
NWT9MM	469.6	0.7	0.5	4,126.9	-0.7	0.3	835.0	0.3	0.1	720.7	1.0	0.1	7,066.8	-0.9	0.1	
PFDMEG	527.3	1.8	0.2	4,320.8	-0.1	0.5	873.5	1.0	0.2	705.3	0.7	0.1	7,441.7	-0.5	0.2	
QMW82U	434.0	0.0	0.3	4,494.3	0.3	0.1	852.0	0.6	0.2	683.3	0.2	0.8	8,241.0	0.2	0.3	
R7LDZQ	332.8	-2.0	0.5	4,291.5	-0.2	0.3	723.7	-1.6	0.3	627.4	-1.0	0.1	8,485.5	0.4	0.4	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
T8RVGE	431.1	-0.1	1.2	4,172.7	-0.5	0.8	747.7	-1.2	0.7	613.6	-1.3	1.1	7,039.0	-0.9	0.5	
TBQ22C	395.0	-0.8	0.4	4,703.3	0.9	0.0	713.3	-1.8	0.4	603.3	-1.5	0.7	6,850.0	-1.1	0.1	
TF6KJT	313.8	-2.3	0.6	4,699.1	0.9	0.1	753.8	-1.1	1.3	623.5	-1.1	1.5	9,047.2	0.9	1.3	
VCX42F	341.4	-1.8	0.5	4,007.3	-1.0	0.4	795.6	-0.4	4.7	632.7	-0.9	0.7	9,116.8	1.0	4.4	
VPMZZT	493.8	1.1	1.5	4,791.3	1.1	0.7	846.3	0.5	0.6	698.0	0.5	1.5	8,878.3	0.8	1.1	
VYU8VF	458.6	0.4	1.0	5,102.2	1.9	0.3	839.5	0.4	0.2	683.8	0.2	0.7	9,517.6	1.4	0.6	
XUAWVG	434.1	0.0	1.1	4,643.3	0.7	0.1	767.5	-0.9	0.2	617.4	-1.2	0.6	7,853.1	-0.1	0.0	
Z9Z96A	490.9	1.1	0.3	4,419.3	0.1	0.2	801.8	-0.3	0.1	682.0	0.2	0.1	8,412.3	0.4	0.2	
ZHN8VE	445.0	0.2	0.9	4,007.7	-1.0	0.3	927.7	1.9	0.5	661.7	-0.2	0.5	7,510.7	-0.5	0.1	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	435.1			4,373.3			818.1			673.1			8,015.3			
Median Abs Dev	23.7			200.7			26.0			24.9			573.7			
Avg Within Lab SD	13.7			207.6			35.0			20.7			421.7			
Labs Included	33			33			32			31			33			
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
49RXR9	97.0	2.0		3,571.0	0.6		337.0	4.3X		173.0	0.2		532.0	0.5	
4QNZDW	53.0	-1.5	0.8	2,279.7	-2.5	0.5	161.7	-1.5	0.3	132.0	-2.4	0.4	399.7	-2.4	0.9
8DRFGB	68.7	-0.3	0.4	3,528.0	0.5	0.3	211.3	0.1	0.4	174.3	0.3	0.5	513.7	0.1	0.2
9AQ8WE	71.5	0.0	0.9	3,797.8	1.2	2.2	258.6	1.7	0.4	192.1	1.4	2.3	548.2	0.9	1.2
9CQHQT	73.8	0.2	1.3	3,162.2	-0.4	2.3	196.7	-0.3	0.9	160.1	-0.6	0.2	465.2	-1.0	0.6
ARZH2A	75.7	0.3	0.9	3,168.7	-0.3	0.2	205.0	-0.1	0.7	165.3	-0.3	0.2	483.0	-0.6	0.4
C926H2	72.1	0.0	2.7	3,572.3	0.6	2.4	205.4	0.0	3.3	153.3	-1.0	2.3	435.5	-1.6	0.8
CGE2KM	70.7	-0.1	0.7	3,042.0	-0.7	1.0	265.8	2.0	0.7	174.7	0.3	0.9	494.0	-0.3	1.1
CYAU6K	72.6	0.1	0.3	3,207.7	-0.3	0.2	206.8	0.0	0.6	166.2	-0.2	0.2	508.1	0.0	0.2
DH7CW2	50.1	-1.7	1.6	2,352.6	-2.3	0.6	197.1	-0.3	1.0	141.4	-1.8	1.6	428.5	-1.8	0.9
DJFNCH	72.7	0.1	0.6	3,058.3	-0.6	0.2	190.7	-0.5	0.2	168.3	-0.1	0.6	481.3	-0.6	0.4
FJRZ8R	74.0	0.2	0.1	3,511.7	0.5	1.0	221.0	0.5	0.4	171.7	0.1	0.5	514.7	0.1	1.0
FRL62T	62.3	-0.7	1.3	3,672.0	0.9	1.6	193.7	-0.4	0.4	167.7	-0.1	1.4	517.7	0.2	0.9
G7HJY2	83.3	0.9	2.6	2,563.0	-1.8	1.7	236.7	1.0	2.8	182.3	0.8	2.8	561.7	1.2	0.7
GAGXLR	75.7	0.3	0.0	3,424.6	0.3	0.0	205.0	-0.1		169.8	0.0	0.0	519.4	0.2	0.0
KYMVRL	84.3	1.0	0.6	2,979.3	-0.8	0.5	253.7	1.6	0.3	214.0	2.8X	0.4	632.0	2.7X	0.5
L4DKRP	51.7	-1.6	0.4	2,959.3	-0.9	1.6	197.0	-0.3	0.3	172.0	0.1	0.5	535.1	0.6	0.2
LMRRUR	92.2	1.6	2.0	3,326.0	0.0	0.8	238.4	1.1	2.2	199.1	1.8	0.6	478.5	-0.7	1.0
LZHQUN	69.3	-0.2	0.7	3,286.7	-0.1	0.4	203.7	-0.1	0.2	181.0	0.7	1.2	507.7	0.0	0.1
NBT3ZG	75.0	0.2	0.6	3,333.7	0.1	0.0	220.0	0.4	0.2	175.7	0.4	0.2	476.3	-0.7	0.1
NW9MW H	69.1	-0.2	1.0	3,437.7	0.3	0.2	219.6	0.4	0.7	170.3	0.0	0.3	535.1	0.6	0.5
NWT9MM	75.8	0.3	0.5	3,429.3	0.3	0.0	208.7	0.1	0.2	172.4	0.2	0.0	520.9	0.3	0.1
PFDMEG	78.9	0.5	0.2	3,789.0	1.2	0.5	235.8	1.0	0.1	183.7	0.9	0.2	539.2	0.7	0.1
QMW82U	69.3	-0.2	0.2	3,820.3	1.2	0.4	217.0	0.3	0.3	170.0	0.0	0.6	542.0	0.7	0.4
R7LDZQ	52.2	-1.5	0.2	3,296.7	0.0	0.2	180.8	-0.9	0.1	159.0	-0.7	0.1	487.2	-0.5	0.3



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
T8RVGE	78.5	0.5	0.8	3,389.5	0.2	1.1	202.8	-0.1	0.6	164.3	-0.4	0.7	509.4	0.0	0.5	
TBQ22C	61.0	-0.9	0.6	2,876.7	-1.1	0.3	170.3	-1.2	0.4	141.0	-1.8	0.6	433.7	-1.7	0.1	
TF6KJT	57.3	-1.1	0.1	3,693.0	0.9	0.5	215.9	0.3	0.3	171.4	0.1	0.8	578.1	1.5	1.1	
VCX42F	53.9	-1.4	0.2	3,220.4	-0.2	0.6	169.9	-1.2	0.9	155.2	-0.9	0.6	500.5	-0.2	4.4	
VPMZZT	76.7	0.4	0.5	3,746.3	1.1	0.8	225.0	0.6	0.8	171.7	0.1	0.6	550.3	0.9	0.7	
VYU8VF	65.7	-0.5	0.4	3,279.0	-0.1	0.4	187.9	-0.6	0.3	149.4	-1.3	0.7	494.0	-0.3	0.6	
XUAWVG	71.6	0.0	0.5	3,418.5	0.3	1.2	202.5	-0.1	0.7	155.1	-0.9	0.8	519.0	0.2	0.5	
Z9Z96A	87.8	1.3	0.3	3,209.0	-0.2	0.5	221.0	0.5	0.2	181.6	0.7	0.2	511.5	0.0	0.5	
ZHN8VE	56.0	-1.2	0.8	3,097.7	-0.5	0.2	290.7	2.8	0.6	143.7	-1.7	0.9	458.7	-1.1	0.2	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	71.9			3,311.4			206.8			170.0			509.4			
Median Abs Dev	5.5			215.2			13.2			5.7			25.7			
Avg Within Lab SD	3.5			105.3			9.5			6.3			23.3			
Labs Included	34			34			33			33			33			
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4QNZDW	12.3	-0.5	0.4	733.3	-2.7	0.1	19.0	-0.4	0.3	16.7	-0.7	0.2	12.7	0.1	0.5	
8DRFGB	10.7	-0.8	0.4	2,713.7	0.5	0.0	18.0	-0.5	0.6	16.3	-0.7	0.5	8.3	-0.9	0.5	
9AQ8WE	34.6	3.5X	2.8	2,469.3	0.1	1.9	49.1	4.3X	1.7	41.0	2.5	1.0	34.8	4.8X	4.1	
9CQHQT	17.4	0.4	2.5	2,430.7	0.0	0.7	15.6	-0.9	0.3	17.8	-0.5	0.4	10.2	-0.5	0.6	
ARZH2A	15.1	0.0	0.1	2,404.0	0.0	0.6	24.0	0.4	0.6	24.3	0.4	0.5	13.5	0.3	0.5	
CYAU6K	16.7	0.3	0.8	2,379.4	0.0	0.2	23.3	0.3	0.4	26.1	0.6	0.1	13.1	0.2	0.6	
DH7CW2	143.5	23.1X	25.1	2,060.2	-0.6	3.5	46.2	3.9X	0.8	228.6	27.3X	9.1	181.5	36.4X	35.3	
FJRZ8R	14.7	-0.1	0.6	2,855.0	0.7	2.1	19.7	-0.3	0.3	18.8	-0.4	0.1	11.5	-0.2	0.8	
FRL62T	25.7	1.9	1.0	2,767.0	0.6	0.9	31.0	1.5	1.0	35.7	1.8	1.6	30.0	3.8	2.5	
G7HJY2	20.0	0.9		1,113.0	-2.1	0.6	23.3	0.3	0.2	21.7	0.0	0.2	19.3	1.5	1.1	
GAGXLR	15.6	0.1	0.0	2,587.1	0.3	0.0	20.5	-0.1		20.9	-0.1	0.0	12.4	0.0	0.0	
KYMVRL	17.3	0.4	0.4	2,376.3	0.0	0.6	26.7	0.8	0.7	26.0	0.6	0.6	14.7	0.5	1.4	
L4DKRP	7.5	-1.4	0.4	2,489.7	0.1	1.2	15.3	-0.9	0.1	16.7	-0.6	0.3	8.9	-0.7	0.5	
LMRRUR	33.2	3.2	3.2	2,022.3	-0.6	0.6	53.4	5.0X	3.4	37.0	2.0	0.7	11.1	-0.3	0.5	
LZHQUN	11.7	-0.6	1.0	2,423.3	0.0	0.3	17.3	-0.6	1.0	19.0	-0.3		10.7	-0.4	0.5	
NW9MW H	14.1	-0.2	0.1	630.4	-2.8	0.0	23.1	0.3	0.4	21.6	0.0	0.3	12.7	0.1	0.3	
PFDMEG	19.8	0.8	0.3	2,719.3	0.5	0.5	41.7	3.2	1.1	25.7	0.5	0.3	15.3	0.6	0.4	
QMW82U	8.5	-1.2	0.0	2,778.7	0.6	0.2	13.9	-1.2	0.0	13.3	-1.1	0.1	6.5	-1.3	0.1	
R7LDZQ	9.8	-1.0	0.0	2,135.1	-0.4	0.5	14.9	-1.0	0.0	17.5	-0.6	0.1	8.0	-0.9	0.0	
T8RVGE	11.1	-0.8	1.1	1,433.7	-1.5	0.4	13.5	-1.2	0.5	13.0	-1.1	0.5	9.0	-0.7	1.8	
TBQ22C	15.0	0.0	0.7	2,223.0	-0.3	0.0	21.0	0.0	0.3	21.7	0.0	0.5	15.0	0.6	0.9	
TF6KJT	10.0	-0.9	0.2	2,710.3	0.5	0.2	23.9	0.4	2.9	16.2	-0.7	0.2	10.0	-0.5	0.6	
VCX42F	17.2	0.4	0.5	2,281.8	-0.2	0.2	23.2	0.3	0.1	25.6	0.5	0.6	20.7	1.8	2.6	
VPMZZT	15.8	0.1	0.5	2,774.3	0.6	1.0	25.3	0.6	0.2	20.1	-0.2	0.1	12.2	0.0	0.2	
VYU8VF	19.0	0.7	1.1	6,074.6	5.8X	8.8	17.1	-0.6	3.0	32.9	1.5	4.3	136.3	26.7X	16.3	



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
XUAWVG	15.2	0.0	0.5	1,281.1	-1.8	0.0	21.6	0.0	0.4	21.9	0.0	0.3	12.0	-0.1	0.1	
Z9Z96A	16.3	0.2	0.2	2,411.3	0.0	0.1	22.7	0.2	0.3	21.7	0.0	0.2	14.1	0.4	0.3	

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg	
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915		
Grand Median	15.2	2,407.7	21.3	21.6	12.3		
Median Abs Dev	2.9	304.3	3.0	4.1	2.2		
Avg Within Lab SD	1.5	113.1	3.1	2.9	1.1		
Labs Included	25	26	24	26	24		
Labs Reporting	27	27	27	27	27		



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4QNZDW	11.7	-1.0	0.6	2,129.0	-3.4	0.4	17.0	0.8	0.4	14.0	0.6	1.0	18.7	-0.3	0.4
8DRFGB	12.3	-0.7	0.6	4,500.3	0.5	0.2	10.3	-0.4	0.2	10.3	-1.1	0.6	20.0	0.1	
9AQ8WE	15.5	0.6	0.6	4,897.3	1.1	2.5	33.4	3.9	2.2	16.7	1.8	0.5	22.4	0.7	0.9
9CQHQT	14.4	0.1	1.1	3,789.1	-0.7	2.5	9.4	-0.6	0.4	14.6	0.8	3.4	19.7	0.0	1.1
ARZH2A	13.7	-0.2	0.6	3,750.0	-0.8	1.1	14.3	0.3	0.2	13.4	0.3	0.5	20.3	0.1	0.7
CYAU6K	15.4	0.5	0.5	4,189.1	0.0	0.0	10.3	-0.5	0.1	13.8	0.4	0.5	18.9	-0.2	0.5
DH7CW2	24.2	4.1X	3.0	3,612.6	-1.0	1.7	45.1	6.0X	1.8	20.2	3.3X	4.6	27.4	1.9	2.1
DJFNCH	10.1	-1.6	1.0	2,997.7	-2.0	0.2	14.3	0.3	0.1	14.4	0.7	0.6	29.7	2.5	0.8
E6BP2Q	17.4	1.3	2.5	4,213.7	0.0	1.0	15.8	0.6	0.1	12.8	0.0	0.4	16.9	-0.7	0.7
FJRZ8R	15.2	0.4	0.6	4,539.3	0.6	0.2	12.5	0.0	0.3	12.9	0.1	1.3	22.3	0.6	0.2
FRL62T	12.0	-0.9	1.1	3,714.0	-0.8	1.3	9.7	-0.6	0.4	7.3	-2.4	0.6	14.3	-1.3	1.6
G7HJY2	13.0	-0.5	1.1	4,724.7	0.9	1.3	17.3	0.9	0.6	10.7	-0.9	3.0	17.3	-0.6	1.0
GAGXLR	15.0	0.4		4,373.0	0.3		13.5	0.2		15.1	1.0	0.0	22.2	0.6	0.0
KYMVRL	14.7	0.2	0.6	4,102.3	-0.2	0.7	14.0	0.2		12.7	0.0	0.6	22.0	0.6	
L4DKRP	13.0	-0.4	0.2	4,175.0	0.0	0.7	13.4	0.1	0.4	13.1	0.2	0.1	12.4	-1.8	0.3
LMRRUR	46.6	13.1X	13.2	3,749.3	-0.8	0.1	72.1	11.1X	5.8	42.0	13.1X	4.1	17.4	-0.6	0.1
LZHQUN	11.3	-1.1	3.2	4,203.3	0.0	0.4	11.3	-0.2	0.6	12.3	-0.2	0.6	20.3	0.1	0.4
NBT3ZG	14.8	0.3	0.2	3,817.7	-0.6	0.0	17.7	0.9	0.2	12.8	0.0	0.2	19.9	0.0	0.2
NW9MW H	14.2	0.0	0.6	4,433.6	0.4	0.5	10.7	-0.4	0.1	13.3	0.2	0.6	20.7	0.2	0.6
NWT9MM	14.4	0.1	0.5	3,916.6	-0.5	0.3	12.5	0.0	0.2	12.2	-0.2	0.1	19.7	0.0	0.1
PFDMEG	17.1	1.2	0.3	4,565.2	0.6	0.6	24.0	2.1	0.9	15.1	1.0	0.7	22.8	0.8	0.4
QMW82U	13.7	-0.2	0.3	4,585.0	0.6	0.2	10.3	-0.4	0.2	9.7	-1.4	0.2	14.8	-1.2	0.3
R7LDZQ	11.9	-0.9	0.3	3,674.7	-0.9	0.9	10.9	-0.3	0.0	11.5	-0.6	0.1	18.2	-0.4	0.1
T8RVGE	8.6	-2.2	0.8	1,424.7	-4.6X	0.3	9.8	-0.5	0.2	8.8	-1.8	0.6	57.7	9.3X	1.2
TBQ22C	12.0	-0.9	1.1	1.5	-7.0X	0.0	10.5	-0.4	0.2	11.3	-0.6	0.6	18.3	-0.3	0.4



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TF6KJT	14.9	0.3	0.3	7,551.6	5.5X	0.1	16.3	0.7	3.7	10.9	-0.8	0.4	9.4	-2.5	1.6	
VCX42F	9.9	-1.7	0.1	4,403.5	0.3	0.8	12.8	0.0	2.2	10.7	-0.9	0.2	19.3	-0.1	3.3	
VPMZZT	16.2	0.9	0.1	4,701.7	0.8	1.0	27.7	2.8	0.2	12.9	0.1	0.6	23.3	0.9	0.4	
VYU8VF	0.2	-5.6X	0.2	3.8	-7.0X	0.0	0.1	-2.3X	0.1	0.2	-5.6X	0.0	2.0	-4.4X	0.2	
XUAWVG	14.9	0.3	0.7	4,461.0	0.4	0.4	10.7	-0.4	0.1	14.0	0.6	0.3	18.5	-0.3	0.4	
Z9Z96A	14.0	0.0	0.4	4,218.0	0.0	0.5	11.3	-0.3	0.2	12.4	-0.1	0.4	20.3	0.1	0.4	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	14.1			4,203.3			12.7			12.8			19.7			
Median Abs Dev	1.2			361.8			2.3			1.3			2.3			
Avg Within Lab SD	0.9			140.6			2.8			1.0			1.6			
Labs Included	28			27			28			28			29			
Labs Reporting	31			31			31			31			31			



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4QNZDW	722.0	-0.4	0.3	464.7	-0.8	0.9	757.3	-0.4	0.6	1,203.7	-0.8	0.6	253.7	0.4	0.5
9AQ8WE	871.4	1.2	1.7	536.7	0.9	2.2	963.3	2.4	2.5	1,556.7	2.4	3.1	210.3	0.0	3.5
9CQHQT	786.8	0.3	2.9	453.3	-1.1	1.6	754.1	-0.4	0.6	1,181.6	-1.0	0.9	226.1	0.2	0.2
CYAU6K	760.6	0.0	0.2	501.0	0.1	0.5	760.0	-0.4	0.5	1,300.3	0.1	0.3	57.9	-1.5	0.0
FJRZ8R	761.3	0.0	0.1	533.3	0.8	0.5	786.7	0.0	0.5	1,289.7	0.0	0.3	246.7	0.4	0.5
FRL62T	680.3	-0.9	1.0	439.3	-1.4	0.5	785.7	0.0	1.8	1,135.7	-1.4	1.3	140.7	-0.7	1.1
L4DKRP	738.6	-0.2	1.0	496.4	-0.1	2.0	846.2	0.8	0.7	1,370.0	0.7	0.8	36.6	-1.7	0.1
LMRRUR	575.4	-2.0	0.1	266.1	-5.6X	0.3	656.7	-1.8	0.1	1,048.0	-2.1	0.7	110.9	-1.0	0.6
LZHQUN	718.0	-0.5	0.6	512.7	0.3	0.3	780.7	-0.1	1.7	1,293.3	0.0	0.8	230.3	0.2	0.1
NW9MW H	844.0	0.9	0.6	460.5	-0.9	0.5	871.4	1.1	0.4	1,284.1	0.0	0.2	51.3	-1.6	0.1
QMW82U	811.0	0.6	0.2	535.0	0.9	0.2	870.0	1.1	0.5	1,299.0	0.1	0.5	242.0	0.3	0.1
R7LDZQ	702.2	-0.6	0.3	467.0	-0.8	0.2	788.9	0.0	0.5	1,350.9	0.5	0.2	222.4	0.1	0.1
TBQ22C	698.3	-0.7	0.3	489.3	-0.2	0.4	767.3	-0.3	0.3	1,270.0	-0.2	0.2	265.0	0.5	0.4
VPMZZT	849.7	1.0	0.8	526.7	0.7	0.7	862.3	1.0	0.8	1,292.3	0.0	0.6	185.3	-0.2	0.6
XUAWVG	834.8	0.8	0.2	520.5	0.5	0.2	810.5	0.3	0.2	1,195.7	-0.8	0.1	66.9	-1.4	0.1
YJ2G9L	39.7	-7.9X	0.1	0.9	-11.9X	0.0	17.4	-10.4X	0.0	39.4	-11.1X	0.0	0.5	-2.0X	0.0

Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	760.6			498.7			786.7			1,289.7			210.3		
Median Abs Dev	58.4			32.9			29.3			61.2			43.4		
Avg Within Lab SD	22.9			20.3			25.4			40.4			14.1		
Labs Included	15			14			15			15			15		
Labs Reporting	16			16			16			16			16		



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4QNZDW	2.43	-2.40	0.38	1.73	0.12	0.63	1.39	3.93	0.93	1.47	1.85	0.70	1.80	0.24	0.42	
8DRFGB	4.07	0.17	0.38	1.70	0.00	0.00	0.50	0.14		1.17	0.58	2.53	1.80	0.23	0.00	
947EZ2	3.72	-0.38	0.13	2.32	2.30	0.17	0.64	0.72	0.67	1.35	1.37	0.37	2.15	1.64	0.35	
9AQ8WE	4.15	0.30	2.00	1.59	-0.42	1.78	0.45	-0.09	1.73	0.96	-0.28	1.22	1.71	-0.12	2.23	
9CQHQT	6.02	3.23X	14.26	1.39	-1.14	2.16				0.94	-0.39	0.67	1.65	-0.39	2.50	
ARZH2A	3.97	0.01	1.66	1.67	-0.12	0.63	0.57	0.42	1.53	1.30	1.14	0.00	1.63	-0.44	0.48	
CYAU6K	4.10	0.22	0.07	1.87	0.61	0.23	0.56	0.41	0.41	1.14	0.45	0.14	1.85	0.43	0.17	
DH7CW2	5.42	2.29X	1.86	5.80	15.09X	7.50	7.48	30.00X	17.47	6.52	23.22X	12.90	13.23	45.93X	10.12	
DJFNCH	4.29	0.53	1.28	1.28	-1.54	1.06	0.18	-1.23	0.03	1.24	0.87	0.57	1.24	-2.03	0.59	
FJRZ8R	4.11	0.24	0.10	1.78	0.28	0.06	0.58	0.49	0.31	1.21	0.77	0.90	1.75	0.01	0.26	
FRL62T	3.28	-1.07	0.93	1.47	-0.83	0.25	0.52	0.24	1.51	1.06	0.14	0.49	1.62	-0.51	0.61	
G7HJY2	4.30	0.53	3.43	3.77	7.61X	4.15	3.67	13.69X	17.05	3.70	11.29X	4.21	3.87	8.49X	1.28	
GAGXLR	3.45	-0.80	0.00	1.65	-0.18	0.00	0.37	-0.42	0.00	1.03	0.00	0.00	1.60	-0.57	0.00	
KYMVRL	4.77	1.27	0.76	1.73	0.12	1.68	0.87	1.70	1.53	1.60	2.41	2.11	2.10	1.43	1.45	
L4DKRP	3.13	-1.30	0.53	1.29	-1.52	1.05	0.23	-1.04	1.23	0.98	-0.20	0.76	1.50	-0.97	0.27	
LMRRUR	3.26	-1.10	0.40	1.27	-1.60	0.23	0.41	-0.25	0.27	0.92	-0.45	0.07	1.33	-1.65	0.14	
LZHQUN	3.60	-0.57	0.66	1.77	0.25	0.63	0.47	-0.01	1.53	1.13	0.44	0.70	1.73	-0.04	0.48	
NBT3ZG	4.13	0.27	0.38	1.77	0.25	0.63	0.52	0.24	0.15	1.20	0.72	0.00	2.10	1.43	0.00	
NW9MW H	3.96	0.00	0.17	1.90	0.74	0.29	0.59	0.51	0.85	1.02	-0.06	0.25	1.91	0.65	0.51	
NWT9MM	4.05	0.14	1.02	1.75	0.18	1.21	0.55	0.36	0.93	1.11	0.35	1.91	1.78	0.15	1.13	
PFDMEG	4.21	0.39	0.51	1.71	0.02	0.16	0.42	-0.20	0.24	0.88	-0.62	0.14	1.83	0.36	0.10	
QMW82U	4.38	0.66	0.21	1.59	-0.40	0.20	0.41	-0.25	0.36	0.91	-0.50	0.27	1.74	0.00	0.55	
R7LDZQ	3.24	-1.13	0.26	1.44	-0.97	0.77	0.29	-0.78	1.25	0.95	-0.35	0.67	1.45	-1.16	0.29	
T8RVGE	3.94	-0.03	1.45	1.75	0.18	1.54	0.47	0.01	1.59	1.13	0.42	2.80	2.00	1.03	2.43	
TBQ22C	3.28	-1.06	0.69	1.50	-0.74	0.55	0.35	-0.51	0.53	0.98	-0.21	0.12	1.49	-1.03	0.27	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TF6KJT	3.04	-1.45	1.13	1.02	-2.49	2.83	0.22	-1.05	1.04	0.57	-1.95	0.11	1.25	-1.96	1.23	
VCX42F	2.87	-1.71	0.66	1.34	-1.33	0.07	0.21	-1.11	0.18	0.87	-0.68	0.88	1.65	-0.38	1.96	
VPMZZT	4.10	0.21	0.25	1.75	0.20	0.99	0.39	-0.32	0.81	1.00	-0.11	0.35	1.75	0.03	0.51	
VYU8VF	3.60	-0.56	0.07	1.80	0.38	0.52	0.09	-1.62	0.87	0.72	-1.33	0.28	1.90	0.64	0.47	
XUAWVG	3.79	-0.27	0.35	1.72	0.06	0.23	0.62	0.66	0.85	0.96	-0.30	0.12	1.74	0.00	0.10	
Z9Z96A	4.48	0.81	0.31	1.54	-0.59	0.38	0.51	0.19	1.46	1.18	0.63	0.24	1.76	0.05	0.50	

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	3.96			1.70			0.47			1.03			1.74			
Median Abs Dev	0.34			0.11			0.10			0.11			0.11			
Avg Within Lab SD	0.15			0.09			0.04			0.08			0.12			
Labs Included	29			29			28			29			29			
Labs Reporting	31			31			30			31			31			



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4QNZDW	43.7	-0.4	1.3	42.7	-1.1	1.1	56.6	-1.0	0.8	24.1	-0.5	0.8	101.0	-0.8	1.2	
8DRFGB	44.7	-0.3	1.0	47.0	-0.3	0.5	68.7	0.7	0.3	23.0	-0.9		104.0	-0.6		
947EZ2	58.0	1.8	0.6	63.4	2.8	0.4	71.1	1.1	0.5	36.2	3.4X	1.8	153.4	2.3	0.9	
9AQ8WE	48.2	0.3	1.4	49.5	0.2	1.4	68.8	0.7	1.1	25.6	0.0	0.9	117.1	0.1	1.4	
9CQHQT	51.4	0.8	2.3	45.1	-0.6	1.2	67.7	0.6	1.4	25.7	0.0	0.6	110.4	-0.3	0.4	
CYAU6K	46.2	0.0	0.5	44.4	-0.8	0.5	61.8	-0.3	0.6	25.8	0.1	0.5	111.6	-0.2	0.3	
DH7CW2	37.4	-1.4	2.7	42.5	-1.1	2.1	51.1	-1.8	1.0	19.2	-2.1	1.9	104.1	-0.6	2.2	
DJFNCH	46.3	0.0	1.0	49.2	0.1	0.2	65.3	0.2	0.2	25.7	0.0	0.1	114.8	0.0	0.1	
FJRZ8R	45.8	-0.1	0.1	51.0	0.5	0.7	60.4	-0.5	0.3	28.8	1.0	0.7	116.7	0.1	0.3	
FRL62T	43.5	-0.4	0.6	53.6	1.0	2.3	71.8	1.1	1.2	25.5	0.0	0.6	105.1	-0.6	0.9	
G7HJY2	46.3	0.0	1.4	45.7	-0.5	0.8	65.0	0.2	2.9	29.3	1.2	1.8	117.0	0.1	0.7	
GAGXLR	41.0	-0.8		49.1	0.1	0.0	62.5	-0.2		28.3	0.8	0.0	107.6	-0.4	0.0	
KYMVRL	49.3	0.5	0.5	50.7	0.4	1.4	80.0	2.3		31.0	1.7	1.8	132.3	1.0	0.5	
L4DKRP	41.3	-0.8	0.6	43.5	-0.9	1.8	60.9	-0.4	0.5	24.7	-0.3	0.7	106.6	-0.5	0.8	
LMRRUR	36.5	-1.5	0.4	36.3	-2.3	0.4	63.4	-0.1	0.7	25.4	-0.1	0.1	75.7	-2.3	0.5	
LZHQUN	44.3	-0.3	0.5	49.3	0.2	0.3	62.7	-0.2	0.3	27.3	0.5	0.5	119.3	0.3	0.1	
NBT3ZG	37.9	-1.3	0.1	111.0	11.9X	1.4	69.9	0.9	0.7	22.9	-0.9	0.5	102.7	-0.7	0.3	
NW9MW H	51.6	0.8	0.8	49.7	0.2	0.3	65.7	0.3	0.8	27.6	0.6	0.5	121.1	0.4	0.2	
NWT9MM	46.8	0.1	0.2	46.4	-0.4	0.3	63.4	-0.1	0.6	25.0	-0.2	0.2	109.0	-0.3	0.3	
PFDMEG	47.3	0.2	0.1	49.9	0.3	0.6	70.4	0.9	0.3	24.9	-0.3	0.5	115.7	0.1	0.2	
QMW82U	53.3	1.1	0.3	54.9	1.2	0.0	72.5	1.3	0.4	29.3	1.2	0.2	133.6	1.1	0.4	
R7LDZQ	41.9	-0.7	0.1	44.2	-0.8	0.3	57.8	-0.9	0.1	25.2	-0.2	0.3	112.3	-0.1	0.5	
T8RVGE	50.9	0.7	2.1	50.7	0.4	1.9	61.5	-0.3	1.0	30.4	1.5	3.1	134.7	1.2	3.4	
TBQ22C	45.0	-0.2	0.5	47.0	-0.3	0.5	56.0	-1.1	1.1	34.0	2.7	0.9	131.0	1.0	0.4	
TF6KJT	36.0	-1.6	0.2	45.8	-0.5	0.2	56.4	-1.1	2.1	25.5	-0.1	0.9	105.0	-0.6	0.7	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VPMZZT	54.3	1.3	0.5	56.7	1.6	0.6	67.0	0.5	0.5	28.3	0.9	0.5	143.3	1.7	1.3	
VYU8VF	49.3	0.5	0.2	48.3	0.0	0.4	63.8	0.0	0.5	26.7	0.3	0.4	134.7	1.2	0.2	
XUAWVG	51.4	0.8	0.7	48.4	0.0	0.8	59.3	-0.6	0.9	25.8	0.0	0.9	108.1	-0.4	0.4	
Z9Z96A	51.8	0.9	0.1	47.8	-0.1	0.4	66.3	0.4	1.0	23.1	-0.8	0.3	124.7	0.6	1.3	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	46.3			48.4			63.8			25.7			114.8			
Median Abs Dev	4.4			2.4			3.9			1.6			9.8			
Avg Within Lab SD	2.2			1.8			1.8			1.1			4.6			
Labs Included	29			28			29			28			29			
Labs Reporting	29			29			29			29			29			



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4QNZDW	192.3	0.2	0.9	94.0	1.2	0.7	118.3	1.2	1.2	304.0	0.8	0.3	62.0	1.0	1.3	
8DRFGB	178.3	-0.5	0.8	74.0	-0.4	0.7	102.0	0.0	0.3	254.0	-0.5	0.2	50.7	-0.4	0.3	
947EZ2	193.3	0.3	0.3	101.1	1.7	0.4	142.6	3.1X	0.5	295.0	0.6	1.8	86.2	4.2X	2.0	
9AQ8WE	210.3	1.2	0.9	106.2	2.2	1.2	123.5	1.6	1.9	311.1	1.0	2.3	58.4	0.6	1.2	
9CQHQT	200.0	0.6	2.4	71.3	-0.6	1.4	99.7	-0.2	0.2	250.1	-0.6	1.1	51.9	-0.3	0.3	
CYAU6K	185.0	-0.2	0.3	70.4	-0.6	0.5	91.3	-0.8	0.1	248.6	-0.7	0.5	49.2	-0.6	0.6	
DH7CW2	149.8	-2.1	2.8	47.9	-2.4	3.6	92.7	-0.7	3.8	217.5	-1.5	1.9	45.7	-1.1	2.5	
DJFNCH	199.2	0.6	0.4	82.6	0.3	0.3	108.5	0.5	0.1	306.9	0.9	0.4	50.6	-0.4	0.1	
FJRZ8R	181.0	-0.4	0.2	84.3	0.4	1.1	97.4	-0.4	0.3	264.0	-0.3	0.4	56.1	0.3	0.5	
FRL62T	225.7	2.0	1.7	86.1	0.6	0.4	88.3	-1.1	1.0	369.6	2.6X	1.3	64.2	1.3	1.0	
G7HJY2	193.3	0.3	1.3	78.7	0.0	0.6	116.0	1.0	0.9	332.7	1.6	1.3	60.3	0.8	0.9	
GAGXLR	168.7	-1.1	0.0	78.6	0.0	0.0	97.3	-0.4	0.0	275.1	0.0	0.0	53.3	-0.1	0.0	
KYMVRL	190.0	0.1	0.5	74.0	-0.4	0.7	120.7	1.4	0.2	293.3	0.5	0.5	56.7	0.3	0.9	
L4DKRP	164.6	-1.3	0.7	77.3	-0.1	1.5	104.2	0.1	0.5	287.6	0.4	0.7	58.7	0.6	0.4	
LMRRUR	133.9	-2.9X	0.5	50.8	-2.2	0.1	81.0	-1.6	0.2	210.8	-1.7	1.6	37.2	-2.2	0.6	
LZHQUN	170.0	-1.0	0.4	81.0	0.2	0.5	97.7	-0.4	0.5	258.7	-0.4	0.7	53.7	-0.1	0.7	
NBT3ZG	186.7	-0.1	0.2	79.3	0.1	0.1	112.7	0.8	0.2	264.7	-0.2	0.3	52.3	-0.2	0.7	
NW9MW H	195.1	0.4	0.7	71.5	-0.6	0.9	92.2	-0.8	0.5	271.8	0.0	0.5	46.5	-1.0	0.6	
NWT9MM	173.4	-0.8	0.3	70.1	-0.7	0.2	100.9	-0.1	0.0	251.8	-0.6	0.3	49.8	-0.6	0.4	
PFDMEG	182.4	-0.3	0.1	69.4	-0.7	0.2	105.0	0.2	0.3	211.3	-1.7	0.3	48.8	-0.7	0.3	
QMW82U	203.3	0.8	0.2	84.0	0.4	0.3	117.3	1.1	0.4	292.7	0.5	0.3	61.4	0.9	0.2	
R7LDZQ	173.1	-0.8	0.3	77.8	-0.1	0.2	104.6	0.2	0.5	293.1	0.5	0.3	54.5	0.1	0.2	
T8RVGE	194.4	0.3	1.9	78.5	0.0	2.1	104.1	0.1	1.5	285.1	0.3	2.4	56.9	0.4	3.3	
TBQ22C	185.0	-0.2	0.7	86.7	0.6	0.4	102.7	0.0	0.3	308.3	0.9	0.4	61.5	1.0	0.2	
TF6KJT	160.1	-1.5	0.4	85.4	0.5	0.3	98.0	-0.3	0.9	256.6	-0.5	0.5	55.3	0.2	0.9	



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VPMZZT	198.3	0.5	0.7	83.0	0.3	0.7	112.7	0.8	1.0	267.7	-0.2	0.9	57.7	0.5	0.7	
VYU8VF	187.0	-0.1	0.4	63.6	-1.2	0.6	87.0	-1.2	0.0	289.4	0.4	0.8	35.4	-2.4	0.2	
XUAWVG	197.6	0.5	0.2	77.0	-0.1	0.2	97.7	-0.4	0.1	258.2	-0.4	0.6	51.4	-0.3	0.5	
Z9Z96A	205.7	0.9	0.5	92.4	1.1	0.9	122.2	1.5	1.1	308.7	1.0	0.6	59.2	0.7	0.4	
Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	188.5			78.6			102.3			273.5			54.1			
Median Abs Dev	10.0			6.8			7.9			19.7			4.3			
Avg Within Lab SD	7.4			4.0			5.2			9.8			2.3			
Labs Included	28			29			28			28			28			
Labs Reporting	29			29			29			29			29			



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4QNZDW	1.03	-0.44	0.38	2.70	-0.58	0.89	0.68	0.70	0.63	1.47	-0.65	0.35	2.83	-0.11	0.23
8DRFGB	1.10	-0.18	0.00	2.93	-0.04	0.26	0.50	-0.25		1.60	0.00	0.00	2.87	0.00	0.23
9AQ8WE	1.59	1.68	1.58	3.60	1.53	1.40	0.97	2.26	2.74	2.02	2.02	1.56	3.49	2.01	1.13
9CQHQT	1.47	1.22	1.41	2.96	0.02	0.93				1.49	-0.55	0.35	2.81	-0.19	0.13
CYAU6K	1.13	-0.08	0.10	2.81	-0.34	0.16	0.49	-0.32	0.11	1.55	-0.24	0.06	2.74	-0.42	0.10
DH7CW2	1.53	1.46	4.36	2.39	-1.31	4.17	0.78	1.24	1.53	2.06	2.23	4.69	3.31	1.42	4.51
DJFNCH	1.38	0.86	0.48	2.89	-0.13	0.24	0.64	0.52	3.80	2.06	2.23	1.02	2.77	-0.30	1.51
FJRZ8R	1.37	0.85	0.21	2.85	-0.23	0.08	0.72	0.93	0.00	1.89	1.39	0.33	2.69	-0.57	0.28
FRL62T	1.26	0.42	0.11	3.50	1.28	0.74	0.66	0.63	0.06	1.64	0.18	0.33	2.67	-0.63	0.87
G7HJY2	2.17	3.86X	0.75	3.97	2.38	2.23	1.63	5.85X	3.74	1.90	1.45	0.61	2.57	-0.97	0.61
GAGXLR	1.00	-0.56		2.98	0.07	0.00	0.49	-0.31	0.00	1.56	-0.19	0.00	2.69	-0.57	0.00
KYMVRL	0.77	-1.44	0.38	2.67	-0.66	0.26	0.13	-2.23	0.57	1.50	-0.48		3.13	0.86	0.23
L4DKRP	0.85	-1.11	0.13	2.63	-0.75	0.75	0.30	-1.31	0.20	1.47	-0.65	0.27	2.69	-0.58	0.32
LMRRUR	1.08	-0.27	0.04	2.36	-1.38	0.12	0.52	-0.13	0.06	1.73	0.61	0.13	2.38	-1.57	0.12
LZHQUN	1.00	-0.56		2.60	-0.82	0.00	0.47	-0.43	0.57	1.70	0.48	0.00	2.60	-0.86	0.00
NBT3ZG	1.43	1.08	0.38	3.30	0.82	0.44	0.55	0.00	0.06	1.56	-0.18	0.20	2.91	0.13	0.02
NW9MW H	1.17	0.08	0.07	2.95	0.00	0.23	0.51	-0.20	0.17	1.57	-0.16	0.33	2.90	0.11	0.07
NWT9MM	1.24	0.36	0.94	3.16	0.50	0.27	0.62	0.38	0.12	1.63	0.16	0.83	2.97	0.34	0.38
PFDMEG	1.22	0.28	0.20	3.32	0.87	0.38	0.56	0.07	0.26	1.63	0.13	0.20	3.04	0.57	0.27
QMW82U	1.26	0.43	0.27	3.31	0.85	0.03	0.66	0.61	0.12	1.72	0.57	0.23	3.27	1.30	0.03
R7LDZQ	0.98	-0.65	0.54	2.77	-0.42	0.08	0.46	-0.45	0.21	1.54	-0.27	0.09	2.67	-0.62	0.19
T8RVGE	1.19	0.16	0.39	3.19	0.56	0.62	0.56	0.07	0.39	1.63	0.15	0.43	3.16	0.95	0.92
TBQ22C	1.07	-0.30	0.17	2.86	-0.21	0.09	0.49	-0.31	0.10	1.52	-0.40	0.35	2.96	0.29	0.20
TF6KJT	1.10	-0.17	0.30	3.25	0.71	0.25	0.59	0.23	0.24	1.67	0.32	0.13	2.98	0.38	0.36
VCX42F	0.86	-1.08	0.08	2.74	-0.49	0.16	0.38	-0.91	0.23	1.56	-0.21	0.30	3.21	1.11	1.40



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VPMZZT	1.31	0.62	0.23	3.43	1.13	0.31	0.58	0.20	0.32	1.70	0.48	0.24	3.23	1.16	0.13	
VYU8VF	0.69	-1.75	0.08	2.68	-0.64	0.18	0.01	-2.90	0.14	1.12	-2.32	0.10	2.69	-0.56	0.07	
XUAWVG	1.11	-0.16	0.14	3.06	0.25	0.11	0.48	-0.36	0.10	1.45	-0.74	0.25	2.87	0.00	0.41	
Z9Z96A	1.31	0.61	0.28	3.20	0.58	0.77	0.60	0.27	0.15	1.58	-0.11	0.31	3.17	0.99	0.41	

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	1.15			2.95			0.55			1.60			2.87			
Median Abs Dev	0.15			0.25			0.07			0.10			0.18			
Avg Within Lab SD	0.15			0.23			0.10			0.16			0.25			
Labs Included	28			29			27			29			29			
Labs Reporting	29			29			28			29			29			



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4QNZDW	0.41	0.53	0.11	2.81	-1.31	0.39	0.59	2.21	0.96	0.80	1.76	1.58	2.57	0.79	0.48
8DRFGB	0.20	-0.59	0.00	4.07	0.46	0.32	0.13	-0.34	1.57	0.23	-0.22	1.49	2.47	0.41	0.48
9AQ8WE	0.40	0.49	0.74	4.03	0.41	1.38	0.27	0.41	1.57	0.47	0.59	1.49	2.43	0.28	1.74
9CQHQT	0.72	2.21	4.15	3.55	-0.27	1.24							2.20	-0.60	2.62
CYAU6K	0.22	-0.46	0.04	3.74	0.00	0.20	0.18	-0.07	0.27	0.25	-0.17	0.30	2.27	-0.34	0.37
DJFNCH	0.29	-0.10	0.09	2.97	-1.09	0.46	0.14	-0.27	0.22	0.51	0.76	0.72	1.79	-2.16	0.21
FJRZ8R	0.25	-0.32	0.39	3.88	0.20	0.47	0.14	-0.30	0.47	0.17	-0.44	0.89	2.37	0.03	0.17
FRL62T	0.33	0.10	0.17	3.86	0.16	0.38	0.30	0.60	0.27	0.38	0.28	0.74	2.17	-0.73	1.13
G7HJY2	1.77	7.89X	1.14	8.73	7.06X	5.20	1.20	5.65X	8.17	2.43	7.44X	17.56	2.60	0.91	1.68
GAGXLR	0.21	-0.53	0.00	4.20	0.65	0.00	0.16	-0.19	0.00	0.29	-0.02	0.00	2.47	0.42	0.00
KYMVRL	0.63	1.76	0.43	3.43	-0.43	0.32	0.49	1.66	0.47	1.03	2.56	2.98	2.43	0.28	0.48
LMRRUR	0.39	0.44	1.27	3.25	-0.69	3.96	0.56	2.06	3.30	0.05	-0.85	0.15	2.29	-0.25	2.14
LZHQUN				2.17	-2.22	0.32				0.10	-0.68	0.00	1.30	-4.03X	0.00
NW9MW H	0.25	-0.34	0.11	4.05	0.43	0.46	0.20	0.04	0.27	0.31	0.03	0.65	2.61	0.94	0.13
NWT9MM	0.35	0.24	0.08	4.06	0.45	0.19	0.16	-0.18	0.26	0.23	-0.25	0.26	2.39	0.11	0.59
PFDMEG	0.25	-0.34	0.04	3.81	0.09	0.40	0.13	-0.38	0.17	0.24	-0.20	0.00	2.21	-0.57	0.52
QMW82U	0.12	-1.03	0.02	4.52	1.11	0.17	0.11	-0.48	0.37	0.16	-0.48	0.35	2.78	1.60	0.29
R7LDZQ	0.12	-1.02	0.07	3.36	-0.53	0.11	0.05	-0.82	0.16	0.18	-0.39	0.15	2.11	-0.94	0.13
T8RVGE	0.45	0.76	0.45	3.13	-0.86	0.44	0.33	0.77	0.82	0.63	1.16	1.03	2.03	-1.25	0.59
TBQ22C	0.39	0.44	0.07	3.15	-0.83	0.27	0.40	1.16	0.27	0.45	0.55	0.39	2.11	-0.95	0.08
VYU8VF	26.76	143.12X	21.37	2,571.94	631.02X	243.07	29.33	163.40X	113.98	28.46	98.06X	92.77	18.56	61.60X	18.70
XUAWVG	0.26	-0.26	0.07	4.09	0.49	0.30	0.19	0.00	0.57	0.30	0.02	0.30	2.36	0.00	0.30
Z9Z96A	0.59	1.54	0.11	2.72	-1.45	0.17	0.35	0.88	0.47	0.89	2.05	0.54	2.20	-0.61	0.59



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	0.31	3.74	0.19	0.30	2.36	
Median Abs Dev	0.09	0.35	0.07	0.13	0.16	
Avg Within Lab SD	0.13	0.18	0.04	0.04	0.12	
Labs Included	20	21	19	20	21	
Labs Reporting	22	23	21	22	23	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	1.12	-0.39	3.10	0.43	-0.29	0.64	0.17	-0.56	0.22	0.33	0.23	0.27	0.55	-0.23	0.14	
2LN38A	1.36	0.52	0.75	0.80	2.71	3.65	0.25	0.65	2.91	0.37	0.55	1.07	0.81	1.69	2.23	
2XY86A	1.08	-0.55	0.52	0.44	-0.18	0.54	0.23	0.45	0.59	0.27	-0.14	0.27	0.78	1.46	0.41	
34HUBZ	1.17	-0.19	0.16	0.88	3.38X	6.69	0.19	-0.22	0.22	0.37	0.53	0.95	0.55	-0.19	0.36	
4N4LCG	1.13	-0.33	0.94	0.42	-0.32	0.47	0.19	-0.34	0.59	0.15	-1.03	0.85	0.54	-0.26	0.28	
4ZXRY8	1.18	-0.16	0.84	0.50	0.33	0.26	0.12	-1.39	0.63	0.18	-0.77	0.26	0.58	0.00	0.78	
7GTEK4	1.06	-0.63	2.51	0.41	-0.43	0.25	0.16	-0.83	0.75	0.22	-0.50	0.17	0.52	-0.42	0.79	
94GDVB	1.60	1.47	0.00	0.35	-0.94	0.23	0.16	-0.79	0.38	0.43	0.97	0.69	0.54	-0.26	0.73	
9VNH3Y	1.53	1.21	0.94	0.77	2.46	1.78	0.30	1.57	0.00	0.40	0.73	0.00	0.73	1.12	1.38	
AN287A	1.22	0.01	0.09	0.48	0.15	0.18	0.22	0.14	0.56	0.24	-0.34	0.06	0.59	0.11	0.62	
ARZH2A	1.06	-0.63	1.36	0.52	0.47	0.31	0.27	1.01	2.12	0.40	0.74	0.20	0.70	0.85	0.77	
C9KVQL	0.99	-0.90	0.34	0.39	-0.61	0.78	0.21	0.00	1.35	0.22	-0.54	0.25	0.50	-0.55	0.50	
C9YH39	1.14	-0.32	0.09	0.52	0.47	0.82	0.20	-0.06	0.22	0.27	-0.17	0.00	0.64	0.44	0.00	
CAVVLU	1.28	0.24	0.50	0.59	1.03	0.00	0.30	1.63	0.22	0.40	0.73	0.12	0.67	0.64	0.36	
CGE2KM	1.23	0.05	0.94	0.40	-0.50	0.00	0.10	-1.80	0.00	0.17	-0.88	0.69	0.40	-1.30	0.00	
DFCQ2P	1.07	-0.57	0.75	0.43	-0.29	0.94	0.15	-0.90	0.22	0.18	-0.81	0.07	0.43	-1.06	0.50	
DH7CW2	1.38	0.61	1.48	0.65	1.49	2.06	0.31	1.66	0.83	0.41	0.83	0.29	0.79	1.53	2.58	
E6BP2Q	1.60	1.48	1.18	0.56	0.81	1.81	0.31	1.76	0.40	0.40	0.70	0.16	0.66	0.62	0.85	
F68HD3	0.90	-1.23	0.00	0.40	-0.50	0.00	0.17	-0.67	2.22	0.20	-0.65	0.00	0.50	-0.57		
F9TU6Z	1.64	1.63	0.70	0.64	1.45	0.96	0.29	1.37	0.77	0.45	1.10	0.32	0.79	1.56	0.72	
FRL62T	1.22	-0.01	0.34	0.46	0.01	0.36	0.20	-0.17	0.22	0.34	0.30	0.07	0.63	0.37	0.24	
GFK28J	1.95	2.80X	0.25	0.62	1.30	0.18	0.25	0.79	0.22	0.50	1.45	0.07	0.75	1.24	0.24	
H3YETY	1.51	1.12	1.17	2.78	18.79X	5.33	1.02	13.72X	3.35	0.71	2.88X	0.71	0.84	1.89	1.35	
K3L8NK	0.94	-1.09	0.08	0.43	-0.24	0.16	0.24	0.61	0.05	0.38	0.62	0.10	0.56	-0.15	0.33	
KJEWMN	1.28	0.24	0.73	0.38	-0.64	0.78	0.18	-0.51	0.59	0.59	2.03	5.80	0.54	-0.31	0.36	
LMRRUR	1.02	-0.78	0.09	0.18	-2.26	0.18	0.14	-1.12	0.00	0.17	-0.88	0.07	0.36	-1.59	0.00	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MC7E3T	0.84	-1.48	1.20	0.42	-0.32	0.36				0.23	-0.42	0.18	0.55	-0.21	0.48
MGGB6G	1.15	-0.28	1.19	0.53	0.51	2.10	0.24	0.54	2.79	0.28	-0.11	0.34	0.67	0.69	3.74
MZVA6R	2.04	3.16X		0.97	4.11X		1.14	15.74X		0.75	3.16X		1.13	3.99X	
NBT3ZG	1.28	0.22	0.09	0.45	-0.13	0.18	0.20	-0.06	0.59	0.23	-0.42	0.18	0.46	-0.84	0.14
PQXTD7	1.71	1.90	1.42	0.53	0.56	0.76	0.25	0.76	1.85	0.45	1.05	0.48	0.70	0.86	1.09
QG48KD	1.26	0.14	0.50	0.44	-0.18	1.24	0.21	0.00	0.80	0.31	0.11	0.31	0.62	0.27	0.73
QWWXK F	1.49	1.06	1.35	0.49	0.25	0.39	0.21	0.10	0.36	0.26	-0.27	0.23	0.61	0.24	0.96
TTW7PN	1.24	0.06	0.64	0.66	1.60	1.25	0.60	6.55X	1.97	0.50	1.40	0.96	0.56	-0.11	0.61
ULCXUJ	1.36	0.55	1.16	0.42	-0.34	0.83	0.22	0.26	0.76	0.33	0.22	0.46	0.57	-0.09	0.59
V2DUA2	0.94	-1.09	0.68	0.45	-0.13	0.18	0.15	-0.90	0.22	0.15	-1.02	0.07	0.49	-0.62	0.14
VCX42F	1.35	0.50	0.22	0.50	0.34	0.12	0.23	0.41	0.19	0.35	0.39	0.35	0.68	0.76	0.68
XMR4N4	1.07	-0.57	0.66	0.52	0.43	0.17	0.21	0.12	0.66	0.25	-0.28	0.25	0.67	0.66	0.38
XMRN8K	1.37	0.56	0.85	0.45	-0.13	0.13	0.18	-0.38	0.24	0.24	-0.39	0.25	0.56	-0.14	0.53
Y4BDNB	1.18	-0.14	0.47	0.45	-0.10	0.00	0.20	-0.11	0.00	0.23	-0.47	0.07	0.55	-0.19	0.14
YJ2G9L	1.04	-0.70	0.14	0.46	0.00	0.50	0.17	-0.60	0.06	0.25	-0.32	0.03	0.56	-0.15	0.19
Z9Z96A	1.57	1.34	0.61	0.64	1.41	0.64	0.23	0.39	0.77	0.57	1.89	0.25	0.78	1.46	0.86

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	1.22			0.46			0.21			0.29			0.58		
Median Abs Dev	0.15			0.05			0.03			0.08			0.08		
Avg Within Lab SD	0.06			0.03			0.03			0.08			0.04		
Labs Included	40			39			38			40			41		
Labs Reporting	42			42			41			42			42		



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups															Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	10.97	-1.03	0.67	5.07	-0.32	0.28	51.13	-0.70	0.18	10.30	0.25	1.44	7.10	0.43	0.28		
2LN38A	13.54	-0.05	0.50	9.33	6.21X	3.35	65.25	1.27	3.33	11.34	0.83	1.87	6.32	0.00	1.74		
2XY86A	12.70	-0.37	0.32	4.27	-1.54	0.57	53.70	-0.34	0.22	9.40	-0.26	0.72	5.53	-0.44	0.32		
34HUBZ	12.73	-0.36	0.24	5.30	0.04	0.37	51.63	-0.63	0.46	10.23	0.21	0.42	7.59	0.70	0.64		
4N4LCG	13.67	0.00	0.92	5.33	0.09	0.57	55.00	-0.16	1.92	10.67	0.45	1.57	5.17	-0.64	0.32		
4ZXRY8	11.16	-0.95	0.85	4.21	-1.62	0.76	35.07	-2.93X	1.46	6.57	-1.84	1.08	4.59	-0.96	0.48		
7GTEK4	13.47	-0.08	3.90	4.81	-0.71	1.40	55.20	-0.13	1.82	9.75	-0.06	0.37	5.07	-0.70	1.04		
7XL6K7	14.46	0.30	0.09	4.44	-1.28	0.07	21.69	-4.80X	0.03	10.70	0.47	0.12	6.98	0.36	0.27		
94GDVB	17.33	1.40	0.92	5.57	0.45	0.28	67.53	1.59	0.22	9.97	0.06	0.16	3.20	-1.74	0.48		
9VNH3Y	13.97	0.11	0.81	6.00	1.11	0.49	50.97	-0.72	0.38	8.07	-1.00	0.63	4.07	-1.25	0.16		
ARZH2A	11.92	-0.67	0.88	4.78	-0.75	0.43	40.14	-2.23	0.85	8.74	-0.63	0.54	5.34	-0.55	0.35		
C9KVQL	11.38	-0.87	0.42	4.57	-1.08	0.59	54.21	-0.27	0.62	8.43	-0.80	0.50	3.88	-1.36	0.24		
C9YH39	14.95	0.49	0.12	5.40	0.19	0.05	57.61	0.20	0.45	11.56	0.96	0.04	7.91	0.88	0.05		
CAVVLU	12.73	-0.36	0.49	5.23	-0.06	1.02	53.27	-0.40	0.53	10.37	0.29	0.63	6.40	0.04	0.48		
DFCQ2P	11.53	-0.81	0.07	4.97	-0.46	0.85	49.10	-0.98	0.25	8.38	-0.83	0.58	3.90	-1.35	0.27		
DH7CW2	15.48	0.69	0.94	5.75	0.73	1.90	56.77	0.09	0.68	12.22	1.32	1.17	7.75	0.79	1.22		
E6BP2Q	16.98	1.26	0.34	5.85	0.88	2.00	61.56	0.75	1.36	10.96	0.62	0.71	7.02	0.39	0.63		
F68HD3	15.33	0.63	0.92	5.00	-0.42		52.00	-0.58		9.00	-0.48		6.33	0.00	1.61		
F9TU6Z	16.63	1.13	0.11	6.81	2.35	0.48	58.22	0.29	0.32	15.08	2.93X	1.07	12.37	3.36X	2.67		
FRL62T	15.65	0.76	0.36	5.55	0.42	0.67	55.33	-0.11	1.56	12.02	1.21	0.08	7.23	0.50	0.07		
GFK28J	17.53	1.47	0.15	5.54	0.41	0.46	63.17	0.98	0.10	8.74	-0.63	0.67	6.61	0.16	0.29		
H3YETY	9.36	-1.64	0.14	2.92	-3.60X	0.90	38.63	-2.44	0.38	8.52	-0.75	0.98	7.03	0.39	0.21		
K3L8NK	11.30	-0.90	0.06	3.88	-2.14	0.08	47.86	-1.15	0.21	9.35	-0.28	0.34	5.84	-0.27	0.11		
KJEWMN	13.82	0.06	0.77	5.06	-0.33	0.77	52.27	-0.54	0.14	11.20	0.75	1.58	7.61	0.71	1.70		
LMRRUR	11.53	-0.81	0.16	5.25	-0.04	0.08	51.53	-0.64	0.24	7.43	-1.36	0.26	5.10	-0.68	0.21		
MC7E3T	9.88	-1.44	1.01	5.21	-0.10	1.02	54.93	-0.17	2.05	10.18	0.18	1.05	6.87	0.30	0.99		



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MGGB6G	12.82	-0.32	1.69	6.05	1.18	0.24	59.03	0.40	0.52	11.57	0.96	1.60	7.49	0.65	1.45
MZVA6R	20.38	2.56X		7.50	3.41X		66.11	1.39		18.22	4.69X		16.64	5.73X	
PQXTD7	16.73	1.17	0.26	6.28	1.54	0.92	58.59	0.34	1.97	11.19	0.75	1.19	7.96	0.91	0.88
QG48KD	14.60	0.36	0.22	5.37	0.15	0.13	61.92	0.80	0.36	10.84	0.55	0.72	6.06	-0.15	0.50
QWWXK F	17.50	1.46	0.57	5.55	0.43	1.96	58.11	0.27	0.78	10.37	0.29	1.71	7.25	0.51	2.58
TTW7PN	13.46	-0.08	0.17	5.27	0.00	0.50	57.64	0.21	0.12	9.60	-0.14	0.96	5.74	-0.32	0.70
ULCXUJ	14.29	0.24	3.09	4.83	-0.68	3.75	55.51	-0.09	0.71	11.45	0.89	1.67	6.91	0.32	3.20
V2DUA2	13.27	-0.15	0.56	5.40	0.19	0.49	61.43	0.74	0.24	7.80	-1.15	0.98	3.53	-1.55	0.16
VCX42F	16.10	0.93	0.20	5.31	0.06	0.21	59.74	0.50	0.69	12.86	1.69	1.71	9.55	1.79	1.00
XMR4N4	12.19	-0.56	0.26	4.80	-0.72	0.19	56.84	0.10	0.15	8.42	-0.81	0.54	4.87	-0.81	1.07
XMRN8K	15.18	0.57	0.77	5.03	-0.37	0.32	59.25	0.43	0.48	8.69	-0.65	0.53	4.54	-0.99	0.43
Y4BDNB	14.33	0.25	0.92	5.13	-0.21	0.57	60.67	0.63	0.51	8.67	-0.67	1.57	4.83	-0.83	0.81
YJ2G9L	11.99	-0.64	0.18	5.98	1.08	0.10	46.08	-1.40	0.08	9.59	-0.15	0.30	8.30	1.10	0.06
Z9Z96A	16.11	0.93	0.46	5.81	0.83	0.12	63.13	0.97	0.13	9.15	-0.40	0.25	6.15	-0.10	0.26

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups					Data units: mg/kg
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915
Grand Median	13.7	5.27	56.1	9.86	6.33
Median Abs Dev	1.7	0.29	4.0	1.14	1.16
Avg Within Lab SD	0.6	0.20	2.3	0.37	0.36
Labs Included	39	37	38	38	38
Labs Reporting	40	40	40	40	40



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	36.07	0.09	0.97	3.73	0.00	0.36	37.00	0.93	0.13	87.10	0.34	1.07	11.53	0.58	0.29	
2LN38A	46.42	1.01	0.66	6.97	3.35X	1.31	43.22	1.72	2.47	110.02	1.21	3.00	15.56	2.04	3.59	
2XY86A	34.00	-0.09	0.73	3.00	-0.75		31.67	0.25	0.37	78.33	0.01	0.61	9.00	-0.33		
34HUBZ	33.87	-0.10	0.24	3.73	0.00	0.28	27.83	-0.24	0.64	79.73	0.06	0.04	10.06	0.05	0.42	
4N4LCG	41.67	0.59	0.56	3.53	-0.20	0.36	29.67	-0.01	1.33	63.33	-0.56	0.44	9.47	-0.16	0.40	
4ZXRY8	30.00	-0.45	0.55	6.26	2.62	0.78	25.79	-0.50	0.49	60.19	-0.68	0.32	11.09	0.42	0.66	
7GTEK4	27.27	-0.69	2.29	2.81	-0.95	0.91	27.50	-0.28	2.42	67.57	-0.40	0.73	8.03	-0.68	0.78	
7XL6K7	27.76	-0.64	0.06	3.24	-0.51	0.25	28.05	-0.21	0.06	35.95	-1.60	0.05	9.30	-0.23	0.09	
94GDVB	101.33	5.87X	0.56	3.13	-0.62	0.36	63.17	4.26X	0.18	151.33	2.78X	0.36	15.54	2.03	0.10	
9VNH3Y	53.93	1.67	1.17	5.03	1.35	0.95	29.57	-0.02	0.48	65.43	-0.48	0.22	9.73	-0.07	0.40	
ARZH2A	22.77	-1.09	0.30	4.65	0.95	0.56	21.80	-1.01	0.62	63.80	-0.55	0.20	9.59	-0.12	0.77	
C9KVQL	30.49	-0.40	0.57	2.89	-0.87	1.46	28.96	-0.10	1.04	50.94	-1.03	3.48	7.86	-0.75	0.97	
C9YH39	42.60	0.67	0.15	3.92	0.19	0.14	32.68	0.38	0.07	75.68	-0.09	0.08	10.05	0.05	0.05	
CAVVLU	47.87	1.14	1.57	4.37	0.66	0.95	41.83	1.54	0.43	100.03	0.83	0.82	12.77	1.03	0.55	
CGE2KM	31.80	-0.29	0.46	3.65	-0.08	0.50	17.77	-1.52	0.41	46.13	-1.22	0.48	6.60	-1.20	0.33	
DFCQ2P	32.07	-0.26	0.11	2.87	-0.89	1.81	27.71	-0.25	0.10	57.77	-0.78	0.08	7.23	-0.97	0.56	
DH7CW2	45.99	0.97	0.95	4.46	0.76	2.56	40.70	1.40	0.72	119.47	1.57	1.66	13.37	1.25	1.37	
E6BP2Q	47.76	1.13	0.95	3.92	0.19	0.41	36.72	0.89	1.03	81.75	0.14	0.35	10.82	0.33	0.72	
F68HD3	41.00	0.53		4.00	0.28		35.00	0.67		78.00	-0.01		10.33	0.15	1.10	
F9TU6Z	70.01	3.10X	2.03	4.11	0.39	0.82	50.84	2.69X	0.64	136.03	2.20	0.56	14.30	1.58	1.47	
FRL62T	37.56	0.22	1.16	3.74	0.01	1.18	32.81	0.39	0.46	124.97	1.78	0.64	11.41	0.54	0.82	
GFK28J	40.21	0.46	0.45	2.57	-1.20	0.42	29.72	0.00	0.34	79.26	0.04	0.10	6.69	-1.17	0.60	
H3YETY	32.34	-0.24	0.61	3.43	-0.31	0.81	25.65	-0.52	0.19	56.63	-0.82	0.06	9.15	-0.28	0.51	
K3L8NK	32.21	-0.25	0.02	5.98	2.33	0.73	26.98	-0.35	0.48	77.83	-0.01	0.13	11.85	0.70	0.64	
KJEWMN	43.62	0.76	1.70	3.31	-0.43	0.75	35.14	0.69	0.36	88.23	0.38	0.21	10.59	0.24	0.65	
LMRRUR	30.87	-0.37	0.39	4.10	0.39	0.29	29.70	0.00	0.48	67.43	-0.41	0.09	9.58	-0.12	0.35	



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MC7E3T	23.50	-1.02	1.01	3.70	-0.03	1.64	35.17	0.69	1.09	84.80	0.25	1.10	11.13	0.44	1.10	
MGGB6G	48.94	1.23	2.18	4.59	0.89	0.52	40.25	1.34	1.55	101.42	0.88	1.10	12.59	0.97	2.00	
MZVA6R	100.47	5.80X		9.72	6.19X		62.81	4.21X		136.24	2.21		24.77	5.37X		
PQXTD7	47.49	1.10	1.95	3.90	0.18	2.12	36.86	0.91	3.13	86.06	0.30	1.27	11.75	0.66	1.18	
QG48KD	30.65	-0.39	0.54	3.56	-0.17	0.59	27.50	-0.28	0.27	99.23	0.80	0.82	9.79	-0.05	0.88	
QWWXK F	45.47	0.92	1.43	4.00	0.28	1.86	37.71	1.02	1.59	80.83	0.10	1.16	11.41	0.54	1.62	
TTW7PN	29.88	-0.46	0.27	3.41	-0.34	0.31	25.01	-0.60	0.34	63.34	-0.56	0.23	9.25	-0.24	0.85	
ULCXUJ	44.07	0.80	0.91	4.19	0.47	0.88	41.70	1.53	0.14	91.95	0.52	0.44	11.86	0.70	0.09	
V2DUA2	21.00	-1.24	0.36	3.00	-0.75		22.00	-0.98		40.33	-1.44	0.27	6.33	-1.30	1.10	
VCX42F	21.69	-1.18	0.35	1.05	-2.78	1.39	18.62	-1.41	0.25	47.79	-1.15	0.36	4.44	-1.98	0.84	
XMR4N4	29.80	-0.46	0.05	2.93	-0.82	0.86	24.67	-0.64	0.12	62.42	-0.60	0.28	8.28	-0.59	0.49	
XMRN8K	53.50	1.64	2.05	3.23	-0.52	0.21	29.78	0.01	0.59	71.31	-0.26	1.73	8.33	-0.57	0.35	
Y4BDNB	40.00	0.44	0.73	3.87	0.14	0.72	36.33	0.84	0.37	79.67	0.06	0.27	9.67	-0.09	1.10	
YJ2G9L	38.84	0.34	0.31	4.80	1.11	0.22	35.95	0.79	0.15	83.17	0.19	0.12	11.84	0.70	0.08	
Z9Z96A	31.63	-0.30	0.16	2.87	-0.89	0.28	24.05	-0.72	0.32	66.58	-0.44	0.43	6.96	-1.07	0.11	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	35.0			3.73			29.7			78.2			9.92			
Median Abs Dev	6.3			0.49			5.2			14.1			1.60			
Avg Within Lab SD	2.7			0.16			1.6			5.8			0.53			
Labs Included	38			39			38			40			40			
Labs Reporting	41			41			41			41			41			



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	0.35	0.33	1.16	1.50	0.50		0.46	0.88	0.76	0.99	1.01	1.59	1.10	0.61	0.00	
2LN38A	0.45	1.25	0.95	2.39	4.95X	1.82	0.57	2.32	1.87	1.23	2.34	3.41	1.42	2.50	2.17	
2XY86A	0.30	-0.20	0.00	1.10	-1.49	0.00	0.40	0.07	0.00	0.70	-0.54	0.00	0.80	-1.19	0.00	
34HUBZ	0.29	-0.29	0.00	1.48	0.41	0.18	0.33	-0.88	0.29	0.75	-0.25	0.30	1.03	0.17	0.42	
4N4LCG	0.28	-0.42	0.17	1.40	0.00	0.00	0.37	-0.38	0.44	0.75	-0.27	0.20	0.96	-0.21	0.50	
4ZXRY8	0.25	-0.70	0.92	1.48	0.41	0.86	0.29	-1.41	0.65	0.69	-0.62	0.53	0.90	-0.58	0.68	
7GTEK4	0.23	-0.84	1.21	1.74	1.71	4.62	0.38	-0.20	2.74	0.77	-0.15	0.32	0.95	-0.32	2.24	
7XL6K7	0.28	-0.39	0.29	1.39	-0.05	0.20	0.41	0.20	0.29	0.78	-0.13	0.23	0.91	-0.55	0.12	
94GDVB	0.63	3.00X	0.88	1.50	0.50		0.49	1.28	0.29	1.46	3.57X	0.20	1.70	4.20X	0.20	
9VNH3Y	0.37	0.46	1.66	1.70	1.49	1.17	0.43	0.52	1.66	0.80	0.00	0.00	1.00	0.01		
ARZH2A	0.23	-0.93	0.95	1.24	-0.79	0.56	0.29	-1.36	1.59	0.77	-0.16	1.84	0.85	-0.89	0.26	
C9KVQL	0.23	-0.88	0.58	1.19	-1.03	1.06	0.34	-0.74	0.76	0.71	-0.47	1.64	0.78	-1.33	1.34	
C9YH39	0.29	-0.26	0.17	1.59	0.93	0.41	0.43	0.47	0.29	0.88	0.42	0.49	1.13	0.79	0.20	
CAVVLU	0.36	0.36	0.33	1.47	0.35	0.84	0.43	0.43	1.42	1.00	1.08	0.52	1.00	0.01	1.00	
CGE2KM	0.29	-0.33	0.66	1.23	-0.83	0.67	0.29	-1.46	0.67	0.57	-1.26	1.13	0.70	-1.79	0.00	
DFCQ2P	0.26	-0.62	0.44	1.20	-1.01	0.70	0.32	-1.06	0.17	0.66	-0.76	0.20	0.83	-1.03	0.50	
DH7CW2	0.38	0.60	2.83	1.47	0.35	1.62	0.40	0.10	2.88	0.94	0.75	2.17	1.10	0.58	2.33	
E6BP2Q	0.34	0.17	0.21	1.37	-0.16	1.26	0.39	-0.06	0.52	0.79	-0.03	0.48	0.93	-0.44	0.94	
F68HD3	0.50	1.76		1.40	0.00	0.00	0.50	1.41		0.80	0.00	0.00	0.93	-0.39	1.16	
F9TU6Z	0.60	2.72	1.86	1.81	2.04	0.62	0.47	1.02	0.39	1.10	1.60	0.32	1.27	1.63	1.00	
FRL62T	0.32	0.00	1.00	1.46	0.30	0.40	0.40	0.02	0.44	1.06	1.39	0.30	1.08	0.49	0.20	
GFK28J	0.46	1.37	0.00	1.13	-1.36	0.24	0.34	-0.74	0.00	0.98	0.97	0.20	1.04	0.25	0.20	
H3YETY	1.38	10.42X	0.33	0.39	-5.01X	0.27	2.81	32.58X	2.02	0.44	-1.95	0.00	1.64	3.84X	0.69	
K3L8NK	0.31	-0.07	0.16	0.99	-2.02	0.35	0.30	-1.25	0.45	0.84	0.19	0.27	1.01	0.07	0.30	
KJEWMN	0.33	0.13	0.75	1.39	-0.03	0.36	0.40	0.04	0.77	0.90	0.52	1.00	1.03	0.21	1.10	
LMRRUR	0.25	-0.69		0.80	-2.97	0.07	0.31	-1.15	0.00	0.57	-1.23	0.11	0.69	-1.87	0.12	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MC7E3T	0.24	-0.82	1.09	1.38	-0.10	1.18	0.41	0.16	1.30	0.88	0.43	1.28	1.00	-0.01	1.10	
MGGB6G	0.30	-0.19	0.69	1.56	0.81	0.93	0.40	0.08	1.61	0.91	0.61	2.12	1.03	0.22	2.71	
MZVA6R	0.19	-1.27		2.81	7.01X		8.08	103.52X		7.13	34.27X		1.16	0.97		
PQXTD7	0.45	1.28	2.67	1.50	0.49	0.61	0.39	-0.12	0.93	0.92	0.67	0.98	1.10	0.60	0.73	
QG48KD	0.38	0.62	1.16	1.42	0.08	0.37	0.43	0.47	0.29	0.96	0.85	0.30	0.95	-0.31	0.83	
QWWXK F	0.36	0.36	0.45	1.52	0.61	0.82	0.40	0.00	0.89	0.82	0.12	0.58	1.04	0.26	1.11	
TTW7PN	0.42	0.93	0.76	1.30	-0.52	0.27	0.36	-0.42	0.27	0.75	-0.28	0.54	0.79	-1.24	0.28	
ULCXUJ	0.35	0.32	0.92	1.56	0.78	0.45	0.39	-0.13	0.04	0.86	0.30	0.28	1.05	0.32	0.11	
V2DUA2	0.21	-1.11	0.44	1.34	-0.30	0.12	0.28	-1.59	0.17	0.55	-1.34	0.60	0.77	-1.35	0.12	
VCX42F	0.37	0.51	0.25	1.41	0.05	0.48	0.41	0.22	0.23	0.94	0.77	0.57	1.10	0.59	0.60	
XMR4N4	0.22	-1.01	0.10	1.33	-0.33	0.18	0.32	-1.06	0.86	0.70	-0.56	0.31	0.89	-0.65	0.02	
XMRN8K	0.30	-0.17	0.69	1.38	-0.10	0.14	0.36	-0.53	0.12	0.73	-0.39	0.53	0.94	-0.35	0.56	
Y4BDNB	0.33	0.10	0.50	1.33	-0.33	0.34	0.41	0.25	0.33	0.75	-0.27		0.88	-0.69	0.58	
YJ2G9L	0.39	0.64	0.10	1.35	-0.25	0.07	0.47	1.06	0.06	0.89	0.51	0.15	1.03	0.21	0.18	
Z9Z96A	0.44	1.21	0.83	1.43	0.17	0.24	0.34	-0.79	0.60	1.01	1.14	0.39	1.52	3.10X	1.10	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	0.32			1.40			0.40			0.80			1.00			
Median Abs Dev	0.06			0.09			0.04			0.10			0.09			
Avg Within Lab SD	0.03			0.09			0.03			0.05			0.05			
Labs Included	39			38			39			39			38			
Labs Reporting	41			41			41			41			41			



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
SRS1911				SRS1912			SRS1913			SRS1914			SRS1915			
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	
FRL62T	2.98		1.00	1.12		1.00	0.48		1.00	1.06		1.00	0.10		1.00	

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
SRS1911				SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	2.98			1.12			0.48			1.06			0.10			
Median Abs Dev																
Avg Within Lab SD	0.05			0.09			0.01			0.01			0.03			
Labs Included	1			1			1			1			1			
Labs Reporting	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	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2LN38A	13.8	4.7X	14.4	117.6	-1.0	3.0	9.0	1.8	2.4	8.0	1.9	1.6	3.6	0.0	0.8		
4N4LCG	6.7	0.3	0.4	136.7	-0.7	0.6	6.1	-0.8	0.2	3.6	-0.1	0.2	5.9	1.3	1.0		
9VNH3Y	6.3	0.0	0.1	179.4	0.2	0.1	7.0	0.0	0.1	4.7	0.4	1.6	5.3	0.9	0.2		
E6BP2Q	7.1	0.5	0.3	209.3	0.7	0.3	8.0	0.9	0.1	5.4	0.7	0.4	2.6	-0.6	0.5		
FJRZ8R	10.1	2.4	0.2	163.0	-0.2	0.4	7.7	0.6	0.3	7.5	1.7	1.4	5.6	1.1	1.0		
K3L8NK	5.4	-0.5	0.3	280.9	2.1	0.1	17.0	9.1X	0.1	2.7	-0.5	0.2	3.5	-0.1	0.7		
MC7E3T	4.8	-0.9	0.5	145.7	-0.5	0.2	5.6	-1.3	0.2	2.5	-0.6	0.1	2.1	-0.9	0.3		
QG48KD	4.7	-1.0	1.8	197.3	0.5	0.2	6.5	-0.5	1.4	4.1	0.1	1.4	5.4	1.0	1.0		
XMRN8K	6.8	0.3	2.0	135.6	-0.7	0.5	6.9	-0.1	0.6	3.5	-0.2	0.8	3.7	0.0	2.3		
Y4BDNB	6.0	-0.2		185.0	0.3	0.3	7.0	0.0		2.8	-0.5	0.3	2.3	-0.8	0.5		

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups															Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
Grand Median	6.28			171.2			7.00			3.89			3.66				
Median Abs Dev	0.86			30.3			0.67			1.11			1.43				
Avg Within Lab SD	0.49			19.4			1.85			1.12			0.53				
Labs Included	9			10			9			10			10				
Labs Reporting	10			10			10			10			10				



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	0.13	0.07	0.29	1.23	-0.62	0.31	0.21	0.17	0.22	0.16	-0.10	0.13	0.58	-0.52	0.25
3NN6JA	0.10	-0.28		1.90	0.55	0.00	0.10	-0.93	0.00	0.10	-0.66	0.00	0.90	0.30	0.00
4ZXRY8	0.08	-0.51	0.45	1.54	-0.08	0.81	0.16	-0.35	2.25	0.14	-0.31	0.90	0.43	-0.88	0.49
7XL6K7	0.22	0.94	2.33	1.41	-0.31	0.82	0.47	2.87X	7.69	0.36	1.69	3.64	1.35	1.42	0.86
8HLPXH	0.12	-0.07	0.87	1.83	0.42	2.97	0.20	0.10	0.39	0.19	0.11	0.46	0.93	0.37	3.54
A6CNEX	0.11	-0.16	0.23	1.29	-0.53	0.06	0.13	-0.63	0.19	0.15	-0.21	0.12	0.61	-0.42	0.06
DH7CW2	0.50	3.92X	3.95	1.60	0.02	1.27	0.37	1.80	1.94	0.34	1.51	1.31	1.02	0.60	1.08
E6BP2Q	0.20	0.81	1.91	2.01	0.74	1.27	0.29	1.01	1.31	0.20	0.26	0.92	0.88	0.25	1.10
F68HD3	0.30	1.80	0.00	1.60	0.03	0.00	0.33	1.47	2.22	0.23	0.53	1.28	0.90	0.30	0.00
F9TU6Z	0.35	2.35	2.25	3.05	2.56	1.54	0.30	1.12	0.96	0.30	1.12	1.13	1.60	2.06	2.05
FRL62T	0.10	-0.28		0.57	-1.78		0.11	-0.83		0.12	-0.48		0.15	-1.59	
GFK28J	0.28	1.59	0.50	1.29	-0.52	0.20	0.16	-0.28	0.22	0.40	2.04	0.34	0.75	-0.08	0.30
K3L8NK	0.09	-0.33	0.20	4.65	5.38X	0.55	0.26	0.67	0.41	0.12	-0.45	0.06	1.04	0.65	0.22
KJEWMN	0.13	0.06	0.10	1.93	0.60	0.61	0.19	0.04	0.56	0.18	0.02	0.32	1.22	1.10	0.35
KTJECT	0.13	0.00	0.77	1.47	-0.20	0.64	0.21	0.20	0.39	0.20	0.20	0.13	0.65	-0.32	0.74
KXBBLW	0.19	0.67	0.37	2.45	1.52	0.50	0.28	0.96	0.21	0.23	0.51	0.70	0.95	0.43	0.25
MC7E3T				1.58	-0.01	1.42	0.22	0.30	0.39				0.56	-0.57	0.42
MGGB6G	0.09	-0.43	0.51	2.17	1.02	1.05	0.09	-1.06	0.21	0.10	-0.64	0.02	0.79	0.03	0.84
NP96FK	0.08	-0.52	1.46	0.98	-1.07	1.08	0.11	-0.83	1.16	0.10	-0.69	0.13	0.40	-0.97	0.56
QWWXK	0.15	0.19	0.09	1.59	0.00	0.45	0.19	-0.04	0.36	0.17	-0.02	0.11	0.77	-0.03	0.75
F															
UQ3YJH				1.62	0.06	0.75							0.57	-0.53	0.31
VCX42F	0.06	-0.72	0.51	2.13	0.95	0.05	0.16	-0.29	1.27	0.14	-0.30	0.10	1.20	1.05	0.28
YJ2G9L	0.04	-0.94	0.09	0.87	-1.26	0.16	0.03	-1.69	0.13	0.04	-1.20	0.04	0.14	-1.62	0.04
Z9Z96A	0.27	1.46	0.29	1.22	-0.64	0.11	0.18	-0.07	0.59	0.37	1.78	0.68	0.73	-0.12	0.21



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups

Data units: mg/kg

	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915
Grand Median	0.13	1.59	0.19	0.17	0.78
Median Abs Dev	0.05	0.31	0.06	0.06	0.21
Avg Within Lab SD	0.02	0.15	0.03	0.05	0.10
Labs Included	21	23	22	22	24
Labs Reporting	22	24	23	22	24



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2LN38A	0.03	-0.56		3.22	4.78X	1.35				0.02	-1.10	0.78	0.78	0.65	2.33	
4N4LCG	0.10	0.66	0.88	2.27	-0.13	0.79	0.08	0.03	0.69	0.09	-0.08	2.31	0.76	0.49	0.64	
94GDVB	0.05	-0.16	0.44	2.33	0.22	0.79	0.07	-0.05	0.38	0.11	0.08	0.42	0.69	-0.18	0.31	
9VNH3Y	0.17	1.69	1.17	2.31	0.11	0.88	0.12	0.99	3.00	0.41	4.10X	2.12	0.61	-0.95	1.24	
ARZH2A	0.05	-0.27	0.16	2.33	0.20	1.42	0.07	-0.03	0.68	0.11	0.12	0.77	0.72	0.05	0.42	
C9KVQL	0.10	0.66	0.44	2.20	-0.47	1.37	0.10	0.55	0.00	0.20	1.31	0.00	0.63	-0.70	1.77	
CGE2KM	0.02	-0.67	0.13	2.09	-1.02	0.38	0.03	-1.07	0.40	0.02	-1.05	0.30	0.49	-2.03	0.21	
DFCQ2P	0.03	-0.60	0.44	2.19	-0.50	2.06	0.04	-0.83	0.87	0.05	-0.62	0.85	0.66	-0.46	0.31	
QG48KD	0.12	0.98	1.76	2.49	1.01	0.96	0.10	0.48	0.87	0.14	0.56	1.53	0.82	1.01	0.81	
V2DUA2	0.01	-0.81	0.44	2.91	3.18	0.27	0.02	-1.20	0.00	0.03	-0.92	0.73	0.71	0.00	0.31	
XMR4N4	0.07	0.16	0.29	2.27	-0.11	0.14	0.08	0.06	0.29	0.13	0.45	0.83	0.73	0.14	0.15	
XMRN8K	0.27	3.32X	27.80	2.45	0.84	0.13	0.02	-1.17	0.40	0.06	-0.50	0.96	0.75	0.34	0.72	
Y4BDNB	0.12	0.88	2.20	2.23	-0.30	0.79	0.15	1.64	0.00	0.20	1.31	0.00	0.52	-1.77	0.89	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	0.063			2.29			0.075			0.10			0.71			
Median Abs Dev	0.040			0.07			0.032			0.05			0.05			
Avg Within Lab SD	0.013			0.07			0.007			0.01			0.03			
Labs Included	12			12			12			12			13			
Labs Reporting	13			13			12			13			13			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
C9YH39	0.05	0.49	0.00	0.14	0.37	0.00	0.06	0.00	0.00	0.10	0.00	0.00	0.34	0.98	0.00	
DFCQ2P	0.05	-0.26	1.65	0.14	0.21	1.66	0.06	0.00	1.97	0.09	-0.60	1.62	0.34	0.90	1.64	
F9TU6Z	0.05	0.26	0.29	0.17	1.70	1.09	0.11	2.56	1.13	0.13	2.00	0.81	0.25	-1.43	1.14	
MGGB6G	0.04	-1.87	1.26	0.11	-1.37	1.07	0.04	-0.86	0.07	0.08	-1.13	1.31	0.28	-0.50	1.90	
MZVA6R	0.05	0.49	0.00	0.13	-0.12	0.00	0.05	-0.55	0.00	0.10	0.00	0.00	0.30	-0.04	0.00	
QG48KD	0.05	0.72	1.74	0.14	0.12	1.50	0.06	0.16	0.98	0.11	0.56	1.31	0.30	0.04	0.23	
V2DUA2	0.05	-0.50	0.43	0.11	-1.22	0.63	0.05	-0.57	1.04	0.08	-0.91	0.92	0.25	-1.23	0.53	
YJ2G9L	0.04	-0.79	0.66	0.13	-0.27	0.50	0.07	0.69	0.89	0.10	0.20	0.67	0.31	0.27	0.26	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	0.048			0.13			0.060			0.10			0.30			
Median Abs Dev	0.002			0.01			0.010			0.01			0.03			
Avg Within Lab SD	0.004			0.01			0.005			0.01			0.02			
Labs Included	8			8			8			8			8			
Labs Reporting	8			8			8			8			8			



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9AQ8WE	0.05	-0.33	0.00	0.15	-0.05	1.57	0.05	-0.75	0.00	0.10	-0.14	0.00	0.31	-0.34	0.00	
9VNH3Y	0.06	0.26	0.76	0.15	0.26	0.34	0.07	0.59	0.96	0.10	0.01	0.55	0.34	0.43	0.64	
A6CNEX	0.05	0.13	1.14	0.14	-0.37	0.84	0.06	-0.28	1.01	0.10	-0.01	0.75	0.30	-0.64	0.68	
C9KVQL	0.04	-1.58	2.24	0.14	-0.35	0.34	0.06	-0.08	1.87	0.10	-0.35	1.23	0.31	-0.34	1.63	
CGE2KM	0.06	0.65	0.00	0.17	1.32	0.38	0.07	0.92	0.00	0.12	1.13	0.00	0.36	1.01	0.98	
DFCQ2P	0.04	-1.30	0.00	0.13	-0.71	1.28	0.05	-1.03	1.54	0.09	-0.98	1.25	0.29	-1.02	0.98	
E6BP2Q	0.04	-0.94	0.04	0.15	0.11	0.06	0.06	-0.29	0.11	0.10	-0.30	0.14	0.33	0.18	0.16	
EGNC74	0.20	14.35X		0.28	7.66X	2.22				0.23	7.86X	1.25	0.42	2.75	0.98	
L4DKRP	0.06	0.98	1.46	0.15	0.05	1.28	0.07	0.92	0.00	0.11	0.28	1.25	0.29	-1.02	0.98	
MC7E3T	0.05	-0.55	1.86	0.14	-0.10	1.73	0.06	-0.14	2.08	0.10	-0.01	1.09	0.32	-0.12	2.26	
PQXTD7	0.05	-0.13	0.44	0.16	0.75	0.10	0.07	0.73	0.48	0.11	0.73	0.04	0.33	0.12	0.25	
QMW82U	0.07	1.47	0.73	0.10	-2.71	1.85	0.04	-1.73	0.94	0.16	3.55	1.33	0.14	-5.32X	0.51	
R7LDZQ	0.05	-0.23	0.25	0.14	-0.47	0.34	0.06	0.08	0.27	0.10	-0.16	0.13	0.31	-0.21	0.52	
V2DUA2	0.06	0.44	0.58	0.16	0.96	0.31	0.07	0.93	0.54	0.12	0.84	0.43	0.34	0.67	0.60	
VCX42F	0.06	0.45	0.65	0.17	1.24	0.72	0.07	0.98	0.62	0.12	0.96	2.31	0.34	0.60	0.90	

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	0.053			0.15			0.059			0.10			0.32			
Median Abs Dev	0.005			0.01			0.009			0.01			0.02			
Avg Within Lab SD	0.004			0.00			0.004			0.00			0.01			
Labs Included	14			14			14			14			14			
Labs Reporting	15			15			14			15			15			



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
94GDVB	1.43	3.11	1.04	3.04	14.33X	1.18	1.29	15.07X	0.51	2.30	16.98X	0.00	6.45	2.33	0.22
9AQ8WE	0.69	-0.34	0.28	1.19	-0.16	0.61	0.47	-1.33	0.73	1.01	-0.27	0.00	3.93	-0.03	0.19
A6CNEX	0.81	0.23	0.43	1.41	1.55	0.24	0.55	0.25	1.82	1.11	1.06	0.04	4.37	0.38	0.13
C9KVQL	0.72	-0.17	0.10	1.27	0.44	1.31	0.53	-0.20	1.07	1.00	-0.40	1.57	4.30	0.31	0.74
CGE2KM	0.78	0.12	0.40	1.05	-1.29	0.59	0.56	0.41	0.34	1.13	1.27	0.42	2.58	-1.30	0.08
E6BP2Q	0.69	-0.32	0.35	1.11	-0.76	0.13	0.53	-0.20	0.52	1.05	0.29	0.13	3.77	-0.18	0.04
L4DKRP	0.73	-0.13	0.68	1.21	0.00	0.21	0.54	0.00	0.59	1.03	0.00	0.36	3.77	-0.18	0.03
MC7E3T	0.79	0.15	0.79	1.09	-0.94	0.74	0.55	0.36	0.17	1.03	0.00	0.62	3.71	-0.24	0.23
QMW82U	0.76	0.00	0.24	1.34	1.02	0.08	0.56	0.39	0.48	1.07	0.58	0.71	4.28	0.30	0.10
ULCXUJ	1.40	2.97	1.58	2.26	8.21X	1.27	1.02	9.64X	3.47	1.82	10.62X	1.02	7.08	2.92	0.25
UQ3YJH	0.65	-0.49	0.66	1.22	0.05	0.70	0.46	-1.60	1.74	0.90	-1.74	0.71	3.97	0.00	1.09
V2DUA2	0.83	0.32	0.48	1.34	1.01	0.36	0.63	1.82	0.54	1.09	0.79	0.58	3.61	-0.33	0.42
VCX42F	0.67	-0.42	2.66	1.18	-0.21	2.70	0.49	-0.85	1.31	0.95	-1.01	2.54	4.25	0.26	3.29

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups					Data units: Percent
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915
Grand Median	0.76	1.21	0.54	1.03	3.97
Median Abs Dev	0.07	0.10	0.02	0.04	0.32
Avg Within Lab SD	0.03	0.05	0.02	0.03	0.22
Labs Included	13	11	11	11	13
Labs Reporting	13	13	13	13	13



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XY86A	1.35	0.55	0.95	2.19	0.92	1.47	1.02	1.09	0.27	1.98	0.27	0.49	6.01	0.06	0.64	
C9YH39	0.67	-1.82	0.14	1.93	0.00	0.66	0.76	-0.76	0.48	2.19	0.95	0.50	5.29	-0.54	0.34	
DH7CW2	1.13	-0.23	2.58	1.86	-0.22	1.13	0.84	-0.25	2.06	1.69	-0.64	1.54	6.64	0.59	0.13	
F68HD3	1.40	0.72	0.00	1.70	-0.80	0.00	0.80	-0.50	0.00	1.67	-0.72	0.52	4.50	-1.20		
F9TU6Z	0.95	-0.84	0.30	1.57	-1.28	0.24	0.70	-1.25	0.52	1.60	-0.94	0.10	4.30	-1.37	0.89	
FJRZ8R	1.14	-0.17	0.76	1.89	-0.14	0.52	0.79	-0.57	0.69	1.91	0.07	0.49	5.86	-0.06	0.79	
FRL62T	1.19	-0.02	0.21	1.92	-0.04	0.32	0.90	0.24	0.70	1.93	0.13	0.14	6.67	0.62	0.52	
H3YETY	0.97	-0.77	0.35	1.37	-1.97	0.62	0.64	-1.66	1.04	1.35	-1.71	1.14	4.40	-1.28	2.11	
MC7E3T	1.19	0.00	0.62	1.96	0.11	0.12	0.88	0.09	0.48	1.87	-0.07	0.09	6.42	0.41	1.14	
MGGB6G	2.46	4.41X	0.55	2.82	3.18X	3.14	1.34	3.37X	4.91	2.39	1.58	3.11	6.03	0.08	2.20	
MZVA6R	1.22	0.09	0.36	1.96	0.11	0.24	0.87	0.00	0.40	1.92	0.10	0.37	6.10	0.14	0.38	
NP96FK	1.57	1.30	2.10	2.07	0.50	2.39	0.83	-0.26	1.33	2.37	1.51	1.37	4.53	-1.18	1.40	
TF6KJT	1.28	0.31	0.29	1.92	-0.01	0.66	0.96	0.66	0.48	1.78	-0.36	0.27	5.48	-0.38	0.18	
V2DUA2	1.37	0.63	0.68	1.94	0.04	1.61	1.01	1.00	0.61	2.03	0.44	0.50	6.36	0.36	1.21	
VCX42F	1.49	1.04	0.94	2.25	1.15	1.60	1.03	1.13	1.18	2.24	1.12	0.37	6.52	0.49	0.44	
XMR4N4	1.50	1.05	0.66	1.73	-0.69	0.19	0.71	-1.17	0.08	1.87	-0.08	0.55	4.69	-1.05	0.36	
YJ2G9L	1.04	-0.54	0.30	2.02	0.32	0.81	0.98	0.77	0.40	1.81	-0.27	0.21	6.54	0.51	0.27	
ZHN8VE	0.80	-1.38	1.30	2.82	3.17	0.55	0.88	0.07	2.42	1.52	-1.19	0.90	3.78	-1.81	0.45	

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	1.19			1.93			0.87			1.89			5.93			
Median Abs Dev	0.18			0.09			0.09			0.17			0.62			
Avg Within Lab SD	0.07			0.05			0.04			0.11			0.18			
Labs Included	17			17			17			18			18			
Labs Reporting	18			18			18			18			18			



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2LN38A	1.31	-0.67	1.69	2.64	-0.31	1.03	1.12	-1.09	1.48	2.29	-1.38	0.71	5.99	-0.99	1.02		
4N4LCG	1.43	0.24	1.71	2.30	-1.12	0.00	1.13	-1.01	0.90	2.57	0.25	2.04	6.73	0.22	1.19		
4QNZDW	1.50	0.69	0.67	2.22	-1.31	0.78	1.27	0.05	1.59	2.45	-0.46	0.44	6.52	-0.13	0.20		
4ZXRY8	1.55	1.08	0.57	2.80	0.08	0.43	1.18	-0.65	0.25	2.71	1.12	0.96	7.20	0.98	0.69		
69N3V2	1.35	-0.38	1.51	2.55	-0.51	1.84	1.12	-1.13	2.99	2.42	-0.62	1.97	6.71	0.19	0.35		
7XL6K7	1.29	-0.81	1.19	2.93	0.40	1.29	1.30	0.29	0.54	2.56	0.23	0.41	6.58	-0.04	0.43		
8DRFGB	1.37	-0.24	0.86	2.47	-0.72	1.10	1.20	-0.49	0.00	2.47	-0.34	1.13	6.27	-0.55	0.39		
9AQ8WE	1.53	0.96	0.86	3.13	0.89	1.45	1.47	1.58	0.90	2.77	1.43	0.57	7.27	1.09	0.86		
9CQHQT	1.47	0.48	0.60	3.38	1.48	1.81	1.28	0.16	1.30	2.60	0.47	0.82	7.08	0.79	0.86		
9VNH3Y	1.30	-0.69	0.43	2.42	-0.83	0.53	1.09	-1.38	0.96	2.35	-1.00	0.25	6.25	-0.57	0.16		
A6CNEX	1.36	-0.32	0.34	2.53	-0.57	0.52	1.30	0.32	0.12	2.57	0.27	0.34	6.48	-0.20	0.27		
AN287A	1.56	1.15	0.05	2.89	0.31	0.39	1.26	-0.03	0.27	2.53	0.02	0.20	6.43	-0.28	0.18		
ARZH2A	1.37	-0.24	0.86	2.87	0.25	0.55	1.23	-0.23	0.90	2.50	-0.14	0.98	6.53	-0.11	0.20		
C926H2	1.41	0.08	0.14	2.67	-0.24	0.15	1.23	-0.30	0.31	2.56	0.21	0.54	6.70	0.16	0.76		
CAVVLU	1.42	0.14	0.39	3.59	1.98	0.56	1.36	0.75	0.95	2.66	0.78	0.34	7.22	1.02	0.44		
DFCQ2P	1.20	-1.44	0.97	2.44	-0.79	0.49	1.17	-0.70	0.86	2.28	-1.46	0.32	5.67	-1.52	0.19		
DH7CW2	0.81	-4.26X	3.35	6.84	9.82X	3.61	2.74	11.52X	4.44	4.32	10.56X	1.31	7.21	1.01	1.40		
DJFNCH	1.40	0.00	0.00	2.80	0.08	0.00	1.27	0.03	0.90	2.87	2.02	0.57	7.83	2.02	5.21		
E6BP2Q	1.47	0.49	0.25	2.59	-0.41	0.17	1.24	-0.21	0.68	2.51	-0.08	0.19	6.64	0.07	0.24		
FJRZ8R	1.23	-1.20	0.86	3.67	2.17	2.39	1.23	-0.23	0.90	2.40	-0.73	0.00	6.67	0.11	0.71		
G7HJY2	2.11	5.09X	0.30	2.30	-1.13	0.48	1.56	2.34	1.61	2.49	-0.22	1.17	8.07	2.41	0.15		
GAGXLR	1.34	-0.43	0.00	2.50	-0.64		1.21	-0.42	0.00	2.46	-0.38	0.00	6.21	-0.64	0.00		
GFK28J	1.35	-0.33	0.45	2.52	-0.59	0.00	1.26	0.00	0.09	2.52	-0.02	0.26	6.41	-0.32	0.13		
J4PWAQ	1.22	-1.26	0.00	2.27	-1.21	0.00	1.14	-0.95	0.00	2.34	-1.06	0.00	6.22	-0.62	0.00		
K3L8NK	1.24	-1.13	0.34	2.50	-0.64	0.71	1.29	0.18	0.48	2.52	-0.02	0.28	6.23	-0.60	0.17		
KCQE3K	1.26	-1.00	0.26	2.59	-0.43	0.36	1.16	-0.83	0.18	2.49	-0.22	0.15	6.08	-0.85	0.10		



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KJEWMN	1.37	-0.24	1.71	3.23	1.13	1.45	1.33	0.54	0.90	2.57	0.25	0.57	6.73	0.22	1.09	
KYMVRL	1.46	0.45	1.81	3.17	0.98	2.86	1.39	0.99	1.92	2.60	0.47	0.70	7.16	0.92	0.41	
LMRRUR	1.44	0.26	0.17	3.07	0.74	0.20	1.35	0.70	0.09	2.61	0.53	0.15	6.29	-0.51	0.20	
LZHQUN	1.60	1.44	0.00	2.90	0.33	0.00	1.40	1.06	0.00	2.80	1.63	0.00	7.33	1.20	0.20	
MGGB6G	1.53	0.96	1.52	2.91	0.34	1.24	1.44	1.40	1.10	2.76	1.39	1.65	7.01	0.67	1.31	
NBT3ZG	1.48	0.57	0.68	2.96	0.48	0.57	1.43	1.27	0.24	2.28	-1.42	0.41	5.88	-1.19	0.05	
NP96FK	1.43	0.24	0.86	2.80	0.08	0.00	1.30	0.29	0.00	2.60	0.45	0.00	7.20	0.98	0.00	
NWT9MM	1.55	1.08	1.63	3.43	1.60	1.52	1.68	3.22X	1.49	2.57	0.27	0.88	7.99	2.28	0.14	
PFDMEG	1.09	-2.22	0.15	3.11	0.82	0.33	1.29	0.23	0.39	2.59	0.37	0.25	6.17	-0.71	0.28	
QG48KD	1.34	-0.41	3.71	2.91	0.35	2.32	1.15	-0.91	2.58	2.42	-0.61	2.21	6.60	0.01	2.40	
QMW82U	1.46	0.45	0.09	2.79	0.07	0.05	1.21	-0.44	0.63	2.38	-0.87	0.15	6.30	-0.49	0.35	
QWWXK F	1.37	-0.24	0.86	2.63	-0.32	0.55	1.23	-0.23	0.90	2.43	-0.53	0.57	6.60	0.00	0.00	
R7LDZQ	1.41	0.05	0.09	2.73	-0.08	0.00	1.31	0.34	0.09	2.55	0.15	0.00	6.51	-0.15	0.07	
T8RVGE	1.49	0.63	0.27	3.05	0.69	0.67	1.37	0.81	0.34	2.83	1.80	4.09	6.64	0.07	0.10	
TBQ22C	1.40	0.00	0.00	2.80	0.08	0.00	1.33	0.54	0.90	2.57	0.25	0.57	6.90	0.49	0.00	
TTW7PN	1.14	-1.86	0.58	2.30	-1.13	0.01	1.03	-1.85	1.13	2.23	-1.75	1.00	5.55	-1.72	0.42	
XMRN8K	1.45	0.38	0.17	2.74	-0.07	0.59	1.33	0.51	0.51	2.61	0.51	0.18	6.71	0.18	0.14	
Y4BDNB	1.30	-0.72	0.00	2.60	-0.40	0.00	1.18	-0.62	0.45	2.43	-0.53	0.57	6.53	-0.11	0.20	
Z9Z96A	1.21	-1.34	0.37	2.40	-0.89	0.48	1.14	-0.93	0.79	2.36	-0.99	0.32	6.01	-0.96	0.12	

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	1.40			2.76			1.26			2.52			6.60			
Median Abs Dev	0.07			0.24			0.07			0.08			0.35			
Avg Within Lab SD	0.07			0.11			0.06			0.10			0.29			
Labs Included	43			44			43			44			45			
Labs Reporting	45			45			45			45			45			



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
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			
MC7E3T	1.63		1.30	4.20		1.38	1.57		1.16	2.93		1.24	8.40		0.00			
Z9Z96A	1.15		0.57	2.22		0.31	1.09		0.81	2.19		0.69	5.48		1.41			
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
Grand Median	1.39			3.21			1.33			2.56			6.94					
Median Abs Dev	0.04			0.14			0.05			0.05			0.02					
Avg Within Lab SD	2			2			2			2			2					
Labs Included	2			2			2			2			2					
Labs Reporting	2			2			2			2			2					



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CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB													3.77	-0.28	0.31	
2LN38A	0.42	-0.07	0.74	1.17	-0.39	0.66	0.26	-0.63	1.58	0.46	-0.18	1.10	3.10	-0.76	1.62	
DFCQ2P	0.10	-1.08	0.00	2.27	0.55	1.85	0.35	-0.28	1.27	3.43	2.80	2.01	6.25	1.50	2.24	
EGNC74				1.53	-0.08	0.34							3.57	-0.42	0.62	
KLZB6Q				2.05	0.36	0.10							5.53	0.98	0.58	
LZHQUN	0.44	0.00	0.00	1.20	-0.37	0.22	0.44	0.08	0.00	0.44	-0.20	0.00	3.63	-0.38	0.24	
MC7E3T				1.73	0.08	0.09							4.16	0.00	0.61	
MGGB6G	0.87	1.35	0.84	4.19	2.20	0.36	1.00	2.29	0.40	1.47	0.83	1.10	6.82	1.90	0.88	
NP96FK	0.83	1.24	2.34	3.83	1.89	2.39	0.67	0.97	1.65	0.90	0.26	0.72	6.63	1.77	1.34	
ULCXUJ	0.51	0.22	0.54	1.34	-0.25	0.19	0.42	0.00	0.10	0.64	0.00	0.17	4.43	0.19	0.49	
V2DUA2													4.25	0.07		
Y4BDNB	0.20	-0.76	0.00	0.97	-0.57	0.34	0.30	-0.48	0.00	0.20	-0.45	0.00	3.90	-0.18	0.53	
YJ2G9L													3.67	-0.34	0.02	

CaCO3 Content (SubTestCode 185) in the Content Property Groups						Data units: Percent
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	0.44	1.63	0.42	0.64	4.16	
Median Abs Dev	0.24	0.44	0.12	0.26	0.53	
Avg Within Lab SD	0.05	0.17	0.13	0.14	0.19	
Labs Included	7	10	7	7	13	
Labs Reporting	7	10	7	7	13	



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
C9YH39	2.4	-1.1	0.1	23.8	-0.1	0.7	6.9	-0.7	1.0	5.5	-1.2	0.5	32.6	-0.2	0.3	
DFCQ2P	3.7	0.7	0.6	18.2	-1.4	2.0	7.1	-0.6	0.6	8.1	0.0	0.6	27.1	-1.0	0.6	
FJRZ8R	3.0	-0.3		22.4	-0.5		7.9	0.0		8.0	0.0		30.3	-0.5		
MC7E3T	3.1	-0.1	0.3	25.1	0.1	0.5	7.8	0.0	1.3	7.5	-0.2	1.2	35.9	0.2	0.9	
NP96FK	4.3	1.6	2.1	31.0	1.5	0.6	11.3	2.7	1.3	13.7	2.6	1.7	39.3	0.7	1.9	
V2DUA2	3.3	0.1	0.0	25.7	0.3	0.0	7.9	0.0	0.5	8.2	0.0	0.4	44.2	1.4	0.1	

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Grand Median	3.20			24.4			7.86			8.06			34.3		
Median Abs Dev	0.35			1.7			0.40			0.32			4.5			
Avg Within Lab SD	0.27			1.6			0.43			0.35			2.0			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4ZXRY8	6.3	0.8	0.7	53.2	-0.7	0.5	11.9	0.9	0.8	9.3	0.8	1.3	38.4	-0.4	0.9
9VNH3Y	6.8	1.0	0.4				10.9	0.6	1.7	9.1	0.7	0.3	34.3	-1.0	0.4
A6CNEX	4.1	-0.1	1.2	60.9	0.3	0.2	9.1	0.0	1.0	7.6	0.2	1.7	28.8	-1.8	0.0
CAVVLU	2.0	-1.1	0.4	55.3	-0.4	0.1	5.3	-1.3	0.4	4.2	-1.1	0.3	36.9	-0.6	0.2
G7HJY2	5.4	0.4	0.7	49.5	-1.2	0.5	9.4	0.1	1.0	7.2	0.0	1.4	41.5	0.1	0.8
MGGB6G	2.8	-0.7	0.9	56.6	-0.2	0.2	6.4	-0.9	0.5	5.7	-0.6	0.8	40.8	0.0	1.3
QG48KD	4.3	-0.1	2.2	60.3	0.2	2.7	9.1	0.0	1.4	6.9	-0.1	0.9	41.2	0.0	1.6
QMW82U	8.4	1.7	0.2	66.2	1.0	0.1	15.0	2.0	0.3	13.2	2.3	0.8	47.4	1.0	0.4
VPMZZT	4.5	0.0	0.8	68.3	1.3	0.1	8.4	-0.2	1.1	6.5	-0.3	0.4	49.4	1.3	1.7

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915		
Grand Median	4.46			58.4			9.13			7.20			40.8		
Median Abs Dev	1.67			4.2			1.80			1.49			4.0		
Avg Within Lab SD	0.14			5.9			0.30			0.19			1.5		
Labs Included	9			8			9			9			9		
Labs Reporting	9			8			9			9			9		



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2LN38A	1.64	0.03	0.93	1.43	0.69	1.61	1.48	0.22	1.25	1.44	0.64	1.40	1.39	0.67	1.16	
3NN6JA	1.64	0.00	1.07	1.37	0.26	0.25	1.45	0.00	0.24	1.38	0.29	0.83	1.33	0.17	1.04	
8HLPXH	1.45	-1.08	0.69	1.31	-0.20	0.90	1.29	-0.95	1.05	1.25	-0.56	1.15	1.26	-0.44	1.59	
9AQ8WE	1.49	-0.87	0.88	1.23	-0.88	0.50	1.24	-1.20	1.47	1.14	-1.21	0.55	1.21	-0.93	0.90	
LF747U	1.74	0.59	0.19	1.50	1.25		1.58	0.79	0.00	1.37	0.19	0.21	1.41	0.93	0.30	
MGGB6G	1.72	0.47	0.65	1.34	0.00	0.15	1.49	0.26	0.25	1.34	0.00	1.06	1.31	0.00	0.39	
QMW82U	1.40	-1.39	0.35	1.21	-1.01	0.64	1.21	-1.37	0.68	1.10	-1.47	0.84	1.20	-1.02	0.61	
V2DUA2	1.74	0.61	0.00	1.45	0.86	0.00	1.46	0.10	0.24	1.44	0.65	0.00	1.42	1.02	0.30	
VPMZZT	1.46	-1.02	2.27	1.22	-0.93	1.97	1.25	-1.18	1.88	1.17	-1.06	1.69	1.21	-0.90	1.59	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	1.64			1.34			1.45			1.34			1.31			
Median Abs Dev	0.10			0.11			0.13			0.10			0.10			
Avg Within Lab SD	0.03			0.02			0.02			0.03			0.02			
Labs Included	9			9			9			9			9			
Labs Reporting	9			9			9			9			9			



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	78.1	-0.1	0.4	10.9	-0.5	0.4	55.9	0.0	0.7	23.8	-0.6	0.0	34.6	0.1	0.4	
3NN6JA	76.0	-0.6		8.0	-0.8		56.0	0.0		26.0	-0.3		30.0	-0.6		
4N4LCG	82.7	1.1	1.0	18.0	0.3		60.7	0.8	1.0	43.7	1.9	0.8	34.0	0.0		
4ZXRY8	77.9	-0.1	0.0	20.6	0.6	0.1	55.9	0.0	0.0	30.9	0.3	0.7	40.5	0.9	0.4	
8HLPXH	78.4	0.0	0.6	11.7	-0.4	0.3	53.4	-0.4	0.9	27.5	-0.1	0.6	33.1	-0.1	0.7	
9VNH3Y	81.0	0.7		31.0	1.8		51.0	-0.9		31.0	0.3		61.0	4.0X		
A6CNEX	83.9	1.4		32.8	2.0		65.8	1.7		36.8	1.1		38.8	0.7		
C9YH39	74.4	-1.1	0.0	2.4	-1.4	0.0	49.7	-1.1	1.0	16.4	-1.5	0.0	23.7	-1.5	0.7	
CAVVLU	67.6	-2.9X	0.6	16.6	0.2	1.5	47.2	-1.5	0.3	17.7	-1.3	0.5	29.2	-0.7	0.1	
CGE2KM	78.8	0.1		15.4	0.1	0.4	55.8	0.0	0.7	22.9	-0.7	0.5	34.6	0.1	0.5	
E6BP2Q	77.3	-0.3	0.9	16.5	0.2	0.3	55.3	-0.1	0.9	29.2	0.1	1.1	34.0	0.0	0.8	
FRL62T	80.7	0.6	0.5	7.0	-0.9		61.3	1.0	1.4	24.3	-0.5	0.4	26.0	-1.2		
KJEWMN	76.0	-0.6	1.7	11.7	-0.4	0.9	53.3	-0.4	1.0	26.0	-0.3		33.3	-0.1	0.7	
KXBBLW	78.3	0.0	1.0	9.0	-0.7		54.3	-0.3	1.0	26.3	-0.2	0.8	30.3	-0.5	0.7	
MGGB6G	79.2	0.2	0.8	14.0	-0.1	0.3	55.2	-0.1	1.5	29.5	0.2	2.2	34.5	0.1	0.9	
MZVA6R	73.3	-1.3	0.0	1.3	-1.5	0.0	49.3	-1.2	0.0	15.3	-1.6	0.0	23.3	-1.6	0.0	
NP96FK	78.3	0.0	0.5	14.7	0.0	0.3	58.0	0.4		29.0	0.1	0.7	35.7	0.2	0.4	
NWT9MM	86.7	2.2	3.4	20.4	0.6	1.2	60.4	0.8	1.8	43.7	1.9	3.2	52.4	2.7	1.3	
PFDMEG	73.2	-1.4	0.0	16.7	0.2	0.0	57.1	0.2	0.0	30.0	0.2	0.0	38.9	0.7	0.0	
PQXTD7	83.2	1.3	0.5	25.6	1.2	0.6	57.7	0.3	1.3	30.9	0.3	0.5	47.8	2.0	2.3	
QG48KD	80.5	0.6	0.8	20.5	0.6	2.8	57.9	0.3	1.6	29.9	0.2	0.2	34.5	0.1	1.4	
R7LDZQ	76.4	-0.5	0.6	0.5	-1.6	0.2	45.5	-1.8	1.4	18.3	-1.2	1.0	20.2	-2.0	0.0	
TBQ22C	80.5	0.6	0.4	12.2	-0.3	0.2	62.2	1.1	0.3	35.2	0.9	0.2	33.0	-0.1		
UQ3YJH	80.4	0.5	0.1	15.2	0.0	2.4	55.9	0.0	0.6	24.5	-0.5	0.5	37.1	0.5	2.5	
V2DUA2	78.0	-0.1		13.0	-0.2	0.6	49.0	-1.2	0.9	24.0	-0.5		33.0	-0.1	0.6	
YJ2G9L	83.7	1.4	0.3	22.5	0.9	0.3	66.3	1.8	0.4	33.0	0.6	0.3	34.9	0.1	0.2	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups						Data units: Percent
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	78.4	14.9	55.9	28.2	34.0	
Median Abs Dev	2.1	4.8	2.5	3.8	3.1	
Avg Within Lab SD	1.2	1.7	1.1	1.5	1.6	
Labs Included	25	26	26	26	25	
Labs Reporting	26	26	26	26	26	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	12.5	-0.7	1.3	33.8	-0.3	1.4	28.5	-0.4	0.3	42.9	-0.2	0.5	29.2	-0.7	0.4	
3NN6JA	12.0	-0.8		34.0	-0.3		26.0	-0.8		38.0	-0.8		28.0	-0.9		
4N4LCG	15.3	0.1	1.1	40.0	0.0		32.3	0.3	0.4	43.7	-0.1	0.8	34.0	-0.1		
4ZXRY8	13.5	-0.4	0.5	39.2	-0.1	0.1	30.0	-0.1		40.0	-0.6		36.4	0.3	0.3	
8HLPXH	16.1	0.3	1.2	41.2	0.0	1.2	33.9	0.5	0.9	48.3	0.4	1.2	36.9	0.3	0.5	
9VNH3Y	12.0	-0.8		60.0	1.0		30.0	-0.1		40.0	-0.6		30.0	-0.6		
A6CNEX	10.0	-1.3		15.0	-1.3		20.1	-1.8		33.0	-1.4		29.0	-0.7		
C9YH39	16.4	0.4	0.0	47.1	0.3	0.5	34.1	0.6	0.2	54.4	1.1	0.0	40.4	0.8	0.0	
CAVVLU	21.3	1.7	1.4	47.4	0.4	2.6	34.1	0.6	0.2	44.0	-0.1	0.1	37.5	0.4	0.4	
CGE2KM	15.8	0.2	0.7	40.8	0.0	0.3	31.3	0.1	0.4	52.9	1.0	0.5	35.0	0.1		
E6BP2Q	11.2	-1.0	1.4	29.5	-0.5	0.7	27.5	-0.6	0.6	35.8	-1.1	1.1	26.7	-1.0	1.6	
FRL62T	10.3	-1.2	1.5	85.0	2.2	0.4	24.7	-1.1	0.5	49.7	0.6	2.4	42.0	1.0	1.7	
KJEWMN	18.0	0.8	2.0	38.3	-0.1	0.3	34.7	0.7	0.2	44.0	-0.1		33.7	-0.1	0.3	
KXBBLW	11.0	-1.1		35.0	-0.3		29.0	-0.3	0.7	45.7	0.1	0.8	33.0	-0.2		
MGGB6G	15.0	0.0	1.2	34.8	-0.3	0.0	31.4	0.1	0.7	39.3	-0.6	2.7	32.3	-0.3	1.6	
MZVA6R	15.8	0.2	0.0	47.8	0.4	0.0	31.8	0.2	0.0	53.8	1.1	0.0	39.8	0.7	0.0	
NP96FK	18.0	0.8	1.0	45.0	0.2		32.7	0.3	0.2	50.3	0.7	0.4	36.7	0.3	0.3	
NWT9MM	9.2	-1.5	0.4	26.1	-0.7	1.9	25.6	-0.9	0.0	27.9	-2.0	1.4	20.0	-1.9	1.2	
PFDMEG	17.0	0.6	0.0	49.9	0.5	0.0	31.1	0.1	0.0	36.8	-0.9	0.0	27.2	-1.0	0.0	
PQXTD7	13.9	-0.3	0.5	4.3	-1.8	1.0	30.6	0.0	0.3	48.9	0.5	0.7	25.8	-1.2	1.9	
QG48KD	14.9	0.0	1.4	37.6	-0.1	0.8	23.6	-1.2	4.3	45.6	0.1	0.6	35.6	0.1	1.6	
R7LDZQ	18.5	1.0	0.8	47.9	0.4	0.4	40.8	1.7	0.7	52.0	0.8	0.5	41.5	0.9	0.9	
TBQ22C	14.5	-0.1	0.5	32.5	-0.4	0.2	22.2	-1.5	0.1	32.5	-1.4	0.3	30.0	-0.6		
UQ3YJH	15.7	0.2	0.0	81.7	2.1	1.7	30.9	0.0	0.3	52.5	0.9	0.1	49.8	2.0	1.3	
V2DUA2	18.0	0.8		85.0	2.2	0.4	40.3	1.7	0.2	47.5	0.3	0.3	42.0	1.0	0.6	
YJ2G9L	10.4	-1.2	0.3	71.1	1.5	0.2	20.0	-1.9	0.2	45.6	0.1	0.3	37.1	0.3	0.2	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups						Data units: Percent
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	15.0	40.4	30.8	44.8	34.5	
Median Abs Dev	2.7	7.2	3.2	5.2	4.9	
Avg Within Lab SD	1.0	2.3	2.9	1.4	1.8	
Labs Included	26	26	26	26	26	
Labs Reporting	26	26	26	26	26	



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	9.1	0.8	0.9	53.3	0.3	0.4	15.6	0.5	0.0	33.3	0.8	0.5	36.2	0.5	0.0		
3NN6JA	12.0	1.6		58.0	0.6		18.0	1.2		36.0	1.3		42.0	1.5			
4N4LCG	1.9	-1.2	0.0	42.0	-0.3		7.1	-2.0	0.0	25.0	-0.7		26.0	-1.2			
4ZXRY8	8.6	0.7	0.6	40.2	-0.3	0.1	14.1	0.0	0.0	29.1	0.0	0.7	23.1	-1.7	0.0		
8HLPXH	5.5	-0.2	2.0	47.1	0.0	1.2	12.7	-0.4	0.8	24.2	-0.9	1.2	30.1	-0.5	1.0		
9VNH3Y	7.0	0.2		9.0	-1.9		19.0	1.5		29.0	0.0		9.0	-4.1X			
A6CNEX	6.1	0.0		52.1	0.3		14.2	0.0		30.1	0.2		32.1	-0.2			
C9YH39	9.2	0.9	0.0	50.5	0.2	0.6	16.2	0.6	0.4	29.2	0.0	0.0	35.9	0.5	0.6		
CAVVLU	11.1	1.4	1.0	36.0	-0.6	2.3	18.7	1.4	0.3	38.3	1.7	0.5	33.3	0.0	0.3		
CGE2KM	5.4	-0.2	0.8	43.8	-0.2		12.9	-0.3	0.3	24.2	-0.9	0.5	30.4	-0.5	0.4		
E6BP2Q	11.5	1.5	0.6	53.7	0.3	0.8	16.8	0.8	0.6	35.0	1.1	1.6	38.8	1.0	1.3		
FRL62T	9.0	0.8	2.3	8.0	-2.0	0.5	14.0	0.0	1.2	26.0	-0.6	2.2	32.0	-0.2	1.6		
KJEWMN	6.0	0.0		50.0	0.2	0.5	12.0	-0.6	0.7	30.0	0.2		33.0	0.0	0.5		
KXBBLW	10.7	1.3	1.3	56.0	0.5		16.7	0.8	0.5	28.0	-0.2		36.7	0.6	0.6		
MGGB6G	5.8	-0.1	0.4	51.2	0.2	0.3	13.5	-0.2	0.3	31.2	0.4	1.0	33.2	0.0	0.7		
MZVA6R	10.9	1.3	0.0	50.9	0.2	0.0	18.9	1.4	0.0	30.9	0.3	0.0	36.9	0.7	0.0		
NP96FK	3.7	-0.7	0.7	40.3	-0.3	0.3	9.3	-1.4	0.2	20.7	-1.5	0.4	27.7	-0.9	0.3		
NWT9MM	8.0	0.5		47.0	0.0	0.7	14.0	0.0	0.8	28.3	-0.1	2.6	36.0	0.5	2.1		
PFDMEG	9.8	1.0	0.0	33.4	-0.7	0.0	11.8	-0.6	0.0	33.2	0.8	0.0	33.9	0.1	0.0		
PQXTD7	2.9	-0.9	1.2	71.2	1.2	2.3	11.7	-0.7	0.3	20.2	-1.6	0.3	26.4	-1.1	2.5		
QG48KD	4.5	-0.5	0.9	41.9	-0.3	2.1	18.5	1.3	4.3	24.5	-0.8	0.6	29.9	-0.6	0.6		
R7LDZQ	5.0	-0.3	1.4	51.6	0.2	0.3	13.7	-0.1	0.3	29.7	0.1	0.6	38.3	0.9	0.8		
TBQ22C	6.2	0.0	0.9	54.2	0.4	0.2	16.2	0.6	0.1	33.0	0.7		37.0	0.7			
UQ3YJH	3.9	-0.6	0.2	3.2	-2.2	0.2	13.2	-0.2	0.1	23.1	-1.1	0.4	13.1	-3.4X	1.1		
V2DUA2	4.0	-0.6		2.0	-2.3		10.7	-1.0	0.2	28.5	-0.1	0.4	25.0	-1.4			
YJ2G9L	5.9	-0.1	0.0	6.4	-2.1	0.1	13.8	-0.1	0.0	21.3	-1.4	0.3	28.0	-0.9	0.1		



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups						Data units: Percent
	SRS1911	SRS1912	SRS1913	SRS1914	SRS1915	
Grand Median	6.15	47.0	14.0	29.1	33.1	
Median Abs Dev	2.32	6.7	2.2	4.0	3.4	
Avg Within Lab SD	0.88	1.9	2.5	1.4	1.9	
Labs Included	26	26	26	26	24	
Labs Reporting	26	26	26	26	26	



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
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			
YJ2G9L	9.5		1.0	26.5		1.0	17.5		1.0	29.2		1.0	35.6		1.0			

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
Grand Median	9.55			26.5			17.5			29.2			35.6					
Median Abs Dev																		
Avg Within Lab SD	0.05			0.2			0.1			0.2			0.1					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
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			
YJ2G9L	4.01		1.00	6.02		1.00	8.91		1.00	14.03		1.00	19.93		1.00			

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
Grand Median	4.01			6.02			8.91			14.0			19.9					
Median Abs Dev	0.03			0.10			0.05			0.2			0.2					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
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			
YJ2G9L	5.5		1.0	20.5		1.0	8.6		1.0	15.2		1.0	15.6		1.0			

Available Water Content (SubTestCode 194) in the Moisture Property Groups										Data units: %					
SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	5.53			20.5			8.60			15.2			15.6		
Median Abs Dev															
Avg Within Lab SD	0.06			0.1			0.09			0.1			0.1		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg			
SRS1911				SRS1912				SRS1913			SRS1914			SRS1915		
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	
QWWXK	292.0		0.4	945.1		1.0	216.0		0.5	538.2		1.3	870.9		1.2	
F																
R7LDZQ	275.7		1.4	849.9		1.0	206.0		1.3	468.5		0.5	760.8		0.8	
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg			
SRS1911				SRS1912				SRS1913			SRS1914			SRS1915		
Grand Median	283.9			897.5			211.0			503.3			815.8			
Median Abs Dev																
Avg Within Lab SD	6.7			14.1			3.0			6.7			6.2			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
V2DUA2	9.0		1.4	3,279.0		0.9	4.0			5.0			11.7		1.3	
XMR4N4	7.1		0.3	3,519.1		1.1	7.0		1.0	7.2		1.0	14.8		0.5	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS1911			SRS1912			SRS1913			SRS1914			SRS1915			
Grand Median	8.03			3,399.1			5.50			6.12			13.2			
Median Abs Dev																
Avg Within Lab SD	0.72			44.0			0.32			0.12			0.4			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
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			
V2DUA2	15.00		1.00				13.67		1.00				18.33		1.00			

DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS1911				SRS1912				SRS1913				SRS1914				SRS1915		
Grand Median	15.0						13.7						18.3					
Median Abs Dev																		
Avg Within Lab SD	1.0			0.00			0.6			0.6			0.00					
Labs Included	1			0			1			1			0					
Labs Reporting	1			0			1			1			0					



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Dry Matter (%) (SubTestCode 201)													Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
34HUBZ	93.8	-0.2	0.2	92.9	-0.3	0.1	93.7	-1.2	0.1	93.5	-0.1	0.1		
4ZXRY8	93.1	-1.4	1.0	92.1	-1.3	0.1	93.2	-2.1	0.1	93.2	-0.6	0.1		
A6CNEX	93.6	-0.5	0.0	93.5	0.4	0.1	94.4	0.1	0.0	94.0	0.7	0.1		
CGE2KM	94.4	0.7	0.5	94.0	1.0	0.1	94.9	1.0	0.3	93.8	0.4	0.0		
DFCQ2P	94.1	0.2	1.3	92.8	-0.5	0.7	94.1	-0.4	0.6	93.9	0.6	1.9		
DH7CW2	94.1	0.2	0.3	93.4	0.3	0.5	94.5	0.2	1.3	93.3	-0.4	0.5		
E6BP2Q	93.6	-0.6	3.4	92.2	-1.1	3.8	93.4	-1.7	3.6	92.9	-1.2	3.2		
HWM2XX	94.5	0.8	0.2	93.8	0.8	0.4	94.4	0.2	0.6	93.2	-0.7	0.6		
K3L8NK	93.2	-1.2	0.0	91.8	-1.6	0.0	93.1	-2.2	0.0	92.9	-1.2	0.0		
LMRRUR	93.3	-1.0	1.0	92.3	-1.0	0.6	94.3	0.0	0.6	93.9	0.5	0.6		
QMW82U	94.8	1.3	0.4	93.7	0.6	0.1	94.3	0.0	0.2	94.5	1.5	1.0		
QWWXK F	93.8	-0.2	0.2	93.0	-0.1	0.5	94.4	0.0	0.0	93.4	-0.3	0.1		
R7LDZQ	94.1	0.3	0.3	93.1	-0.1	0.2	94.0	-0.6	0.2	93.6	0.1	0.3		
V2DUA2	94.4	0.8	0.0	93.5	0.4	0.0	94.5	0.3	0.0	94.4	1.3	0.0		
WNR7VG	93.9	-0.2	0.0	93.2	0.1	0.0	94.4	0.1	0.0	93.4	-0.4	0.0		
ZJHWY9	94.6	1.0	0.0	94.3	1.3	0.0	94.8	0.8	0.0	94.1	0.9	0.0		

Dry Matter (%) (SubTestCode 201)					Data units: Percent	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	94.0	93.2	94.3	93.6		
Median Abs Dev	0.4	0.5	0.2	0.4		
Avg Within Lab SD	0.3	0.3	0.3	0.2		
Labs Included	16	16	16	16		
Labs Reporting	16	16	16	16		



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NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	252.7	-0.2	1.1				744.0	-0.3	0.4	388.0	-0.8	0.2
2XY86A	224.0	-0.8	0.8	22.3	-0.5	0.2	767.7	0.0	0.5	445.0	0.0	0.2
34HUBZ	283.0	0.3	0.3	34.1	0.0	0.1	878.7	1.4	0.8	510.7	0.9	0.5
4N4LCG	258.3	-0.1	1.5	34.0	0.0	0.4	856.3	1.1	0.7	481.7	0.5	1.3
7GTEK4	235.7	-0.5	0.9	25.3	-0.4	0.6	721.3	-0.5	1.0	389.3	-0.8	0.5
C9KVQL	127.7	-2.5	0.7	100.3	2.5	1.5	674.3	-1.1	0.3	310.3	-1.8	1.2
CGE2KM	276.0	0.2	0.5	36.3	0.0	1.0	844.0	0.9	0.8	455.5	0.1	0.0
DFCQ2P	354.0	1.6	0.7	42.7	0.3	1.8	1,067.7	3.6X	1.2	613.7	2.3	1.0
DH7CW2	332.9	1.2	2.2	299.9	10.0X	10.3	737.5	-0.3	3.1	567.1	1.7	2.2
E6BP2Q	264.0	0.0	1.7	62.9	1.1	1.1	727.1	-0.5	0.6	407.3	-0.5	0.5
FJRZ8R	271.0	0.1	0.2	26.0	-0.3	0.2	864.3	1.2	0.2	455.0	0.1	0.2
KJEWMN	286.8	0.4	0.9	47.6	0.5	1.2	765.3	0.0	0.2	450.0	0.1	0.8
LZHQUN	170.0	-1.7	0.6	15.0	-0.8	0.8	625.3	-1.7	1.4	337.7	-1.5	0.8
PQXTD7	360.5	1.7	1.4	96.3	2.3	1.7	748.9	-0.2	1.0	465.1	0.3	1.5
QG48KD	255.9	-0.2	0.7	52.5	0.7	1.7	767.8	0.0	0.5	438.2	-0.1	2.0
QMW82U	267.7	0.0	0.2	21.2	-0.5	0.1	847.3	1.0	0.4	437.3	-0.1	0.2
QWWXK F	284.0	0.3	0.3	26.4	-0.3	0.5	845.9	1.0	0.3	445.8	0.0	0.2
XMR4N4	250.7	-0.3	0.5	50.5	0.6	0.1	731.6	-0.4	0.1	401.7	-0.6	0.2

NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

	SRB1909	SRB1910	SRB1911	SRB1912
Grand Median	265.8	35.2	765.3	445.4
Median Abs Dev	17.7	12.6	44.0	37.2
Avg Within Lab SD	11.9	6.1	31.2	23.9
Labs Included	18	16	17	18
Labs Reporting	18	17	18	18



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NO3 - N ISE (SubTestCode 203)										Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
69N3V2	343.7		0.6	126.7		1.7	916.0		0.7	546.0	0.3
CAVVLU	355.7		1.3	83.7		0.1	976.3		1.8	532.3	1.9
K3L8NK	400.2		0.6	44.1		0.1	1,021.0		0.4	670.5	0.6
V2DUA2	427.0		1.3	120.0			849.3		0.5	533.7	0.2

NO3 - N ISE (SubTestCode 203)										Data units: mg/kg	
	SRB1909			SRB1910			SRB1911			SRB1912	
Grand Median		377.9			101.8			946.2			539.8
Median Abs Dev											
Avg Within Lab SD		7.0			6.5			17.6			7.2
Labs Included		4			4			4			4
Labs Reporting		4			4			4			4



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NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg
WebCode	SRB1909			SRB1910			SRB1911			SRB1912
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R7LDZQ	570.0		0.4	76.7		0.2	1,213.3		0.3	1,100.0 0.7
TTW7PN	2,771.9		1.0	303.3		0.3	2,978.8		1.0	3,101.2 1.5
XWVB7P	284.5		1.7	55.8		1.7	868.9		1.7	466.2 1.2
ZJHWY9	235.0		0.1				574.0		0.0	232.7 0.0

NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg
	SRB1909			SRB1910			SRB1911			SRB1912
Grand Median	427.2			76.7			1,041.1			783.1
Median Abs Dev										
Avg Within Lab SD	19.9			32.0			93.6			73.5
Labs Included	4			3			4			4
Labs Reporting	4			3			4			4



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NH4-N (SubTestCode 205)										Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
DFCQ2P	70.7		0.2	1,249.7		0.0	91.3		0.1	74.7	0.1
DH7CW2	386.1		1.9	1,650.2		2.0	475.4		1.6	333.7	1.9
QMW82U	218.3		0.2	1,304.0		0.0	148.3		0.1	103.6	0.1
XWVB7P	255.4		0.3	2,125.4		0.2	457.2		1.2	276.0	0.5
NH4-N (SubTestCode 205)										Data units: mg/kg	
	SRB1909			SRB1910			SRB1911			SRB1912	
Grand Median	236.9			1,477.1			302.8			189.8	
Median Abs Dev											
Avg Within Lab SD	64.7			366.5			121.7			63.7	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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PO4 - P (SubTestCode 206)												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	1,023.3	2.5	0.2	1,966.7	0.7	0.3	1,266.7	2.1	0.4	1,870.0	1.2	0.5	
7GTEK4	717.7	0.0	0.5	1,821.3	0.1	0.5	1,047.3	0.0	0.6	1,676.7	0.2	0.8	
C9KVQL	664.7	-0.5	0.2	1,704.0	-0.3	0.2	970.7	-0.7	0.3	1,528.3	-0.6	0.2	
CAVVLU	720.0	0.0	0.5	1,776.7	-0.1	0.5	1,053.3	0.1	0.6	1,673.3	0.1	0.2	
DFCQ2P	720.7	0.0	0.4	1,812.7	0.1	0.5	1,212.7	1.6	0.1	1,948.7	1.6	0.6	
DH7CW2	772.6	0.4	3.1	1,458.8	-1.3	3.0	927.3	-1.2	2.2	1,561.9	-0.5	2.5	
KJEWMN	724.1	0.0	0.4	1,806.4	0.1	0.7	1,039.1	-0.1	0.9	1,623.0	-0.1	0.7	
PQXTD7	786.8	0.5	1.0	1,550.0	-0.9	0.7	1,118.6	0.7	1.7	1,518.2	-0.7	0.9	
QG48KD	752.7	0.3	0.3	1,876.7	0.3	0.9	1,073.3	0.3	1.1	1,746.7	0.5	1.7	
TTW7PN	967.7	2.0	0.4	2,517.2	2.7	0.5	2,003.6	9.4X	0.0	2,017.5	2.0	0.5	
V2DUA2	641.7	-0.7	0.1	1,436.7	-1.3	0.1	1,020.0	-0.3	0.5	1,616.7	-0.2	0.1	
XMR4N4	593.6	-1.1	0.4	1,735.1	-0.2	0.3	1,008.9	-0.4	0.1	1,581.8	-0.4	0.5	

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	722.4	1,791.5	1,047.3	1,648.2		
Median Abs Dev	54.0	86.3	38.4	92.4		
Avg Within Lab SD	56.5	73.9	36.6	59.0		
Labs Included	12	12	11	12		
Labs Reporting	12	12	12	12		



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
DFCQ2P	569.3		1.3	370.3		1.3	1,552.0		0.5	1,534.0	0.8
K3L8NK	668.7		1.1	402.3		0.5	1,146.8		1.4	1,385.1	1.5
V2DUA2	428.3		0.3	285.0		1.1	1,115.0		0.9	1,118.3	0.1
SO4 - S (SubTestCode 207)										Data units: mg/kg	
	SRB1909			SRB1910			SRB1911			SRB1912	
Grand Median	569.3			370.3			1,146.8			1,385.1	
Median Abs Dev											
Avg Within Lab SD	11.0			4.7			24.0			31.3	
Labs Included	3			3			3			3	
Labs Reporting	3			3			3			3	



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CI (SubTestCode 208)													Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	0.21	-0.16	0.74	0.13	-0.16	0.30	1.20	-0.28	1.84	0.23	-0.33	0.80		
34HUBZ	0.28	1.00	0.41	0.15	0.73	0.14	1.36	0.66	0.59	0.28	0.72	0.11		
7GTEK4	0.26	0.63	0.74	0.11	-1.42	0.39	1.50	1.49	0.15	0.30	1.02	0.40		
C9KVQL	0.20	-0.37	0.43	0.14	0.00	0.39	1.19	-0.33	0.52	0.21	-0.82	0.00		
CAVVLU	0.23	0.16	2.22	0.13	-0.40	3.41	1.20	-0.25	0.91	0.25	-0.05	1.74		
DFCQ2P	0.20	-0.37	0.43	0.14	0.00	0.39	0.82	-2.52	0.26	0.25	0.10	0.40		
E6BP2Q	0.22	-0.08	1.09	0.16	1.41	0.68	1.01	-1.40	1.80	0.25	0.05	2.89		
FJRZ8R	0.37	2.40	0.42	0.16	1.21	0.17	1.25	0.00	0.34	0.51	5.59X	0.65		
FRL62T	0.28	0.94	1.05	0.14	0.20	0.96	1.20	-0.27	2.19	0.22	-0.61	0.00		
PQXTD7	0.22	0.00	2.22	0.13	-0.40	0.68	1.27	0.12	0.98	0.24	-0.26	0.80		
QG48KD	0.34	1.83	1.13	0.15	0.61	1.57	1.33	0.50	1.34	0.39	3.00	1.38		
QMW82U	0.19	-0.41	0.09	0.13	-0.67	0.04	1.28	0.20	0.30	0.21	-0.83	0.04		
R7LDZQ	0.18	-0.63	0.00	0.12	-0.81	0.39	1.20	-0.27	0.26	0.20	-1.11	0.40		
TTW7PN	0.19	-0.45	0.25	0.14	0.48	0.17	1.28	0.23	0.28	0.25	0.12	0.58		
ULCXUJ	0.28	0.90	0.61	0.17	1.75	0.50	1.32	0.46	0.18	0.25	0.08	0.71		
V2DUA2	0.28	0.96	0.07	0.15	0.81	0.04	1.64	2.33	0.91	0.29	0.83	0.00		
XWVB7P	0.05	-2.72X	0.80	0.04	-5.77X	0.26	0.18	-6.32X	1.23	0.05	-4.14X	0.35		
ZJHWY9	0.21	-0.21	1.13	0.13	-0.40	0.00	1.22	-0.15	0.26	0.21	-0.89	0.40		

CI (SubTestCode 208)					Data units: Percent	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	0.22	0.14	1.25	0.25		
Median Abs Dev	0.03	0.01	0.05	0.03		
Avg Within Lab SD	0.01	0.01	0.04	0.01		
Labs Included	17	17	17	16		
Labs Reporting	18	18	18	18		



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TKN (SubTestCode 209)												Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4N4LCG	2.28	0.14	0.68	1.02	0.09	0.26	3.63	-0.36	0.35	3.57	-0.56	0.16	
4ZXRY8	2.18	-0.52	1.65	1.14	1.58	2.75	4.52	2.16	2.57	3.61	0.00	2.56	
7GTEK4	2.38	0.76	0.09	1.11	1.29	0.39	3.82	0.18	0.01	3.69	1.00	0.04	
DH7CW2	2.31	0.29	0.31	1.01	-0.09	0.21	3.75	-0.02	0.07	3.63	0.31	0.05	
QG48KD	2.24	-0.14	1.09	0.93	-1.09	0.31	3.79	0.08	0.44	3.57	-0.56	0.59	
QMW82U	2.37	0.74	0.41	1.04	0.31	0.15	3.77	0.02	0.68	3.64	0.43	0.21	
TF6KJT	2.18	-0.51	0.11	0.96	-0.71	0.10	3.57	-0.54	0.10	3.47	-1.86	0.07	
V2DUA2	1.92	-2.28	1.83	1.00	-0.22	0.13	3.04	-2.04	0.77	2.92	-8.93X	0.17	

TKN (SubTestCode 209)					Data units: Percent	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	2.26	1.01	3.76	3.61		
Median Abs Dev	0.08	0.04	0.10	0.04		
Avg Within Lab SD	0.04	0.08	0.11	0.15		
Labs Included	8	8	8	7		
Labs Reporting	8	8	8	8		



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N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	2.35	-0.11	0.22	1.01	-0.66	0.00	3.78	-0.37	0.37	3.69	-0.09	0.19		
2XY86A	2.45	0.98	0.79	1.11	0.80	0.63	3.81	-0.04	1.12	3.71	0.09	0.82		
34HUBZ	2.49	1.46	0.64	1.22	2.36	0.26	3.93	1.28	1.39	3.83	1.10	0.62		
3LX4DL	2.40	0.51	0.22	1.05	-0.02	0.21	3.85	0.41	0.49	3.72	0.12	0.19		
69N3V2	2.41	0.61	2.10	1.11	0.75	1.12	3.79	-0.26	1.20	3.70	0.00	1.14		
94GDVB	2.36	0.00	1.95	1.08	0.41	1.06	3.75	-0.74	1.59	3.64	-0.57	1.18		
A6CNEX	2.44	0.86	0.21	1.05	-0.03	0.10	3.97	1.72	0.10	3.83	1.10	0.25		
ARZH2A	2.33	-0.29	0.76	1.06	0.02	1.18	3.74	-0.89	2.17	3.58	-1.10	1.18		
C926H2	2.37	0.09	0.96	1.10	0.69	0.39	3.85	0.42	0.77	3.73	0.25	0.58		
C9KVQL	2.42	0.69	0.66	1.13	1.09	1.68	3.82	0.07	0.18	3.73	0.27	0.50		
CAVVLU	2.22	-1.44	2.29	0.81	-3.53X	0.42	3.82	0.00	2.57	3.70	-0.06	1.67		
CGE2KM	2.47	1.21	0.14	1.10	0.72	0.04	3.98	1.77	0.17	3.92	1.97	0.32		
DFCQ2P	2.34	-0.22	1.88	1.02	-0.56	1.18	3.83	0.18	1.29	3.66	-0.42	1.14		
E6BP2Q	2.29	-0.76	0.81	0.98	-1.04	0.56	3.72	-1.11	1.19	3.57	-1.22	0.19		
F8XJHQ	2.28	-0.83	0.76	1.01	-0.71	0.92	3.71	-1.22	0.18	3.58	-1.07	0.50		
FJRZ8R	2.30	-0.62	1.25	1.03	-0.33	0.29	3.77	-0.56	0.62	3.62	-0.77	1.30		
FRL62T	2.51	1.66	0.00	1.08	0.36	2.56	4.09	2.99X	2.12	3.93	2.00	1.14		
K3L8NK	2.47	1.22	0.13	1.14	1.27	0.46	3.88	0.66	0.74	3.75	0.46	0.91		
LMRRUR	2.32	-0.43	0.79	1.01	-0.66	0.00	3.78	-0.44	0.18	3.67	-0.27	0.68		
LZHQUN	2.33	-0.33	0.79	1.11	0.75	3.40	3.81	-0.11	1.12	3.61	-0.87	2.77		
MC7E3T	2.45	1.01	1.52	1.02	-0.49	0.88	3.99	1.92	1.59	3.77	0.60	0.56		
NBT3ZG	2.26	-1.08	0.79	1.08	0.32	0.76	3.82	0.00	0.97	3.82	1.07	1.05		
PQXTD7	2.37	0.17	0.86	1.09	0.55	0.04	3.86	0.44	0.80	3.75	0.42	1.40		
QMW82U	2.50	1.55		1.15	1.34	0.21	4.02	2.22	0.18	3.94	2.12	0.00		
QWWXK	2.32	-0.38	0.50	0.98	-1.05	0.24	3.82	-0.01	0.59	3.66	-0.41	1.12		

F



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N- Dry Comb. (SubTestCode 210)													Data units: Percent
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R7LDZQ	2.36	0.07	0.44	0.98	-1.14	0.42	3.85	0.37	0.32	3.73	0.27	0.38	
ULCXUJ	2.34	-0.22	0.35	1.03	-0.38	0.22	3.77	-0.51	0.18	3.62	-0.78	0.10	
V2DUA2	2.37	0.10	0.08	1.06	0.11	0.06	3.82	0.03	0.18	3.72	0.15	0.41	
VCX42F	2.28	-0.87	1.09	1.04	-0.29	0.35	3.72	-1.05	0.62	3.63	-0.68	0.26	
XWVB7P	2.32	-0.39	0.59	0.99	-0.95	0.19	3.83	0.13	0.40	3.67	-0.29	0.35	
ZJHWY9	2.29	-0.72	0.00	1.03	-0.36	0.00	3.70	-1.29	0.00	3.67	-0.33	1.88	

N- Dry Comb. (SubTestCode 210)					Data units: Percent
	SRB1909		SRB1910		SRB1911
Grand Median	2.36		1.06		3.82
Median Abs Dev	0.06		0.05		0.04
Avg Within Lab SD	0.03		0.03		0.03
Labs Included	31		30		31
Labs Reporting	31		31		31



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27TDYB	0.18		0.00	0.08		0.00	0.38		0.00	0.39	0.00
LMRRUR	0.22		1.39	0.14		1.56	0.48		1.67	0.50	1.72
QWWXK	0.16		1.03	0.10		0.75	0.41		0.48	0.35	0.20
F											
S- Dry Comb. (SubTestCode 211)										Data units: Percent	
	SRB1909			SRB1910			SRB1911			SRB1912	
Grand Median	0.18			0.10			0.41			0.39	
Median Abs Dev											
Avg Within Lab SD	0.01			0.01			0.01			0.07	
Labs Included	3			3			3			3	
Labs Reporting	3			3			3			3	



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P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	0.14	-0.23	1.02	0.20	0.00	0.65	0.32	-0.31	0.33	0.38	-0.26	0.34
3LX4DL	0.14	-0.02	0.00	0.18	-1.07	0.65	0.30	-0.73	0.33	0.38	-0.43	0.34
4N4LCG	0.14	-0.02	0.00	0.20	-0.18	0.00	0.32	-0.20	0.00	0.41	0.32	1.23
4ZXRY8	0.14	-0.02	3.55	0.21	0.18	3.95	0.39	2.01	4.71	0.39	-0.18	3.76
69N3V2	0.14	-0.27	1.36	0.20	-0.16	1.13	0.34	0.32	0.51	0.40	0.25	0.99
7GTEK4	0.15	0.33	0.67	0.21	0.25	0.56	0.33	0.24	0.32	0.41	0.29	0.92
94GDVB	0.13	-0.63	0.10	0.76	29.86X	110.70	0.33	0.01	0.33	0.40	0.16	0.00
9CQHQT	0.15	0.77	1.50	0.21	0.39	0.39	0.33	0.19	0.08	0.39	-0.04	0.22
A6CNEX	0.16	1.32	0.67	0.22	0.91	0.17	0.36	1.16	0.40	0.44	1.08	0.21
ARZH2A	0.15	0.81	1.02	0.20	-0.18	1.12	0.34	0.54	0.88	0.41	0.49	1.23
C926H2	0.14	0.17	0.61	0.19	-0.53	0.98	0.40	2.23	0.24	0.32	-1.79	0.52
C9KVQL	0.14	-0.04	0.37	0.19	-0.62	0.39	0.33	-0.03	0.20	0.40	0.17	0.40
CGE2KM	0.15	0.52	0.21	0.21	0.55	0.12	0.38	1.56	0.63	0.43	0.82	0.28
DFCQ2P	0.13	-0.65	0.00	0.19	-0.71	0.00	0.30	-0.94	0.33	0.36	-0.84	0.59
DH7CW2	0.18	2.52	1.17	0.25	2.50	1.76	0.42	3.11X	2.52	0.51	2.86X	2.48
E6BP2Q	0.12	-1.03	1.22	0.18	-1.43	1.65	0.27	-1.67	0.46	0.34	-1.37	1.49
F8XJHQ	0.14	-0.31	0.10	0.19	-0.50	0.00	0.31	-0.53	0.07	0.38	-0.26	0.17
FJRZ8R	0.14	0.19	1.02	0.20	0.00	0.65	0.33	0.12	0.58	0.41	0.41	0.59
FRL62T	0.13	-0.44	1.02	0.20	-0.36	0.65	0.31	-0.62	0.33	0.37	-0.59	0.00
HWM2XX	0.17	1.65	1.02	0.22	0.89	1.12	0.35	0.85	1.20	0.46	1.66	2.37
KJEWMN	0.11	-2.11	1.02	0.17	-1.60	0.65	0.27	-1.89	2.18	0.34	-1.26	0.90
KYMVRL	0.11	-1.77	0.35	0.19	-0.50	0.00	0.16	-5.12X	0.22	0.33	-1.59	0.00
LMRRUR	0.13	-0.55	0.72	0.22	0.65	0.05	0.33	0.22	0.33	0.40	0.19	0.06
LZHQUN	0.15	0.61	1.77	0.22	0.71	1.30	0.34	0.33	0.67	0.42	0.57	1.81
MC7E3T	0.14	0.00	0.57	0.19	-0.92	0.92	0.32	-0.08	0.27	0.39	-0.12	0.21
NBT3ZG	0.15	0.81	1.02	0.22	0.89	0.00	0.35	0.85	0.33	0.42	0.57	0.34



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P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PQXTD7	0.15	0.58	2.10	0.20	0.07	2.03	0.32	-0.27	1.60	0.38	-0.37	1.69	
QG48KD	0.12	-1.13	0.62	0.17	-1.65	0.36	0.28	-1.59	0.26	0.34	-1.41	0.45	
QMW82U	0.15	0.48	0.18	0.22	0.71	0.17	0.35	0.66	0.07	0.43	0.81	0.16	
QWVXK F	0.14	-0.02	0.00	0.21	0.16	0.23	0.33	0.00	0.07	0.39	-0.11	0.03	
R7LDZQ	0.14	-0.02	0.00	0.20	-0.18	0.00	0.32	-0.20	0.00	0.39	-0.18	0.34	
ULCXUJ	0.12	-1.07	0.25	0.18	-1.02	0.37	0.29	-1.07	0.54	0.35	-1.10	0.05	
V2DUA2	0.15	0.73	0.18	0.21	0.25	0.11	0.32	-0.13	0.20	0.40	0.17	0.21	
V39E4R	0.16	0.96	0.41	0.22	0.80	0.62	0.35	0.65	0.25	0.44	1.15	0.44	
VCX42F	0.14	0.22	0.13	0.19	-0.55	0.04	0.32	-0.27	0.63	0.40	0.04	1.23	
WNR7VG	0.16	1.13	0.51	0.22	0.98	0.53	0.35	0.74	0.52	0.44	1.12	0.30	
XMR4N4	0.13	-0.51	0.25	0.18	-1.04	0.60	0.30	-0.97	0.20	0.36	-0.89	0.38	
XWVB7P	0.15	0.84	0.24	0.07	-7.11X	0.21	0.32	-0.23	0.66	0.33	-1.59	0.28	
ZJHWY9	0.15	0.81	1.02	0.22	0.89	0.00	0.34	0.54	0.88	0.43	0.99	0.34	

P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1909		SRB1910		SRB1911	SRB1912
Grand Median	0.14		0.20		0.33	0.39
Median Abs Dev	0.01		0.01		0.02	0.02
Avg Within Lab SD	0.01		0.01		0.02	0.02
Labs Included	39		37		37	38
Labs Reporting	39		39		39	39



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	2.20	0.00	0.00	0.80	-0.92	0.00	2.70	0.40	0.00	4.73	0.18	0.38
3LX4DL	2.08	-0.68	0.39	0.84	-0.34	0.28	2.39	-0.90	0.67	4.29	-0.75	0.04
4N4LCG	2.20	0.00	1.89	0.88	0.10	1.00	2.60	-0.01	0.00	4.73	0.18	1.53
4ZXRY8	2.17	-0.19	1.63	0.82	-0.65	0.96	2.50	-0.43	0.76	4.95	0.64	1.65
69N3V2	2.08	-0.72	1.78	0.90	0.40	1.96	2.64	0.14	1.33	4.56	-0.18	1.10
7GTEK4	2.19	-0.08	1.26	0.87	0.01	1.04	2.60	0.00	0.35	4.65	0.01	1.29
94GDVB	1.60	-3.51X	0.11	0.68	-2.46X	0.55	2.15	-1.89	0.10	3.73	-1.90	0.38
9CQHQT	2.27	0.42	0.45	0.92	0.73	0.33	2.68	0.33	0.31	4.60	-0.10	0.14
A6CNEX	2.37	0.99	0.13	0.98	1.41	0.07	2.93	1.34	1.17	5.10	0.94	0.31
ARZH2A	2.13	-0.43	0.54	0.84	-0.43	1.10	2.55	-0.22	0.29	4.56	-0.17	0.83
C926H2	2.26	0.33	0.91	0.77	-1.34	0.86	4.50	7.84X	0.78	2.56	-4.34X	0.57
C9KVQL	2.11	-0.54	0.29	0.82	-0.59	0.53	2.51	-0.39	0.17	4.55	-0.19	0.44
CGE2KM	2.47	1.59	0.70	0.98	1.44	0.28	2.98	1.56	1.06	5.12	0.99	0.10
DFCQ2P	2.09	-0.62	0.76	0.85	-0.21	0.28	2.47	-0.56	0.38	4.15	-1.03	0.13
DH7CW2	2.41	1.21	0.70	0.93	0.84	0.58	2.94	1.38	2.51	5.14	1.04	0.87
E6BP2Q	1.91	-1.71	1.00	0.81	-0.84	2.06	2.26	-1.43	0.91	4.04	-1.26	0.86
F8XJHQ	2.13	-0.41	0.00	0.88	0.19	0.28	2.50	-0.43	0.29	4.81	0.34	0.33
FJRZ8R	2.37	0.97	0.39	0.96	1.16	0.28	2.75	0.62	0.84	4.98	0.70	0.74
FRL62T	2.06	-0.81	0.57	0.85	-0.30	0.28	2.42	-0.76	1.04	3.90	-1.54	1.72
HWM2XX	2.47	1.55	1.90	0.96	1.20	1.72	2.75	0.61	2.20	5.23	1.23	2.67
KJEWMN	2.11	-0.52	1.86	0.83	-0.56	1.00	2.37	-0.98	0.35	4.21	-0.91	0.86
KYMVRL	1.65	-3.22X	0.29	0.82	-0.65	0.00	1.33	-5.25X	0.94	3.50	-2.38	
LMRRUR	2.21	0.04	0.72	0.98	1.52	0.25	2.91	1.27	1.20	5.25	1.26	0.21
LZHQUN	2.23	0.17	2.10	0.88	0.14	2.91	2.58	-0.10	0.44	4.64	-0.01	2.44
MC7E3T	2.29	0.54	0.61	0.87	-0.01	1.86	2.77	0.70	0.42	4.71	0.13	0.83
NBT3ZG	2.15	-0.29	0.94	0.77	-1.27	0.73	2.73	0.51	1.29	5.08	0.91	1.04



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K (SubTestCode 213) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
PQXTD7	2.05	-0.89	1.70	0.84	-0.42	1.76	2.33	-1.14	2.45	4.49	-0.32	1.53		
QG48KD	1.94	-1.53	1.58	0.80	-0.96	0.55	2.36	-1.02	0.75	4.53	-0.23	0.83		
QMW82U	2.38	1.03	0.29	0.95	1.05	0.38	2.86	1.06	0.29	5.15	1.06	0.14		
QWWXK F	2.32	0.70	0.60	0.91	0.55	0.80	2.80	0.83	0.67	5.28	1.33	0.34		
R7LDZQ	2.22	0.12	0.19	0.88	0.14	0.00	2.69	0.34	0.19	4.60	-0.09	0.17		
ULCXUJ	1.96	-1.39	0.13	0.82	-0.65	0.42	2.30	-1.25	1.25	4.09	-1.16	0.45		
V2DUA2	2.39	1.12	0.12	0.92	0.69	0.14	2.63	0.12	0.27	4.78	0.29	0.21		
V39E4R	2.29	0.54	0.11	0.95	1.11	0.41	2.73	0.52	0.83	5.04	0.82	0.54		
VCX42F	2.26	0.34	0.31	0.85	-0.24	0.26	2.57	-0.13	1.56	4.82	0.37	1.71		
WNR7VG	2.29	0.50	0.39	0.95	1.02	0.99	2.66	0.22	0.91	4.83	0.39	0.42		
XMR4N4	2.00	-1.14	0.78	0.82	-0.67	0.62	2.43	-0.71	0.79	4.48	-0.35	0.33		
XWVB7P	2.14	-0.38	0.82	0.83	-0.50	0.90	2.48	-0.53	0.48	4.60	-0.10	0.25		
ZJHWY9	2.12	-0.45	0.87	0.90	0.36	0.73	2.63	0.12	0.51	4.58	-0.14	0.08		

K (SubTestCode 213) in the Wet Digestion Property Groups					Data units: Percent			
	SRB1909		SRB1910		SRB1911		SRB1912	
Grand Median	2.20		0.87		2.60		4.65	
Median Abs Dev	0.09		0.05		0.14		0.25	
Avg Within Lab SD	0.05		0.02		0.06		0.15	
Labs Included	37		38		37		38	
Labs Reporting	39		39		39		39	



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Ca (SubTestCode 214) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XY86A	3.77	-0.12	0.54	0.25	2.20	0.46	1.27	0.44	0.39	1.77	0.25	0.54	
3LX4DL	3.54	-0.76	0.09	0.17	-0.49	0.46	1.10	-1.07	0.45	1.58	-0.96	0.15	
4N4LCG	3.83	0.07	1.07	0.17	-0.61	0.79	1.17	-0.47	0.98	1.80	0.47	1.53	
4ZXRY8	3.20	-1.71	2.40	0.26	2.54	2.41	1.10	-1.07	1.22	1.45	-1.83	1.07	
69N3V2	3.57	-0.67	1.66	0.19	-0.02	1.01	1.15	-0.59	0.65	1.60	-0.81	1.31	
7GTEK4	3.96	0.41	1.38	0.19	0.16	0.39	1.27	0.44	0.26	1.73	-0.01	1.30	
94GDVB	4.35	1.51	0.46	0.19	-0.04	0.46	1.20	-0.17	0.00	1.78	0.32	0.38	
9CQHQT	3.86	0.15	0.89	0.21	0.63	0.37	1.28	0.52	0.06	1.72	-0.06	0.17	
A6CNEX	4.07	0.74	0.37	0.20	0.33	0.12	1.36	1.29	0.37	1.80	0.45	0.16	
ARZH2A	3.91	0.28	0.88	0.19	0.07	1.37	1.26	0.35	0.20	1.75	0.15	0.55	
C926H2	3.87	0.17	0.52	0.17	-0.65	0.56	1.64	3.79X	0.55	1.15	-3.75X	0.36	
C9KVQL	3.74	-0.21	0.60	0.19	0.01	0.95	1.19	-0.26	0.29	1.72	-0.07	0.62	
CGE2KM	4.25	1.22	0.85	0.19	0.16	0.28	1.44	1.99	0.57	1.92	1.26	0.16	
DFCQ2P	3.52	-0.80	0.28	0.25	1.98	0.46	1.22	0.02	0.17	1.65	-0.53	0.09	
DH7CW2	4.31	1.39	0.35	0.20	0.43	2.34	1.35	1.18	1.37	1.88	0.97	0.12	
E6BP2Q	3.29	-1.47	1.47	0.27	2.63	2.64	1.22	0.01	3.65	1.56	-1.09	0.97	
FJRZ8R	3.99	0.49	0.23	0.19	0.18	0.46	1.25	0.32	0.10	1.84	0.73	1.10	
FRL62T	3.78	-0.07	0.56	0.18	-0.38	0.46	1.15	-0.59	0.35	1.62	-0.72	0.49	
HWM2XX	4.23	1.19	1.07	0.18	-0.16	0.46	1.27	0.50	1.44	1.80	0.47	2.14	
KJEWMN	3.51	-0.84	1.40	0.18	-0.16	0.91	1.10	-1.07	0.00	1.58	-0.98	1.50	
KYMVRL	2.60	-3.39X	0.00	0.16	-0.81	0.08	0.46	-6.84X	4.42	1.26	-3.04X	0.15	
LMRRUR	3.65	-0.45	0.44	0.20	0.50	0.03	1.26	0.38	0.66	1.87	0.95	0.07	
LZHQUN	3.73	-0.23	1.60	0.19	0.18	1.20	1.17	-0.47	0.39	1.64	-0.57	2.42	
MC7E3T	3.86	0.13	1.07	0.16	-0.91	0.76	1.26	0.35	0.35	1.66	-0.46	1.60	
NBT3ZG	4.19	1.06	0.11	0.19	0.18	0.46	1.38	1.44	2.85	1.91	1.17	0.23	
PQXTD7	3.69	-0.34	2.73	0.18	-0.16	1.33	1.22	0.02	2.04	1.73	0.01	2.11	



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
QG48KD	3.57	-0.66	0.91	0.24	1.75	2.73	1.05	-1.56	0.26	1.44	-1.85	0.69		
QMW82U	4.01	0.55	0.39	0.19	0.00	0.08	1.30	0.77	0.10	1.81	0.51	0.23		
QWWXK F	4.39	1.63	0.15	0.22	1.06	0.20	1.46	2.17	0.11	2.01	1.84	0.20		
R7LDZQ	3.80	-0.03	0.25	0.12	-2.18	0.46	1.22	-0.01	0.10	1.67	-0.35	0.18		
ULCXUJ	3.43	-1.07	0.56	0.16	-0.88	0.09	1.05	-1.49	0.49	1.52	-1.32	0.54		
V2DUA2	4.08	0.75	0.69	0.19	-0.02	0.09	1.24	0.17	0.03	1.76	0.22	0.47		
V39E4R	3.81	0.00	0.33	0.17	-0.48	0.12	1.19	-0.26	0.34	1.78	0.32	0.87		
VCX42F	4.27	1.30	0.29	0.17	-0.53	0.17	1.19	-0.24	0.81	1.77	0.28	1.51		
WNR7VG	3.92	0.32	0.84	0.19	0.00	0.24	1.20	-0.14	0.43	1.76	0.19	0.58		
XMR4N4	3.47	-0.95	0.30	0.22	1.11	0.42	1.12	-0.87	0.18	1.62	-0.70	0.73		
XWVB7P	3.68	-0.37	1.09	0.18	-0.34	0.31	1.13	-0.78	0.51	1.60	-0.83	0.77		
ZJHWY9	3.50	-0.86	0.77	0.17	-0.72	0.46	1.13	-0.83	0.35	1.64	-0.59	0.32		

Ca (SubTestCode 214) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	3.81	0.19	1.22	1.73		
Median Abs Dev	0.24	0.01	0.05	0.08		
Avg Within Lab SD	0.11	0.01	0.06	0.07		
Labs Included	37	38	36	36		
Labs Reporting	38	38	38	38		



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Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	0.67	-0.18	0.78	0.14	2.10	1.41	0.32	0.99	0.68	0.82	0.04	0.41
3LX4DL	0.64	-0.61	0.26	0.12	0.84	0.00	0.28	-0.25	0.68	0.77	-0.64	0.00
4N4LCG	0.69	0.09	0.69	0.01	-7.27X	0.62	0.29	0.00	0.00	0.87	0.60	1.34
4ZXRY8	0.60	-1.31	1.19	0.10	-0.92	1.41	0.26	-0.99	1.81	0.67	-1.89	0.20
69N3V2	0.63	-0.87	1.55	0.10	-0.31	1.03	0.28	-0.20	0.80	0.80	-0.31	1.19
7GTEK4	0.71	0.42	1.15	0.11	0.36	0.61	0.31	0.65	0.27	0.85	0.37	1.26
94GDVB	6.95	101.19X	1.96	0.10	-0.79	0.37	0.29	0.04	0.21	0.87	0.70	0.13
9CQHQT	0.68	0.03	0.36	0.11	0.07	0.42	0.31	0.68	0.17	0.80	-0.23	0.21
A6CNEX	0.77	1.45	1.57	0.13	1.34	0.14	0.33	1.63	0.54	0.91	1.12	0.92
ARZH2A	0.67	-0.18	0.78	0.10	-0.41	1.41	0.30	0.25	0.68	0.82	-0.04	1.43
C926H2	0.70	0.29	0.37	0.09	-1.13	1.01	0.83	19.86X	1.57	0.29	-6.81X	0.26
C9KVQL	0.65	-0.54	0.30	0.11	-0.04	0.74	0.28	-0.33	0.24	0.79	-0.42	0.23
CGE2KM	0.75	1.04	0.90	0.12	0.83	0.41	0.33	1.37	0.68	0.90	1.07	0.18
DFCQ2P	0.65	-0.50	0.00	0.12	0.84	0.00	0.29	0.00	0.00	0.78	-0.52	0.00
DH7CW2	0.75	1.03	0.38	0.13	1.50	0.76	0.33	1.54	1.13	0.91	1.10	0.99
E6BP2Q	0.65	-0.52	1.13	0.12	0.77	2.34	0.27	-0.92	0.61	0.78	-0.46	1.04
FJRZ8R	0.74	0.90	0.52	0.04	-4.93X	2.82	0.29	0.00	1.19	0.88	0.73	0.73
FRL62T	0.62	-1.04	0.26	0.10	-0.92	1.41	0.26	-0.99	0.68	0.76	-0.77	0.35
HWM2XX	0.77	1.49	1.30	0.12	0.59	1.41	0.31	0.74	2.05	0.91	1.20	2.60
KJEWMN	0.66	-0.39	1.45	0.10	-0.92	1.41	0.26	-1.23	2.47	0.78	-0.52	0.71
KYMVRL	0.49	-3.11X	0.22	0.10	-0.54	0.14	0.15	-5.03X	0.00	0.59	-2.92X	0.20
LMRRUR	0.61	-1.12	0.23	0.11	-0.11	0.47	0.27	-0.59	0.51	0.77	-0.64	0.07
LZHQUN	0.68	-0.07	1.13	0.11	0.09	0.00	0.28	-0.25	0.68	0.80	-0.21	2.16
MC7E3T	0.68	-0.03	0.27	0.10	-0.97	0.88	0.28	-0.20	0.55	0.81	-0.11	1.08
NBT3ZG	0.73	0.79	1.19	0.12	1.09	1.41	0.32	0.99	0.68	0.90	0.99	1.78
PQXTD7	0.71	0.49	1.11	0.11	0.14	1.54	0.31	0.64	2.53	0.88	0.74	2.23



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
QG48KD	0.64	-0.66	3.69	0.11	0.34	2.82	0.27	-0.86	0.68	0.74	-1.03	0.71		
QMW82U	0.73	0.74	0.24	0.11	0.36	0.14	0.32	1.00	0.12	0.90	1.08	0.35		
QWWXK F	0.79	1.72	0.34	0.12	1.14	0.49	0.35	2.18	0.24	1.00	2.31	0.51		
R7LDZQ	0.67	-0.12	0.26	0.10	-0.67	0.00	0.29	0.00	0.00	0.82	-0.04	0.20		
ULCXUJ	0.61	-1.14	0.31	0.09	-1.07	0.05	0.25	-1.49	1.19	0.74	-1.03	0.58		
V2DUA2	0.71	0.44	0.27	0.11	0.44	0.28	0.31	0.64	0.30	0.83	0.13	0.32		
V39E4R	0.71	0.52	0.18	0.10	-0.34	0.28	0.31	0.65	0.68	0.89	0.88	0.66		
VCX42F	0.74	0.89	0.23	0.09	-1.19	0.23	0.28	-0.35	1.40	0.85	0.36	1.18		
WNR7VG	0.69	0.19	0.43	0.11	0.04	0.37	0.29	-0.10	1.10	0.84	0.21	0.71		
XMR4N4	0.62	-1.05	0.54	0.11	-0.24	0.23	0.28	-0.41	0.38	0.74	-1.06	0.41		
XWVB7P	0.68	0.06	0.89	0.11	-0.19	0.77	0.29	-0.15	0.54	0.83	0.17	0.28		
ZJHWY9	0.60	-1.36	0.69	0.10	-0.67	0.00	0.26	-0.99	1.37	0.78	-0.52	0.35		

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	0.68	0.11	0.29	0.82		
Median Abs Dev	0.04	0.01	0.02	0.05		
Avg Within Lab SD	0.02	0.00	0.01	0.03		
Labs Included	36	36	36	36		
Labs Reporting	38	38	38	38		



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	0.173	-0.349	1.069	0.087	0.530	1.674	0.373	0.055	0.495	0.373	0.004	0.463
3LX4DL	0.170	-0.449	0.000	0.070	-1.091	0.000	0.313	-1.047	0.495	0.330	-0.820	0.000
4N4LCG	0.203	0.552	2.829	0.093	1.146	0.870	0.400	0.545	0.858	0.417	0.829	1.670
4ZXRY8	0.040	-4.351X	1.852	0.040	-4.008X	2.900	0.190	-3.314X	3.931	0.183	-3.612X	1.670
69N3V2	0.162	-0.683	1.630	0.082	0.086	1.020	0.365	-0.092	0.643	0.368	-0.090	0.968
7GTEK4	0.222	1.112	0.490	0.085	0.335	0.730	0.384	0.257	1.059	0.397	0.461	1.535
94GDVB	0.168	-0.499	0.535	0.083	0.157	0.084	0.200	-3.130	0.000	0.403	0.575	0.463
9CQHQT	0.194	0.284	0.577	0.091	0.923	0.624	0.390	0.371	0.405	0.394	0.399	0.536
A6CNEX	0.232	1.422	0.875	0.099	1.697	0.167	0.443	1.341	0.797	0.452	1.502	0.368
ARZH2A	0.193	0.252	1.069	0.083	0.173	1.507	0.400	0.545	0.858	0.400	0.512	1.389
C926H2	0.183	-0.066	0.823	0.080	-0.076	1.289	0.381	0.198	0.875	0.373	-0.004	1.109
C9KVQL	0.212	0.822	0.771	0.075	-0.637	0.604	0.361	-0.165	0.609	0.367	-0.110	0.379
CAVVLU	0.180	-0.149	0.000	0.080	-0.118	0.000	0.360	-0.190	0.858	0.370	-0.059	1.389
CGE2KM	0.220	1.063	0.975	0.090	0.863	0.167	0.429	1.077	1.144	0.425	0.985	0.343
DFCQ2P	0.163	-0.649	1.069	0.080	-0.118	0.000	0.353	-0.312	0.495	0.350	-0.440	0.000
DH7CW2	0.221	1.072	0.558	0.102	1.999	0.344	0.475	1.918	1.149	0.476	1.967	0.675
E6BP2Q	0.187	0.065	1.068	0.076	-0.543	1.806	0.322	-0.890	0.109	0.335	-0.724	0.915
FJRZ8R	0.190	0.151	0.000	0.090	0.854	0.000	0.390	0.361	0.858	0.410	0.702	0.802
FRL62T	0.170	-0.449	0.000	0.080	-0.118	0.000	0.353	-0.312	0.495	0.360	-0.249	0.000
HWM2XX	0.223	1.152	1.069	0.093	1.178	1.674	0.440	1.280	3.093	0.463	1.718	1.852
KJEWMN	0.137	-1.450	1.069	0.070	-1.091	0.000	0.337	-0.619	1.310	0.337	-0.694	1.670
KYMVRL	0.130	-1.650	0.000	0.080	-0.118	0.000	0.183	-3.436X	0.495	0.300	-1.391	0.000
LZHQUN	0.170	-0.449	1.852	0.073	-0.767	1.674	0.353	-0.312	1.310	0.360	-0.249	2.122
MC7E3T	0.181	-0.109	0.386	0.078	-0.280	1.339	0.390	0.361	0.670	0.385	0.233	0.887
NBT3ZG	0.213	0.852	1.069	0.097	1.502	1.674	0.393	0.423	0.495	0.393	0.385	0.463
PQXTD7	0.154	-0.930	1.599	0.077	-0.407	2.048	0.327	-0.798	2.285	0.338	-0.660	2.191



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S (SubTestCode 216) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QG48KD	0.153	-0.949	2.139	0.077	-0.442	1.674	0.327	-0.802	0.495	0.330	-0.820	0.802
QMW82U	0.047	-4.131X	0.107	0.001	-7.780X	0.029	0.815	8.165X	0.552	0.082	-5.547X	0.046
QWWXK F	0.212	0.812	0.321	0.074	-0.734	0.335	0.339	-0.582	0.423	0.351	-0.421	0.289
R7LDZQ	0.180	-0.149	0.000	0.080	-0.118	0.000	0.350	-0.374	0.000	0.357	-0.313	0.463
ULCXUJ	0.156	-0.863	0.833	0.075	-0.596	0.312	0.334	-0.661	0.558	0.342	-0.601	0.350
V2DUA2	0.190	0.151	0.185	0.082	0.076	0.290	0.370	0.000	0.387	0.382	0.169	0.289
V39E4R	0.223	1.132	0.428	0.091	0.974	0.243	0.451	1.489	0.558	0.492	2.257	0.602
VCX42F	0.209	0.732	0.215	0.083	0.208	0.094	0.387	0.311	1.160	0.407	0.642	1.721
WNR7VG	0.207	0.662	0.370	0.099	1.697	2.196	0.404	0.625	0.740	0.419	0.867	0.258
XMR4N4	0.183	-0.065	0.258	0.074	-0.675	0.260	0.330	-0.736	0.515	0.339	-0.653	0.604
XWVB7P	0.154	-0.935	0.254	0.070	-1.098	0.539	0.319	-0.942	0.986	0.330	-0.817	0.379
ZJHWY9	0.223	1.152	1.069	0.090	0.854	0.000	0.397	0.484	1.310	0.423	0.956	0.463

S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	0.18	0.081	0.37	0.37	
Median Abs Dev	0.02	0.006	0.03	0.03	
Avg Within Lab SD	0.01	0.003	0.01	0.01	
Labs Included	36	36	35	36	
Labs Reporting	38	38	38	38	



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Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
69N3V2	0.043	-0.800	0.557	0.003	-0.150	0.033	0.738	-0.298	0.499	0.076	-0.273	0.651
7GTEK4	0.047	0.082	0.740	0.004	0.027	0.236	0.776	0.289	0.083	0.078	0.000	0.525
A6CNEX	0.046	0.000	0.974				0.796	0.589	0.067	0.037	-5.045X	0.000
C9KVQL	0.046	-0.165	0.322	1.890	02.683X	13.789	0.743	-0.232	0.150	0.078	0.000	0.525
CGE2KM	0.047	0.135	0.156				0.838	1.237	0.407	0.081	0.335	0.639
DFCQ2P	0.047	0.082	1.217	0.010	1.043	0.000	0.680	-1.202	0.286	0.070	-0.984	0.000
DH7CW2	0.057	2.750	4.079	0.023	3.091	4.229	0.625	-2.048	4.464	0.093	1.851	0.177
FJRZ8R	0.050	0.907	0.000	0.002	-0.294	0.065	0.810	0.811	0.165	0.083	0.656	1.145
FRL62T	0.050	0.907	0.000	0.010	1.043	0.000	0.730	-0.428	0.165	0.080	0.246	0.000
HWM2XX	0.050	0.907	0.000				0.820	0.965	0.859	0.087	1.066	1.145
KJEWMN	0.043	-0.742	1.217				0.687	-1.099	0.382	0.073	-0.574	1.145
KYMVRL	0.036	-2.473	0.122	0.003	-0.005	0.007	0.400	-5.538X	0.165	0.066	-1.518	0.114
LZHQUN	0.080	8.327X	2.108	0.010	1.043	0.000	0.733	-0.376	0.344	0.100	2.707	3.965
MC7E3T	0.046	-0.082	0.211				0.779	0.331	0.151	0.077	-0.123	0.715
PQXTD7	0.086	9.827X	3.903	1.216	94.542X	5.858	0.765	0.108	1.067	0.124	5.718X	3.884
QG48KD	0.048	0.495	0.798	0.012	1.417	0.236	0.710	-0.738	0.184	0.072	-0.779	0.303
QMW82U	0.001	11.155X	0.012	0.015	1.888	0.007	0.026	11.326X	0.005	0.832	92.778X	1.049
QWWXK F	0.046	0.000	0.122	0.002	-0.241	0.000	0.737	-0.320	0.143	0.080	0.205	0.229
R7LDZQ	0.043	-0.742	0.122	0.001	-0.401	0.000	0.776	0.284	0.017	0.073	-0.615	0.000
ULCXUJ	0.045	-0.327	0.501				0.669	-1.380	0.236	0.075	-0.372	0.470
V2DUA2	0.052	1.319	0.487	0.001	-0.401	0.000	0.805	0.738	0.050	0.085	0.841	0.151
V39E4R	0.048	0.322	0.068	0.001	-0.334	0.017	0.811	0.821	0.174	0.083	0.640	0.300
VCX42F	0.045	-0.212	0.387	0.001	-0.469	0.011	0.751	-0.108	0.422	0.075	-0.413	0.765
WNR7VG	0.049	0.635	0.219	0.002	-0.209	0.016	0.797	0.604	0.338	0.083	0.615	0.464
XWVB7P	0.046	-0.110	0.094	0.004	0.005	0.022	0.812	0.836	0.945	0.076	-0.248	0.193



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Na (SubTestCode 217) in the Wet Digestion Property Groups											Data units: Percent	
SRB1909				SRB1910			SRB1911			SRB1912		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
ZJHWY9	0.041	-1.319	0.211	0.004	0.080	0.000	0.735	-0.345	0.010	0.074	-0.451	0.303

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1909		SRB1910		SRB1911	SRB1912
Grand Median	0.046		0.004		0.76	0.078
Median Abs Dev	0.002		0.002		0.04	0.005
Avg Within Lab SD	0.005		0.009		0.06	0.005
Labs Included	23		18		24	23
Labs Reporting	26		20		26	26



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AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
A6CNEX	250.0	0.2	0.5	109.6	0.0	0.1	475.9	0.8	0.4	774.1	0.6	0.3
C9KVQL	218.3	-0.3	0.3	92.0	-0.7	0.1	238.3	-0.3	0.3	486.0	-0.3	0.2
DFCQ2P	139.0	-1.4	0.1	86.3	-0.9	1.1	131.0	-0.8	0.1	250.0	-1.0	0.1
DH7CW2	310.4	1.0	1.2	163.3	2.2	3.3	650.7	1.6	2.2	1,063.1	1.5	2.8
FJRZ8R	158.3	-1.1	0.9	97.0	-0.5	0.7	208.0	-0.4	0.3	347.7	-0.7	1.4
FRL62T	260.4	0.3	1.2	125.3	0.6	0.2	539.5	1.1	0.9	835.0	0.8	0.2
HWM2XX	272.0	0.5	1.4	119.7	0.4	0.8	367.7	0.3	1.2	654.0	0.2	1.4
KJEWMN	95.2	-2.0	0.5	70.0	-1.6	0.6	101.0	-0.9	0.1	207.5	-1.1	0.1
LZHQUN	118.0	-1.7	2.2	108.3	0.0	2.2	203.7	-0.4	3.2	244.3	-1.0	2.3
NBT3ZG	274.0	0.5	0.3	133.3	1.0	0.1	626.3	1.5	0.1	898.3	1.0	0.2
QG48KD	206.8	-0.4	2.6	108.9	0.0	0.8	241.1	-0.3	0.1	467.8	-0.3	0.8
QMW82U	213.0	-0.3	0.6	94.6	-0.6	0.3	248.7	-0.2	0.1	524.0	-0.2	0.3
QWVXK F	261.2	0.3	0.4	113.5	0.2	0.4	453.9	0.7	0.4	743.3	0.5	0.4
R7LDZQ	166.5	-1.0	0.1	85.2	-1.0	0.1	184.9	-0.5	0.1	389.9	-0.6	0.2
V2DUA2	264.7	0.4	0.9	124.0	0.6	0.3	538.3	1.1	1.3	971.3	1.2	0.7
V39E4R	241.3	0.1	0.2	115.0	0.2	0.3	334.7	0.2	0.2	620.3	0.1	0.4
VCX42F	314.1	1.1	0.5	132.9	1.0	0.1	433.5	0.6	0.3	784.9	0.6	0.8
WNR7VG	233.3	-0.1	0.2	108.0	0.0	0.3	268.0	-0.2	0.3	538.3	-0.1	0.3
XWVB7P	218.7	-0.3	0.3	80.1	-1.2	0.3	236.2	-0.3	0.4	496.1	-0.3	0.3
ZJHWY9	262.7	0.4	0.2	130.0	0.8	0.1	623.3	1.5	0.1	986.7	1.3	0.1



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AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	237.3	109.2	301.3	579.3	
Median Abs Dev	29.0	15.4	124.3	200.2	
Avg Within Lab SD	10.8	10.4	31.0	34.1	
Labs Included	20	20	20	20	
Labs Reporting	20	20	20	20	



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	42.63	-0.31	0.67	4.93	0.25	0.45	29.07	0.17	0.36	24.57	0.20	0.45
3LX4DL	42.97	-0.24	0.15	4.47	0.00	0.24	25.97	-0.62	1.01	22.37	-0.32	0.17
4N4LCG	42.53	-0.33	2.17	3.80	-0.36	0.29	26.90	-0.38	2.18	21.70	-0.48	0.40
7GTEK4	45.77	0.30	0.83	5.88	0.75	2.77	30.77	0.61	1.32	25.90	0.52	1.39
9CQHQT	49.36	1.00	0.34	5.90	0.76	0.52	29.93	0.39	0.35	24.26	0.13	0.45
A6CNEX	52.15	1.55	0.97	2.78	-0.90	0.29	32.94	1.16	0.41	25.54	0.44	1.16
ARZH2A	48.20	0.78	0.93	5.10	0.33	0.78	29.53	0.29	0.77	24.70	0.24	1.67
C926H2	47.87	0.71	0.63	0.71	-2.01X	0.41	21.94	-1.65	0.68	26.69	0.71	1.08
C9KVQL	43.47	-0.14	1.23	2.69	-0.95	1.44	26.17	-0.57	1.10	23.10	-0.15	0.98
CGE2KM	43.36	-0.17	0.16	1.37	-1.65	0.54	23.29	-1.31	0.89	17.57	-1.47	2.07
DFCQ2P	43.67	-0.11	0.33	5.00	0.28		27.33	-0.27	0.59	20.67	-0.73	0.64
DH7CW2	48.84	0.90	0.87	7.17	1.44	0.65	31.64	0.83	0.92	26.79	0.74	0.64
E6BP2Q	33.91	-2.01	1.18	5.54	0.57	1.68	21.56	-1.75	2.15	18.09	-1.35	1.60
FJRZ8R	46.67	0.48	2.85	4.00	-0.25		29.67	0.32	0.59	24.00	0.07	
FRL62T	45.57	0.26	0.07	6.66	1.16	0.37	28.72	0.08	0.28	24.02	0.07	0.28
HWM2XX	48.80	0.89	0.57	4.73	0.14	0.25	27.30	-0.28	1.80	23.37	-0.08	1.84
KJEWMN	35.68	-1.66	0.89	3.99	-0.26	0.57	23.18	-1.34	0.40	18.50	-1.25	0.30
KYMVRL	27.50	-3.25X	0.06	3.80	-0.36	0.51	7.13	-5.44X	0.39	15.20	-2.04	0.11
LMRRUR	34.87	-1.82	0.63	2.08	-1.28	0.69	24.40	-1.02	1.09	12.83	-2.60	1.89
LZHQUN	27.33	-3.29X	0.88	3.37	-0.59	1.80	17.67	-2.75X	0.59	14.67	-2.16	1.28
MC7E3T	41.30	-0.57	1.02	3.90	-0.31	0.65	24.20	-1.08	0.72	20.27	-0.82	0.06
NBT3ZG	51.33	1.39	0.33	3.33	-0.61	0.12	31.33	0.75	0.59	25.57	0.44	0.17
PQXTD7	43.91	-0.06	1.98	8.90	2.36X	4.24	32.08	0.94	2.26	28.05	1.04	2.02
QG48KD	40.13	-0.79	1.50	6.63	1.15	2.37	25.80	-0.67	0.81	21.47	-0.54	0.13
QMW82U	47.57	0.65	0.46	3.91	-0.30	0.78	29.73	0.34	0.21	23.63	-0.02	0.17



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B (SubTestCode 219) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QWVXK	44.42	0.04	0.33	4.95	0.25	0.24	29.11	0.18	0.18	23.86	0.03	0.06	
F													
R7LDZQ	42.80	-0.28	0.13	4.01	-0.25	0.09	26.53	-0.48	0.10	21.51	-0.53	0.13	
V2DUA2	44.00	-0.04		3.00	-0.79		24.67	-0.96	0.59	21.00	-0.65		
V39E4R	50.40	1.21	0.70	5.45	0.52	0.44	32.47	1.04	0.59	27.43	0.89	0.67	
VCX42F	45.38	0.23	0.20	9.37	2.61X	1.19	28.91	0.13	0.73	23.79	0.02	0.81	
WNR7VG	47.63	0.67	0.82	7.60	1.67	0.87	28.47	0.02	0.82	24.70	0.24	0.67	
XMR4N4	41.09	-0.61	0.27	5.24	0.41	0.05	23.60	-1.23	0.07	19.07	-1.11	0.19	
XWVB7P	49.53	1.03	0.56	5.46	0.53	0.43	31.13	0.70	0.37	25.98	0.54	0.02	
ZJHWY9	42.33	-0.37	0.33	1.00	-1.85		28.33	-0.02	1.18	25.00	0.31		

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1909		SRB1910		SRB1912
Grand Median	44.2		4.47		23.7
Median Abs Dev	3.0		0.99		2.2
Avg Within Lab SD	1.7		0.46		0.9
Labs Included	32		31		34
Labs Reporting	34		34		34



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	39.7	0.0	0.3	4,430.0	-0.3	0.1	32.3	0.4	0.6	75.3	-0.8	0.4
3LX4DL	42.9	0.6	1.8	3,969.7	-0.8	0.2	50.1	3.0	0.2	87.9	0.4	0.3
4N4LCG	44.7	1.0	1.9	3,960.0	-0.8	0.3	31.0	0.2	0.6	90.0	0.7	1.6
4ZXRY8	39.3	-0.1	1.9	5,781.0	1.3	0.9	29.4	0.0	1.7	78.2	-0.6	0.6
69N3V2	49.8	2.0	1.6	4,473.7	-0.2	0.5	47.7	2.6	1.5	91.3	0.8	1.5
7GTEK4	41.6	0.4	1.3	4,626.7	-0.1	0.4	30.7	0.2	1.3	83.2	0.0	1.0
947EZ2	37.6	-0.4	0.5	4,152.0	-0.6	0.3	28.1	-0.2	0.4	70.3	-1.4	0.1
94GDVB	47.0	1.4	0.6	3.9	-5.4X	0.0	30.5	0.1	0.0	25.2	-6.0X	0.1
9CQHQT	45.1	1.1	1.1	4,901.2	0.3	0.0	36.9	1.1	1.1	88.1	0.5	1.3
A6CNEX	48.1	1.6	0.7	4,861.3	0.2	0.2	32.3	0.4	0.1	89.8	0.6	0.4
ARZH2A	44.4	0.9	1.4	4,923.3	0.3	0.4	40.3	1.6	2.1	96.0	1.3	1.8
C926H2	38.4	-0.3	0.7	5,032.3	0.4	0.7	83.7	7.9X	0.2	24.8	-6.1X	0.2
C9KVQL	37.4	-0.5	0.4	4,557.3	-0.1	0.3	27.0	-0.4	0.3	84.8	0.1	0.4
CGE2KM	47.9	1.6	1.6	5,931.3	1.4	0.1	43.2	2.0	2.8	100.4	1.7	1.9
DFCQ2P	40.3	0.1	0.3	4,486.7	-0.2	0.1	28.7	-0.1	0.2	76.7	-0.7	0.2
DH7CW2	44.2	0.9	0.8	5,280.0	0.7	0.3	57.4	4.1X	2.8	94.1	1.1	0.7
E6BP2Q	33.1	-1.4	0.4	4,296.7	-0.4	1.2	39.8	1.5	2.2	67.5	-1.7	0.6
FJRZ8R	41.3	0.3	0.7	7,041.0	2.7	0.4	39.7	1.5	0.8	86.7	0.3	1.1
FRL62T	39.3	-0.1	0.5	6,851.9	2.5	0.8	31.4	0.3	0.5	87.3	0.4	0.4
HWM2XX	42.2	0.5	0.7	4,923.3	0.3	0.6	27.5	-0.3	0.7	85.1	0.2	2.1
KJEWMN	31.8	-1.6	0.5	4,420.3	-0.3	0.5	24.4	-0.7	0.3	65.4	-1.9	0.4
KYMVRL	18.7	-4.2X	0.5	2,948.0	-2.0	0.1	7.1	-3.3X	0.2	39.4	-4.5X	2.1
LMRRUR	37.4	-0.5	0.1	4,846.7	0.2	0.0	32.4	0.4	0.2	85.6	0.2	0.1
LZHQUN	40.7	0.2	1.8	3,936.7	-0.8	0.3	29.7	0.0	1.1	81.0	-0.3	1.8
MC7E3T	36.0	-0.8	0.9	4,650.0	0.0	0.3	27.6	-0.3	0.6	76.5	-0.7	1.4
NBT3ZG	43.7	0.8	1.1	4,149.3	-0.6	0.0	29.1	-0.1	0.1	84.0	0.0	1.3



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Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PQXTD7	37.1	-0.6	2.0	4,385.3	-0.3	1.4	28.5	-0.2	1.4	79.9	-0.4	1.9	
QG48KD	34.8	-1.0	1.4	5,582.1	1.0	1.0	43.5	2.0	1.5	72.0	-1.2	0.9	
QMW82U	44.2	0.9	0.3	5,210.7	0.6	0.1	30.2	0.1	0.1	91.7	0.8	0.2	
QWVXK F	36.5	-0.7	0.3	6,917.6	2.6	0.7	28.1	-0.2	0.2	78.3	-0.5	0.1	
R7LDZQ	38.5	-0.3	0.1	4,723.5	0.1	0.3	26.5	-0.4	0.3	79.4	-0.4	0.3	
ULCXUJ	35.1	-0.9	0.3	4,606.3	-0.1	0.1	25.1	-0.6	0.3	72.7	-1.1	0.2	
V2DUA2	40.7	0.2	0.3	4,093.0	-0.7	0.0	26.2	-0.5	0.0	79.3	-0.4	0.1	
V39E4R	38.7	-0.2	0.4	4,673.3	0.0	0.3	27.1	-0.4	0.2	84.2	0.1	0.5	
VCX42F	37.9	-0.4	0.2	8,911.7	4.9X	0.2	26.4	-0.5	1.1	80.2	-0.3	1.2	
WNR7VG	41.8	0.4	0.4	5,266.7	0.7	2.2	28.1	-0.2	0.2	85.3	0.2	0.5	
XMR4N4	38.3	-0.3	0.4	3,793.4	-1.0	0.2	35.2	0.8	0.5	71.0	-1.3	0.4	
XWVB7P	35.3	-0.9	0.2	4,787.4	0.1	4.8	23.9	-0.8	0.3	76.2	-0.8	0.7	
ZJHWY9	40.0	0.0	0.6	4,807.3	0.2	0.1	28.3	-0.2	0.2	86.7	0.3	0.4	

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	39.8	4,673.3	29.5	83.6	
Median Abs Dev	2.6	359.0	2.7	5.4	
Avg Within Lab SD	1.7	283.7	2.5	3.0	
Labs Included	38	37	36	36	
Labs Reporting	39	39	39	39	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XY86A	90.3	-0.6	0.4	18.7	0.0	0.8	203.7	-0.1	0.1	123.3	-0.6	0.7	
3LX4DL	96.6	0.0	0.3	18.5	-0.1	0.3	196.7	-0.5	0.9	126.3	-0.4	0.1	
4N4LCG	96.5	0.0	0.6	13.5	-2.3	1.7	206.0	0.0	1.0	133.7	0.1	1.5	
4ZXRY8	94.1	-0.2	1.4	19.6	0.4	0.3	187.1	-1.0	1.1	121.9	-0.7	0.9	
69N3V2	94.4	-0.2	1.7	20.6	0.8	1.2	216.5	0.5	1.4	133.0	0.1	1.4	
7GTEK4	103.3	0.7	1.2	20.3	0.7	1.3	218.0	0.6	0.9	135.3	0.2	1.2	
947EZ2	61.8	-3.5X	0.1	15.3	-1.5	0.3	160.5	-2.3	0.5	106.1	-1.8	0.0	
94GDVB	98.7	0.2	0.2	17.7	-0.5	1.6	200.7	-0.3	0.1	125.3	-0.4	0.1	
9CQHQT	108.3	1.2	2.0	20.9	0.9	1.6	210.6	0.2	0.4	131.7	0.0	0.3	
A6CNEX	96.8	0.1	1.2	19.8	0.5	0.2	221.7	0.8	1.0	134.9	0.2	0.3	
ARZH2A	100.4	0.4	1.2	19.4	0.3	1.3	212.3	0.3	1.7	134.0	0.2	1.4	
C926H2	93.1	-0.3	0.8	18.7	0.0	0.8	123.2	-4.2X	0.3	194.3	4.3X	1.0	
C9KVQL	100.1	0.4	0.3	17.4	-0.6	0.6	210.6	0.2	0.2	135.0	0.2	0.5	
CGE2KM	94.8	-0.2	1.4	18.9	0.0	0.7	218.5	0.6	0.2	127.5	-0.3	1.3	
DFCQ2P	96.3	0.0	0.4	19.3	0.3	0.8	207.3	0.1	0.4	124.7	-0.5	0.1	
DH7CW2	67.3	-3.0X	0.4	34.9	7.1X	0.5	114.2	-4.7X	0.6	81.0	-3.5X	0.4	
E6BP2Q	91.7	-0.5	0.6	18.7	0.0	1.4	186.7	-1.0	1.1	121.1	-0.7	0.2	
FJRZ8R	106.0	1.0	0.6	20.0	0.6		216.0	0.5	0.2	139.7	0.5	1.3	
FRL62T	95.6	-0.1	1.0	20.3	0.7	1.7	203.0	-0.2	2.0	128.4	-0.2	1.1	
HWM2XX	109.3	1.3	1.4	19.7	0.4	0.9	219.0	0.6	2.6	144.0	0.9	2.9	
KJEWMN	78.2	-1.9	0.4	16.5	-1.0	0.2	168.6	-1.9	0.6	104.3	-1.9	0.6	
KYMVRL	70.3	-2.7	0.2	17.3	-0.6	0.8	103.0	-5.2X		95.7	-2.5	0.1	
LMRRUR	100.4	0.4	0.1	22.8	1.8	0.5	227.8	1.1	0.5	149.5	1.2	0.1	
LZHQUN	95.7	-0.1	1.5	16.0	-1.2	1.4	193.7	-0.6	0.6	123.3	-0.6	1.8	
MC7E3T	92.6	-0.4	0.9	17.0	-0.8	0.7	197.0	-0.5	0.6	124.0	-0.5	0.2	
NBT3ZG	111.3	1.5	0.4	19.5	0.3	0.3	212.0	0.3	0.8	143.3	0.8	0.9	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PQXTD7	94.7	-0.2	1.9	19.4	0.3	1.6	206.1	0.0	1.2	132.9	0.1	2.1	
QG48KD	90.9	-0.6	2.8	28.3	4.2X	4.9	178.6	-1.4	1.4	114.5	-1.2	1.0	
QMW82U	108.7	1.3	0.4	20.5	0.8	0.4	230.7	1.2	0.4	145.0	0.9	0.2	
QWXXK F	120.2	2.4	0.2	23.4	2.1	1.7	261.5	2.8	0.0	163.6	2.2	0.1	
R7LDZQ	87.2	-0.9	0.2	7.4	-5.0X	0.1	197.2	-0.5	0.2	119.9	-0.8	0.1	
ULCXUJ	91.5	-0.5	0.8	18.0	-0.3	0.7	189.0	-0.9	1.3	120.2	-0.8	0.4	
V2DUA2	104.2	0.8	0.3	18.7	0.0	0.2	206.3	0.0	0.2	134.5	0.2	0.2	
V39E4R	101.7	0.5	0.2	18.2	-0.2	0.3	210.3	0.2	0.9	138.3	0.5	0.5	
VCX42F	100.7	0.4	0.2	17.7	-0.5	0.2	207.5	0.1	1.7	132.4	0.0	1.6	
WNR7VG	103.0	0.7	0.6	19.3	0.3	0.7	210.7	0.2	1.3	135.0	0.2	0.4	
XMR4N4	86.6	-1.0	0.7	16.7	-0.9	0.7	167.7	-2.0	0.3	115.7	-1.1	0.9	
XWVB7P	85.0	-1.2	0.2	13.6	-2.3	1.4	193.5	-0.6	0.9	114.8	-1.2	0.4	
ZJHWY9	95.7	-0.1	0.6	18.3	-0.2	0.8	202.3	-0.2	0.4	132.7	0.1	0.5	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	96.3	18.7	206.2	131.7	
Median Abs Dev	4.6	1.1	9.7	7.7	
Avg Within Lab SD	2.7	0.7	4.2	4.6	
Labs Included	37	36	36	37	
Labs Reporting	39	39	39	39	



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	260.3	0.3	0.2	156.7	0.0	0.1	896.0	0.7	0.2	831.3	0.5	0.7
3LX4DL	250.7	0.1	0.3	148.0	-0.5	0.2	764.0	-0.2	0.7	727.3	-0.2	0.3
4N4LCG	270.7	0.5	1.0	162.7	0.3	2.7	889.3	0.6	0.2	894.7	0.9	1.2
4ZXRY8	263.7	0.4	0.4	232.4	3.9X	1.3	729.8	-0.5	1.6	713.3	-0.3	0.6
69N3V2	243.0	-0.1	1.0	179.5	1.2	2.0	880.3	0.6	0.8	805.7	0.3	1.3
7GTEK4	272.3	0.6	1.7	181.0	1.2	2.0	884.3	0.6	0.7	814.0	0.4	1.4
947EZ2	179.1	-1.5	0.1	137.2	-1.0	0.2	458.0	-2.4	0.1	553.4	-1.3	0.4
94GDVB	194.0	-1.2	0.2	149.2	-0.4	0.1	792.3	0.0	0.1	520.3	-1.5	0.0
A6CNEX	267.8	0.5	0.5	163.5	0.3	0.1	923.5	0.9	0.7	845.7	0.6	0.3
ARZH2A	274.7	0.6	1.2	168.0	0.6	1.3	928.7	0.9	1.2	876.0	0.8	1.6
C926H2	250.6	0.1	0.7	165.8	0.4	0.4	770.1	-0.2	1.1	835.8	0.5	1.1
C9KVQL	237.8	-0.2	0.3	154.8	-0.1	1.2	763.2	-0.2	0.1	778.5	0.1	0.8
CGE2KM	233.1	-0.3	0.9	138.4	-1.0	0.5	877.2	0.6	0.6	781.1	0.2	0.5
DFCQ2P	211.7	-0.8	0.3	161.3	0.2	0.1	652.0	-1.0	0.2	540.3	-1.4	0.3
DH7CW2	194.2	-1.2	0.4	134.2	-1.2	0.5	584.2	-1.5	1.3	548.5	-1.3	1.3
E6BP2Q	236.6	-0.2	3.4	155.4	-0.1	0.6	644.1	-1.1	1.0	614.9	-0.9	0.0
FJRZ8R	192.7	-1.2	0.9	157.7	0.0	0.5	685.3	-0.8	0.5	590.7	-1.1	1.9
FRL62T	282.2	0.8	0.5	183.5	1.4	1.1	950.1	1.1	2.9	925.1	1.1	0.7
HWM2XX	290.3	1.0	1.1	168.0	0.6	0.7	856.3	0.4	2.2	830.3	0.5	2.0
KJEWMN	153.0	-2.1	0.7	124.6	-1.7	0.4	526.3	-1.9	0.0	449.9	-2.0	0.1
KYMVRL	178.4	-1.5	0.2	148.1	-0.5	0.1	338.0	-3.2X	0.3	597.0	-1.0	0.4
LMRRUR	272.0	0.6	1.5	166.1	0.5	0.4	937.8	1.0	1.4	867.3	0.7	0.6
LZHQUN	166.7	-1.8	1.2	146.0	-0.6	2.0	701.7	-0.7	0.7	624.7	-0.9	2.0
MC7E3T	224.3	-0.5	0.5	138.7	-1.0	0.8	738.0	-0.4	1.3	693.3	-0.4	1.1
NBT3ZG	247.7	0.0	0.2	139.7	-0.9	0.1	760.3	-0.3	0.2	744.3	-0.1	0.1
PQXTD7	259.1	0.3	1.3	183.7	1.4	1.2	858.1	0.4	2.1	806.0	0.3	2.3



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Fe (SubTestCode 222) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QG48KD	237.4	-0.2	2.6	153.6	-0.2	1.4	702.1	-0.7	0.5	665.2	-0.6	1.3	
QMW82U	246.3	0.0	0.5	167.0	0.5	1.3	827.3	0.2	0.5	770.0	0.1	0.3	
QWWXK F	235.6	-0.3	0.2	148.8	-0.4	0.4	833.9	0.3	0.1	722.6	-0.2	0.8	
R7LDZQ	207.3	-0.9	0.1	131.7	-1.3	0.4	719.8	-0.5	0.1	652.5	-0.7	0.1	
ULCXUJ	200.6	-1.0	0.4	146.1	-0.6	0.0	625.9	-1.2	0.4	582.5	-1.1	0.2	
V2DUA2	285.3	0.9	0.3	169.3	0.6	0.5	913.7	0.8	0.6	912.7	1.0	0.2	
V39E4R	284.7	0.8	0.3	171.7	0.8	1.7	954.3	1.1	0.2	958.0	1.3	0.7	
VCX42F	250.8	0.1	0.1	155.5	-0.1	0.6	807.1	0.1	1.0	792.1	0.2	1.5	
WNR7VG	267.7	0.5	0.6	166.0	0.5	0.7	816.3	0.1	0.9	795.3	0.2	0.4	
XMR4N4	295.4	1.1	1.3	193.9	1.9	0.8	788.0	-0.1	0.6	743.2	-0.1	0.7	
XWVB7P	215.9	-0.7	0.4	81.1	-3.9X	5.6	797.4	0.0	1.0	721.6	-0.2	0.6	
ZJHWY9	285.0	0.9	0.2	166.3	0.5	0.1	904.0	0.8	0.2	855.0	0.6	0.2	

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	247.0	157.2	797.4	757.2	
Median Abs Dev	25.2	10.3	86.9	90.2	
Avg Within Lab SD	11.0	10.8	26.5	25.9	
Labs Included	38	36	37	38	
Labs Reporting	38	38	38	38	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XY86A	8.00	-0.67		6.67	-0.15	0.54	9.33	-0.90	1.02	12.33	-0.33	1.03
3LX4DL	12.77	4.09X	0.37	9.97	2.99X	0.05	13.90	3.80X	0.93	16.27	3.06X	0.84
4N4LCG	9.15	0.48	1.15	7.16	0.32	0.84	9.42	-0.82	1.53	12.37	-0.31	1.39
4ZXRY8	10.00	1.33	2.94	8.01	1.13	0.95	10.16	-0.06	1.28	12.99	0.23	1.87
69N3V2	8.82	0.15	1.25	7.08	0.24	0.18	10.82	0.62	0.67	12.81	0.08	1.31
7GTEK4	7.66	-1.01	0.47	7.24	0.40	2.06	9.99	-0.23	0.48	12.13	-0.51	0.84
94GDVB	8.55	-0.12	0.09	6.50	-0.30	0.01	10.17	-0.05	0.10	12.37	-0.31	0.10
9CQHQT	13.05	4.38X	5.95	8.13	1.25	0.33	11.42	1.24	0.98	13.66	0.81	0.67
A6CNEX	9.62	0.95	0.46	6.59	-0.22	0.13	11.98	1.82	0.05	14.41	1.46	0.69
ARZH2A	7.30	-1.36	0.47	6.10	-0.68	0.74	9.83	-0.39	0.67	11.60	-0.97	0.95
C926H2	7.41	-1.25	1.15	7.42	0.57	0.45	12.15	1.99	0.61	9.66	-2.64X	0.50
C9KVQL	8.08	-0.58	0.21	6.19	-0.60	0.22	10.19	-0.02	0.12	11.62	-0.95	0.35
CGE2KM	7.11	-1.55	1.20	4.51	-2.20	1.00	9.01	-1.24	0.94	11.57	-0.99	1.77
DFCQ2P	8.67	0.00	1.02	5.67	-1.10	0.54	10.00	-0.22		12.00	-0.62	
DH7CW2	7.94	-0.72	0.69	7.19	0.36	0.67	9.98	-0.24	0.98	12.21	-0.44	0.48
E6BP2Q	10.55	1.88	2.31	7.06	0.23	0.92	11.86	1.70	2.76	12.04	-0.59	2.41
FJRZ8R	9.33	0.67	1.02	7.00	0.17	0.93	10.67	0.47	1.02	13.67	0.82	1.03
FRL62T	9.05	0.38	0.91	7.20	0.36	0.32	10.82	0.63	1.67	13.34	0.53	0.60
HWM2XX	9.19	0.53	0.66	6.60	-0.21	0.32	10.35	0.15	0.91	13.57	0.73	1.56
KJEWMN	7.83	-0.84	0.49	9.37	2.42	4.55	9.42	-0.81	0.43	11.05	-1.44	0.35
KYMVRL	5.99	-2.67X	0.07	6.30	-0.49	0.16	3.53	-6.88X	0.27	8.83	-3.35X	0.21
LMRRUR	9.80	1.13	1.14	8.65	1.74	0.20	11.23	1.04	1.07	14.25	1.32	0.07
LZHQUN	9.17	0.50	1.43	9.13	2.20	0.57	11.60	1.43	2.88	14.00	1.10	1.79
MC7E3T	8.33	-0.33	0.73	5.60	-1.16	0.09	10.00	-0.22	0.30	12.23	-0.42	0.37
NBT3ZG	9.13	0.47	0.10	7.17	0.33	0.05	10.60	0.40	0.18	13.47	0.64	0.98
PQXTD7	8.36	-0.31	0.71	6.70	-0.12	0.26	10.58	0.38	0.82	13.31	0.51	0.98



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Cu (SubTestCode 223) in the Wet Digestion Property Groups													Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
QG48KD	8.50	-0.17	1.16	6.17	-0.62	0.30	9.37	-0.87	0.79	11.23	-1.28	1.08		
QMW82U	9.58	0.92	0.60	7.31	0.47	0.54	11.33	1.15	0.24	13.98	1.09	0.29		
QWWXK F	8.53	-0.14	0.37	6.20	-0.59	0.57	10.23	0.02	0.19	12.77	0.04	0.41		
R7LDZQ	8.41	-0.26	0.29	6.44	-0.36	0.86	10.07	-0.15	0.06	12.21	-0.44	0.03		
ULCXUJ	8.15	-0.52	0.28	6.35	-0.45	0.22	9.48	-0.75	0.82	11.82	-0.78	0.19		
V2DUA2	10.40	1.73	0.98	7.13	0.30	0.39	11.33	1.15	0.10	14.20	1.28	0.54		
V39E4R	9.39	0.72	0.95	6.40	-0.40	0.04	11.17	0.98	0.27	13.90	1.02	0.31		
VCX42F	8.78	0.11	0.08	6.40	-0.40	0.60	10.06	-0.15	0.59	12.72	0.00	1.31		
WNR7VG	8.94	0.28	0.33	7.72	0.86	1.01	10.47	0.26	0.20	13.03	0.27	0.27		
XMR4N4	8.11	-0.56	0.38	6.94	0.12	0.22	9.33	-0.91	0.19	11.58	-0.98	0.20		
XWVB7P	9.02	0.35	0.30	11.97	4.89X	4.98	10.46	0.25	0.25	13.07	0.30	0.04		
ZJHWY9	8.00	-0.67		6.00	-0.78		9.67	-0.56	1.02	12.67	-0.05	1.03		

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	8.67	6.82	10.2	12.7		
Median Abs Dev	0.56	0.45	0.6	0.7		
Avg Within Lab SD	0.57	1.07	0.6	0.6		
Labs Included	35	36	36	35		
Labs Reporting	38	38	38	38		



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Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg		
WebCode	SRB1909			SRB1910			SRB1911			SRB1912				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
DFCQ2P	0.43	-0.82	0.55	0.33	-1.12	0.62	0.20	0.00	0.00	0.23	-1.66	1.13		
DH7CW2	0.57	0.15	2.02	0.74	1.12	2.52	0.87	6.25X	15.37	1.70	10.46X	8.59		
E6BP2Q	0.61	0.37	2.08	0.70	0.90	1.62	0.24	0.39	2.20	0.52	0.73	1.76		
FRL62T	0.69	0.94	0.88	0.72	1.02	0.19	0.23	0.25	2.31	0.51	0.66	1.47		
HWM2XX	0.56	0.03	0.11	0.55	0.06	0.22	0.12	-0.78	0.27	0.44	0.05	0.34		
QMW82U	0.61	0.38	1.21	0.64	0.59	0.58	0.31	0.98	0.46	0.43	0.00	0.91		
QWWXK F	0.40	-1.03	0.02	0.51	-0.14	0.02	0.06	-1.28	0.51	0.28	-1.27	0.22		
R7LDZQ	0.23	-2.19	0.22	0.20	-1.86	0.00	0.20	0.00	0.00	0.47	0.27	0.69		
V2DUA2	0.34	-1.43	0.06	0.38	-0.88	0.81	0.07	-1.18	0.53	0.24	-1.58	1.18		
V39E4R	0.55	-0.03	0.02	0.54	0.00	0.07	0.11	-0.81	0.07	0.41	-0.21	0.06		
WNR7VG	0.49	-0.43	0.29	0.54	0.00	0.06	0.11	-0.84	0.00	0.35	-0.72	0.57		
XWVB7P	-1.00	-10.61X	3.16	-0.77	-7.25X	2.45	-1.04	-11.56X	10.51	-0.89	-10.97X	5.58		
ZJHWY9	0.60	0.32	0.96	0.47	-0.38	1.24	0.30	0.93	0.00	0.47	0.27	1.13		

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1909		SRB1910		SRB1911	SRB1912
Grand Median	0.55		0.54		0.20	0.43
Median Abs Dev	0.06		0.13		0.09	0.08
Avg Within Lab SD	0.10		0.09		0.02	0.05
Labs Included	12		12		11	11
Labs Reporting	13		13		13	13



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P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	0.13	-0.25	0.00	0.19	-0.64	0.15	0.31	-0.45	0.00	0.39	0.00	0.00	
34HUBZ	0.16	1.92	0.71	0.22	1.67	0.45	0.35	2.29	0.79	0.46	2.62	0.41	
CAVVLU	0.13	0.00	2.05	0.19	-0.72	1.51	0.31	-0.25	1.12	0.38	-0.51	1.15	
K3L8NK	0.14	0.78	0.36	0.20	0.00	1.51	0.32	0.38	1.65	0.39	-0.15	1.64	
QWWXK	0.13	-0.42	0.41	0.21	0.35	0.45	0.32	0.00	0.63	0.39	0.09	0.92	

P (SubTestCode 225) in the Dry Ash Property Groups					Data units: Percent
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	0.13	0.20	0.32	0.39	
Median Abs Dev	0.01	0.01	0.01	0.00	
Avg Within Lab SD	0.00	0.00	0.01	0.01	
Labs Included	5	5	5	5	
Labs Reporting	5	5	5	5	



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K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	2.12	-0.50	0.56	0.93	0.18	0.24	2.55	-0.49	0.11	4.72	-0.18	0.28
34HUBZ	2.48	1.72	0.69	0.95	0.38	0.37	2.82	0.88	0.22	4.94	0.77	0.39
CAVVLU	2.21	0.08	0.56	0.89	-0.18	0.24	2.76	0.59	0.28	4.80	0.15	0.34
K3L8NK	2.19	-0.06	0.75	1.03	1.09	0.59	2.63	-0.11	0.56	4.80	0.16	1.34
QWXXK	2.21	0.06	0.41	0.87	-0.33	0.11	2.67	0.11	0.16	4.73	-0.15	0.53
F												
TTW7PN	1.93	-1.62	2.04	0.70	-1.88	2.32	2.28	-1.87	2.35	4.14	-2.65	1.89

K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

	SRB1909	SRB1910	SRB1911	SRB1912
Grand Median	2.20	0.91	2.65	4.76
Median Abs Dev	0.05	0.04	0.11	0.04
Avg Within Lab SD	0.06	0.04	0.09	0.06
Labs Included	6	6	6	6
Labs Reporting	6	6	6	6



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Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	3.73	-0.06	0.16	0.17	-0.38	0.00	1.18	-0.28	0.33	1.67	-0.31	0.54	
34HUBZ	4.15	2.22	0.16	0.18	-0.12	0.73	1.37	1.36	0.63	1.94	1.23	1.43	
CAVVLU	3.75	0.06	0.19	0.20	0.21	0.70	1.24	0.28	0.66	1.78	0.29	0.18	
K3L8NK	3.68	-0.33	0.22	0.30	1.92	0.77	1.17	-0.30	0.88	1.72	-0.05	1.41	
QWXXK	3.80	0.34	0.12	0.20	0.12	0.32	1.28	0.61	0.62	1.73	0.05	0.25	
F													
TTW7PN	3.55	-1.05	2.42	0.12	-1.30	2.07	1.07	-1.21	1.98	1.35	-2.12	1.25	

Ca (SubTestCode 227) in the Dry Ash Property Groups					Data units: Percent
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	3.74	0.19	1.21	1.73	
Median Abs Dev	0.06	0.02	0.05	0.05	
Avg Within Lab SD	0.19	0.01	0.02	0.03	
Labs Included	6	6	6	6	
Labs Reporting	6	6	6	6	



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Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	0.66	-0.54	0.39	0.10	-0.64	0.00	0.27	-0.64	0.32	0.81	-0.34	0.30	
34HUBZ	0.75	1.15	0.42	0.13	0.67	0.91	0.32	0.94	0.20	0.93	1.22	0.48	
CAVLU	0.65	-0.66	0.23	0.11	-0.11	0.00	0.28	-0.32	0.32	0.80	-0.46	0.81	
K3L8NK	0.75	1.15	0.24	0.13	1.03	0.14	0.30	0.32	0.32	0.89	0.60	1.13	
QWXXK	0.70	0.27	0.17	0.11	0.11	0.13	0.31	0.39	0.10	0.87	0.34	0.52	
F													
TTW7PN	0.67	-0.27	2.35	0.08	-1.48	2.27	0.25	-1.45	2.38	0.75	-1.09	1.87	

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	0.69	0.11	0.29	0.84	
Median Abs Dev	0.03	0.01	0.02	0.04	
Avg Within Lab SD	0.03	0.00	0.02	0.02	
Labs Included	6	6	6	6	
Labs Reporting	6	6	6	6	



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Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	0.050	-0.325	0.000	0.004	-0.566	0.037	0.810	0.387	0.171	0.080	-0.532	0.000	
34HUBZ	0.058	0.622	0.409	0.012	0.096	0.037	0.746	-0.187	0.091	0.097	0.254	0.508	
CAVVLU	0.040	-1.559	0.000	0.027	1.335	0.374	0.753	-0.121	0.099	0.077	-0.686	1.468	
K3L8NK	0.061	1.056	0.501	0.009	-0.096	0.009	0.904	1.230	0.206	0.136	2.050	1.181	
QWXXK	0.051	-0.243	0.409	0.002	-0.703	0.000	0.780	0.121	0.010	0.086	-0.254	0.000	
F													
TTW7PN	0.055	0.243	2.327	0.026	1.251	2.420	0.543	-2.002	2.431	0.097	0.271	1.481	

Na (SubTestCode 229) in the Dry Ash Property Groups					Data units: Percent
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	0.053	0.011	0.77	0.09	
Median Abs Dev	0.004	0.008	0.03	0.01	
Avg Within Lab SD	0.001	0.015	0.06	0.00	
Labs Included	6	6	6	6	
Labs Reporting	6	6	6	6	



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AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg
WebCode	SRB1909			SRB1910			SRB1911			SRB1912
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
69N3V2	195.3		1.4	72.5		1.4	651.9		1.4	724.7 1.4
QWWXK F	181.5		0.3	80.4		0.3	626.8		0.0	556.6 0.1
AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg
	SRB1909			SRB1910			SRB1911			SRB1912
Grand Median	188.4			76.5			639.3			640.6
Median Abs Dev										
Avg Within Lab SD	4.9			4.5			22.1			37.2
Labs Included	2			2			2			2
Labs Reporting	2			2			2			2



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B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27TDYB	42.67	-0.60	0.44	43.33	8.70X	1.19	27.00	-0.81		22.70	-0.65	0.06
34HUBZ	48.03	0.58	0.46	7.59	0.00	0.33	33.97	0.58	0.22	29.33	0.79	0.21
4ZXRY8	40.03	-1.18	0.44	2.69	-1.19	0.29	23.71	-1.46	0.78	19.01	-1.45	0.96
69N3V2	42.20	-0.70	2.20	5.56	-0.49	0.98	26.75	-0.86	2.28	21.93	-0.81	2.52
CAVVLU	46.33	0.21	0.44	9.33	0.43	1.19	34.33	0.65	0.33	29.33	0.79	0.35
K3L8NK	50.72	1.17	0.35	13.51	1.44	0.23	33.52	0.49	0.44	29.86	0.90	0.45
QWWXK	48.84	0.76	0.11	5.88	-0.42	0.30	32.46	0.28	0.19	25.70	0.00	0.03
F												
TTW7PN	44.45	-0.21	1.49	10.68	0.75	2.07	29.66	-0.28	0.89	25.68	0.00	0.59

B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB1909	SRB1910	SRB1911	SRB1912
Grand Median	45.4	7.59	31.1	25.7
Median Abs Dev	3.0	2.03	3.1	3.6
Avg Within Lab SD	1.3	0.49	1.7	1.7
Labs Included	8	7	8	8
Labs Reporting	8	8	8	8



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	37.8	0.0	1.0	3,465.1	-0.7	2.4	26.4	-0.1	0.2	80.9	0.4	0.6	
34HUBZ	43.0	1.5	1.1	5,639.7	0.6	0.0	33.7	0.0	0.5	97.6	1.7	0.5	
CAVVLU	38.3	0.1	1.1	4,810.7	0.1	0.0	36.3	0.1	0.9	80.3	0.3	0.6	
K3L8NK	36.7	-0.3X	0.8	4,356.0	-0.1	0.1	191.3	3.6	2.1	68.7	-0.7	1.7	
QWXXK F	32.1	-1.7	0.7	7,635.3	1.9	0.2	25.0	-0.2	0.2	68.4	-0.7	0.3	
TTW7PN	37.7	0.0	1.0	3,672.7	-0.6	0.2	30.5	0.0	0.7	72.9	-0.3	1.5	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1909		SRB1910		SRB1912	
Grand Median	37.8		4,583.3		76.6	
Median Abs Dev	0.5		983.5		6.1	
Avg Within Lab SD	0.5		1,215.3		0.9	
Labs Included	5		6		6	
Labs Reporting	6		6		6	



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Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	96.3	-0.3	0.6	19.6	0.0	0.2	202.0	0.2	0.5	126.7	-0.1	0.2	
34HUBZ	103.6	0.8	1.4	19.5	0.0	0.7	208.6	0.6	1.3	131.6	0.7	0.8	
CAVVLU	91.7	-1.0	0.6	18.3	-0.4	1.5	186.7	-0.6	0.7	118.0	-1.6	1.1	
K3L8NK	102.3	0.6	0.9	22.8	1.0	0.1	171.0	-1.4	0.5	128.4	0.1	1.9	
QWVXK	100.3	0.3	0.4	21.4	0.6	0.4	216.5	1.0	0.1	131.4	0.6	0.1	
F													
TTW7PN	90.2	-1.2	1.5	13.4	-2.0	1.8	193.9	-0.2	1.9	122.3	-0.9	0.7	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	98.3	19.6	197.9	127.6		
Median Abs Dev	4.6	1.5	11.0	4.0		
Avg Within Lab SD	0.9	0.4	2.2	2.3		
Labs Included	6	6	6	6		
Labs Reporting	6	6	6	6		



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	134.0	-0.8	0.3	94.0	-0.2	0.3	720.7	0.1	0.8	598.3	-0.1	0.6	
34HUBZ	156.1	0.0	1.0	79.1	-1.1	0.1	674.1	-0.7	0.7	605.0	0.0	2.2	
CAVVLU	150.7	-0.2	1.3	90.0	-0.4		707.3	-0.1	0.5	601.7	0.0	0.2	
K3L8NK	167.7	0.4	1.7	101.6	0.2	0.6	674.9	-0.7	1.4	667.0	1.0	0.4	
QWWXK	156.9	0.0	0.2	107.5	0.6	0.8	724.4	0.2	1.3	579.8	-0.4	0.3	
F													
TTW7PN	226.8	2.6	0.5	124.6	1.5	2.0	834.9	2.2	1.0	764.8	2.5	0.8	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg			
	SRB1909		SRB1910		SRB1911		SRB1912	
Grand Median	156.5		97.8		714.0		603.4	
Median Abs Dev	8.5		8.7		24.7		14.3	
Avg Within Lab SD	3.2		5.7		10.9		19.9	
Labs Included	6		6		6		6	
Labs Reporting	6		6		6		6	



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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27TDYB	134.00	109.97X	5.10	94.00	106.72X	8.27	720.67	334.70X	40.54	598.33	544.82X	71.80	
34HUBZ	10.57	0.82	0.94	6.67	0.00	0.99	11.50	0.69	1.12	14.83	1.56	0.73	
CAVVLU	8.90	-0.66	1.35	5.63	-1.26	0.73	11.13	0.00	0.26	12.83	-0.29	0.69	
K3L8NK	10.71	0.94	0.15	7.33	0.81	0.66	11.34	0.39	1.18	13.75	0.56	1.25	
QWXXK	8.57	-0.95	0.52	5.82	-1.04	0.12	10.32	-1.53	0.23	12.12	-0.95	0.14	
F													
TTW7PN	9.65	0.00	1.42	6.89	0.27	1.74	10.73	-0.76	1.49	13.15	0.00	1.56	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1909		SRB1910		SRB1911	SRB1912
Grand Median	9.65		6.67		11.1	13.1
Median Abs Dev	0.92		0.66		0.4	0.6
Avg Within Lab SD	0.20		0.21		0.2	0.2
Labs Included	5		5		5	5
Labs Reporting	6		6		6	6



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg		
WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	
27TDYB	8.53		1.39	5.37		1.41	9.73		1.41	12.17		1.41
QWWXK	0.39		0.27	0.52		0.08	0.07		0.04	0.25		0.10

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1909		SRB1910		SRB1911	SRB1912
Grand Median	4.46		2.94		4.90	6.21
Median Abs Dev						
Avg Within Lab SD	0.04		0.11		0.08	0.11
Labs Included	2		2		2	2
Labs Reporting	2		2		2	2



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As (SubTestCode 237) in the Heavy Metals Property Groups Data units: mg/kg

WebCode	SRB1909			SRB1910			SRB1911			SRB1912		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
A6CNEX	0.83	-0.06	0.85	0.43	1.37	0.36	0.52	2.52	0.32	0.55	0.00	0.67
DH7CW2	1.63	1.64	2.16	0.73	2.57	2.80	0.46	2.12	2.83	1.40	2.15	2.71
FRL62T	0.10	-1.63	0.29	0.09	0.00	0.05	0.09	-0.24	0.22	0.99	1.11	0.85
HWM2XX	0.86	0.00	0.41	0.05	-0.18	0.00	0.09	-0.22	0.14	0.37	-0.43	0.22
KJEWMN	1.00	0.30	0.96	0.06	-0.15	0.02	0.11	-0.07	0.08	0.41	-0.33	0.16
R7LDZQ	0.19	-1.43	0.38	0.18	0.35	0.04	0.19	0.39	0.36	1.14	1.48	0.16
V2DUA2	1.22	0.75	1.49	0.37	1.11	0.23	0.17	0.26	0.82	0.57	0.05	0.61
V39E4R	0.95	0.18	0.26	0.05	-0.18	0.01	0.13	0.00	0.01	0.50	-0.11	0.14
WNR7VG	0.83	-0.08	0.10	0.06	-0.15		0.09	-0.24	0.02	0.38	-0.41	0.04

As (SubTestCode 237) in the Heavy Metals Property Groups Data units: mg/kg

	SRB1909	SRB1910	SRB1911	SRB1912
Grand Median	0.86	0.09	0.13	0.55
Median Abs Dev	0.14	0.04	0.04	0.16
Avg Within Lab SD	0.07	0.25	0.07	0.09
Labs Included	9	9	9	9
Labs Reporting	9	9	9	9



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Ba (SubTestCode 238) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
A6CNEX	30.36	-3.74X	1.47	2.80	-0.13	1.47	4.07	-1.26	0.52	4.98	-0.50	1.18	
DH7CW2	43.01	0.00	0.69	3.17	0.80	1.79	4.64	0.12	1.18	6.37	0.91	1.98	
FRL62T	45.65	0.78	2.15	3.53	1.71	1.32	4.97	0.94	1.93	7.40	1.94	1.47	
HWM2XX	48.50	1.63	1.50	2.89	0.08	1.16	4.59	0.02	1.11	5.53	0.06	0.67	
KJEWMN	44.56	0.46	1.17	3.49	1.60	0.79	4.87	0.69	1.43	5.57	0.09	0.81	
QMW82U	44.90	0.56	0.15	3.05	0.50	0.77	4.53	-0.13	0.77	5.29	-0.19	0.44	
R7LDZQ	38.41	-1.36	0.24	2.44	-1.05	0.31	3.59	-2.41	0.50	4.07	-1.42	0.19	
V2DUA2	40.43	-0.76	0.34	2.82	-0.08	0.20	4.70	0.28	0.43	6.53	1.07	1.06	
V39E4R	41.83	-0.35	0.13	2.60	-0.63	0.34	4.58	-0.02	0.30	5.42	-0.06	0.16	
WNR7VG	42.43	-0.17	0.27	2.79	-0.17	0.31	4.23	-0.87	0.45	4.98	-0.50	0.18	

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1909		SRB1910		SRB1912	
Grand Median	43.0		2.85		5.48	
Median Abs Dev	1.9		0.23		0.50	
Avg Within Lab SD	1.8		0.18		0.36	
Labs Included	9		10		10	
Labs Reporting	10		10		10	



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Cd (SubTestCode 239) in the Heavy Metals Property Groups											Data units: mg/kg		
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
A6CNEX										0.960	-0.727	0.684	
DH7CW2	0.053	-0.182	2.145	0.088	1.753	2.783	0.108	1.512	2.359	1.147	1.266	0.672	
FRL62T	0.103	1.703	0.414	0.087	1.701	0.223	0.133	2.322	1.417	1.013	-0.160	1.634	
HWM2XX	0.067	0.336	0.414	0.040	0.000	0.000	0.060	0.000	0.000	1.180	1.614	1.552	
KJEWMN	0.050	-0.286	0.000	0.033	-0.243	0.223	0.050	-0.317	0.000	0.947	-0.869	0.395	
QMW82U	0.047	-0.398	1.926				0.049	-0.348		1.133	1.117	1.899	
R7LDZQ	0.093	1.330	0.414	0.040	0.000	0.000	0.097	1.161	0.536	0.993	-0.372	0.290	
V2DUA2	0.107	1.828	0.414	0.080	1.458	0.386	0.060	0.000	0.000	1.020	-0.089	0.000	
V39E4R	0.057	-0.007	0.030	0.036	-0.156	0.060	0.053	-0.210	0.124	1.037	0.089	0.219	
WNR7VG	0.058	0.000	0.083	0.038	-0.085	0.022	0.054	-0.201	0.351	1.070	0.443	0.328	

Cd (SubTestCode 239) in the Heavy Metals Property Groups											Data units: mg/kg		
	SRB1909			SRB1910			SRB1911			SRB1912			
Grand Median	0.058			0.040			0.060			1.03			
Median Abs Dev	0.009			0.005			0.010			0.06			
Avg Within Lab SD	0.014			0.026			0.011			0.05			
Labs Included	9			8			9			10			
Labs Reporting	9			8			9			10			



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
A6CNEX	0.09	-1.30	0.22	0.14	-0.67	0.04	0.89	-1.82	0.28	0.28	-1.69	0.16	
DH7CW2	0.15	-0.72	2.88	0.50	0.11	0.66	1.52	0.55	1.40	0.53	0.52	0.88	
FRL62T	0.43	2.04	0.24	0.51	0.15	0.53	1.70	1.21	1.64	0.97	4.38X	1.31	
HWM2XX	0.22	0.00	0.24	0.35	-0.21	0.35	1.30	-0.29	0.88	0.48	0.04	0.15	
KJEWMN	0.23	0.06	0.37				1.48	0.39	1.12	0.44	-0.27	0.37	
QMW82U	0.30	0.81	1.21	1.40	2.09	1.31	1.64	0.99	1.73	0.71	2.13	2.96	
R7LDZQ	0.19	-0.26	0.14	0.39	-0.13	0.97	1.20	-0.68	0.51	0.39	-0.74	0.25	
V2DUA2	0.19	-0.32	0.14	0.37	-0.17	0.13	1.20	-0.68	0.32	0.47	-0.04	0.12	
V39E4R	0.24	0.15	0.72	0.39	-0.11	0.51	1.48	0.38	0.91	0.49	0.15	0.13	
WNR7VG	0.19	-0.29	0.42	1.74	2.82	2.48	1.26	-0.44	0.25	0.43	-0.33	0.25	
ZJHWY9	0.37	1.46	0.42	0.58	0.29	0.23	1.38	0.00	0.07	0.57	0.84	0.33	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB1909		SRB1910		SRB1911		SRB1912	
Grand Median	0.22		0.44		1.38		0.47	
Median Abs Dev	0.03		0.09		0.15		0.05	
Avg Within Lab SD	0.04		0.43		0.08		0.05	
Labs Included	11		10		11		10	
Labs Reporting	11		10		11		11	



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
A6CNEX	5.25	-1.51	0.16				2.85	-0.20	0.18	1.67	0.00	0.08	
DH7CW2	5.27	-1.46	0.39	0.05	-1.97	0.81	3.04	0.53	1.12	1.72	0.11	0.75	
HWM2XX	5.97	0.25	1.14	0.40	1.23	0.00	3.33	1.64	0.68	3.30	3.18	2.64	
KJEWMN	5.49	-0.92	0.36	0.28	0.09	1.35	2.79	-0.40	0.40	1.36	-0.59	0.26	
QMW82U	5.87	0.01	0.98	0.42	1.41		2.86	-0.14	2.05	1.59	-0.14	1.05	
R7LDZQ	6.17	0.75	2.36	0.26	-0.06	2.01	2.34	-2.11	1.70	0.99	-1.31	0.50	
V2DUA2	5.87	0.00	0.71	0.24	-0.22	0.10	2.90	0.00	0.00	1.90	0.45	0.00	
V39E4R	6.02	0.38	0.53	0.23	-0.35	0.12	3.09	0.73	0.09	1.80	0.26	0.22	
WNR7VG	5.54	-0.79	0.24	0.27	0.06	0.67	2.98	0.30	0.06	1.65	-0.03	0.10	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1909	SRB1910	SRB1911	SRB1912		
Grand Median	5.87	0.27	2.90	1.67		
Median Abs Dev	0.31	0.03	0.11	0.13		
Avg Within Lab SD	0.71	0.06	0.17	0.20		
Labs Included	9	8	9	9		
Labs Reporting	9	8	9	9		



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Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
DH7CW2	0.43	1.31	2.14	0.86	2.09	0.23	0.10	-0.09	0.41	0.16	-0.61	0.56	
FRL62T	1.62	9.18X	8.96	0.67	1.55	2.81	0.96	1.58		2.15	2.03	1.81	
HWM2XX	0.17	-0.38	0.04	0.08	-0.14	0.02	0.14	-0.01	0.05	0.62	-0.01	0.12	
KJEWMN	0.20	-0.19	0.11	0.11	-0.07	0.03	0.15	0.00	0.06	0.66	0.05	0.08	
QMW82U	0.46	1.53	1.71	0.78	1.86	0.99	0.77	1.21	1.47	1.37	1.00	1.77	
R7LDZQ	0.25	0.19	0.53	0.16	0.07	0.24	1.60	2.82	2.33	2.34	2.28	1.50	
V2DUA2	0.37	0.93	0.40	0.13	0.00	0.19	0.30	0.30	0.50	0.57	-0.07	0.15	
V39E4R	0.16	-0.44	0.06	0.08	-0.15	0.00	0.14	-0.02	0.02	0.61	-0.01	0.04	
WNR7VG	0.16	-0.43	0.03	0.08	-0.14	0.01	0.13	-0.03	0.02	0.62	0.00	0.04	

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1909		SRB1910		SRB1912	
Grand Median	0.23		0.13		0.62	
Median Abs Dev	0.07		0.05		0.06	
Avg Within Lab SD	0.14		0.31		0.38	
Labs Included	8		9		9	
Labs Reporting	9		9		9	



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Sr (SubTestCode 243) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1909			SRB1910			SRB1911			SRB1912			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
A6CNEX	172.27	-3.83X	0.93	3.14	-0.56	0.93	9.55	-1.82	0.07	15.89	-2.19	0.74	
DH7CW2	257.09	0.09	0.31	6.92	5.12X	2.15	12.03	0.00	1.29	20.22	-0.24	0.02	
FRL62T	258.33	0.14	1.96	3.90	0.58	0.93	12.34	0.22	1.80	20.75	0.00	1.30	
HWM2XX	278.67	1.08	1.00	3.58	0.11	0.28	12.63	0.44	0.86	22.53	0.80	1.58	
KJEWMN	291.93	1.70	2.07	5.67	3.24	2.63	14.49	1.80	1.97	24.35	1.62	1.66	
QMW82U	263.33	0.38	0.19	3.38	-0.19	0.10	12.80	0.56	0.48	21.13	0.17	0.20	
R7LDZQ	224.83	-1.40	0.18	3.06	-0.68	0.22	10.95	-0.80	0.19	18.38	-1.07	0.48	
V2DUA2	245.33	-0.46	0.29	4.00	0.73		12.00	-0.02		21.67	0.41	1.48	
V39E4R	253.33	-0.09	0.05	3.34	-0.26	0.20	13.90	1.37	0.00	22.03	0.58	0.79	
WNR7VG	251.00	-0.19	0.65	3.44	-0.11	0.39	11.60	-0.32	0.31	20.37	-0.17	0.59	
ZJHWY9	228.80	-1.22	0.47	3.69	0.27	0.22	11.93	-0.08	0.35	20.41	-0.15	0.27	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1909	SRB1910	SRB1911	SRB1912	
Grand Median	255.2	3.51	12.0	20.8	
Median Abs Dev	9.0	0.28	0.6	0.9	
Avg Within Lab SD	10.7	0.30	0.6	1.0	
Labs Included	10	10	11	11	
Labs Reporting	11	11	11	11	



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PH (SubTestCode 301)

Data units:

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	7.86	1.04	0.08	8.67	1.78	0.53	8.05	1.21	0.11
69N3V2	7.19	-0.53	1.77	8.14	-0.56	0.34	7.47	-0.30	0.11
7GTEK4	7.64	0.54	0.78	8.35	0.35	0.30	7.74	0.40	0.22
9CQHQT	7.51	0.21	0.22	8.30	0.16	0.75	7.84	0.67	0.06
C9YH39	7.41	-0.02	0.14	8.27	0.00	0.50	7.78	0.51	0.31
CAVVLU	7.00	-1.00	0.08	7.99	-1.21	0.98	7.42	-0.44	0.31
DJFNCH	6.53	-2.12	1.32	7.67	-2.65	1.50	7.50	-0.23	3.46
E6BP2Q	7.63	0.51	1.36	8.32	0.24	0.87	7.85	0.68	0.41
FJRZ8R	6.84	-1.38	0.22	8.01	-1.12	0.30	6.88	-1.84	0.32
LZHQUN	7.46	0.09	1.06	8.35	0.35	0.36	7.45	-0.37	0.55
PQXTD7	7.97	1.31	0.04	6.75	-6.70X	0.11	7.31	-0.71	0.02
QG48KD	6.76	-1.57	0.30	7.90	-1.60	0.30	6.99	-1.55	0.11
QMW82U	7.43	0.04	0.16	8.27	0.03	0.30	7.73	0.38	0.27
TTW7PN	7.41	-0.01	0.02	8.19	-0.33	0.14	7.67	0.23	0.10
ULCXUJ	6.88	-1.27	0.43	8.32	0.22	0.61	7.09	-1.28	1.82
V2DUA2	7.42	0.01	0.00	8.24	-0.12	0.00	7.73	0.37	0.00
VCX42F	7.37	-0.12	0.08	8.16	-0.46	1.41	7.37	-0.56	0.12
XWVB7P	7.58	0.38	3.02	8.34	0.31	2.99	7.75	0.42	1.32

PH (SubTestCode 301)

Data units:

	SRW1907	SRW1908	SRW1909
Grand Median	7.42	8.27	7.59
Median Abs Dev	0.22	0.08	0.18
Avg Within Lab SD	0.07	0.05	0.09
Labs Included	18	17	18
Labs Reporting	18	18	18



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.09	0.13	0.28	0.64	1.36	0.03	0.12	0.83	0.41
69N3V2	0.09	0.13	0.00	0.61	0.06	0.29	0.11	0.50	1.38
7GTEK4	0.08	-0.31	0.16	0.60	-0.10	0.18	0.11	-0.43	0.14
C9YH39	0.08	-0.30	0.00	0.59	-0.60	0.01	0.11	-0.90	0.10
CAVVLU	0.09	0.13	0.00	0.61	0.28	0.29	0.12	1.17	1.38
DJFNCH	0.11	2.04	0.28	0.55	-1.85	3.31	0.12	1.43	2.87
E6BP2Q	0.10	0.77	2.71	0.60	-0.33	0.15	0.12	2.36	0.14
FJRZ8R	0.09	-0.15	1.64	0.54	-2.34	0.29	0.11	-0.16	0.00
LZHQUN	0.08	-0.75	0.15	0.06	-18.66X	0.02	0.11	-0.85	0.12
QG48KD	0.08	-0.42	1.64	0.60	-0.06	0.29	0.11	-0.16	0.00
QMW82U	0.09	-0.23	0.16	0.61	0.16	0.03	0.11	-0.03	0.14
TTW7PN	0.11	2.15	0.36	0.63	0.82	0.33	0.14	5.69X	0.11
ULCXUJ	0.09	-0.09	0.05	0.62	0.41	0.11	0.11	0.03	0.03
V2DUA2	0.09	-0.29	0.00	0.58	-0.76	0.13	0.11	-0.16	0.00
VCX42F	0.12	2.81	0.17	0.82	7.46X	0.21	0.16	8.82X	0.18
XWVB7P	0.09	0.09	1.69	0.61	0.32	1.59	0.11	0.42	1.31

EC (SubTestCode 302)

Data units: dS/m

	SRW1907	SRW1908	SRW1909
Grand Median	0.088	0.61	0.11
Median Abs Dev	0.004	0.01	0.00
Avg Within Lab SD	0.004	0.02	0.00
Labs Included	16	14	14
Labs Reporting	16	16	16



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.26	-0.64	0.50	3.19	0.14	0.19	0.32	-0.42	0.32
69N3V2	0.33	0.11	0.47	3.10	0.00	0.65	0.43	0.58	0.21
7GTEK4	0.38	0.69	0.38	3.36	0.44	0.79	0.43	0.56	0.21
9CQHQT	0.50	1.94	0.21	3.15	0.08	0.26	0.52	1.47	0.55
CAVVLU	0.23	-0.96	1.76	2.83	-0.46	1.61	0.37	0.00	1.86
DJFNCH	0.31	-0.07	0.46	2.39	-1.22	0.84	0.35	-0.12	0.77
E6BP2Q	0.40	0.83	1.39	3.37	0.45	2.38	0.43	0.62	0.79
FJRZ8R	0.31	-0.12	0.30	2.93	-0.30	0.48	0.33	-0.38	1.13
LZHQUN	0.34	0.18	0.97	3.42	0.54	0.77	0.42	0.52	0.39
PQXTD7	0.18	-1.52	0.07	1.57	-2.62	0.09	0.21	-1.51	0.13
QG48KD	0.24	-0.93	0.63	2.78	-0.55	1.39	0.27	-0.88	0.81
QMW82U	0.36	0.41	0.06	3.13	0.04	0.41	0.40	0.34	0.13
TTW7PN	0.24	-0.85	0.08	2.58	-0.90	0.61	0.31	-0.57	0.33
ULCXUJ	0.23	-0.96	2.88	1.53	-2.68	0.10	0.12	-2.34	2.80
V2DUA2	0.33	0.07	0.00	3.10	0.00	0.09	0.37	0.00	0.05
VCX42F	0.01	-3.48X	0.02	0.05	-5.21X	0.01	0.01	-3.39X	0.01
XWVB7P	0.37	0.52	0.62	3.32	0.37	1.60	0.42	0.48	0.87

Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.32	3.10	0.37
Median Abs Dev	0.06	0.26	0.06
Avg Within Lab SD	0.03	0.10	0.03
Labs Included	16	16	16
Labs Reporting	17	17	17



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Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1907			SRW1908			SRW1909			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
34HUBZ	0.23	-0.58	0.34	2.69	0.27	0.24	0.09	-1.18	1.06	
69N3V2	0.27	0.05	0.11				0.14	0.07	0.27	
7GTEK4	0.31	0.65	0.14	2.77	0.43	1.37	0.15	0.39	1.28	
9CQHQT	0.35	1.31	0.16	2.51	-0.11	0.42	0.19	1.29	0.78	
CAVVLU	0.27	-0.05	2.32	2.40	-0.33	0.00	0.20	1.46	0.00	
DJFNCH	0.23	-0.68	0.28	1.87	-1.41	0.52	0.12	-0.45	0.93	
E6BP2Q	0.30	0.43	0.57	2.70	0.29	2.09	0.15	0.38	1.41	
FJRZ8R	0.35	1.39	0.46	2.79	0.48	0.55	0.16	0.46	1.19	
LZHQUN	0.28	0.24	0.26	2.75	0.38	0.62	0.15	0.27	2.14	
PQXTD7	0.15	-2.01	0.09	1.42	-2.34	0.15	0.07	-1.65	0.05	
QG48KD	0.23	-0.60	0.61	2.56	0.00	0.91	0.11	-0.55	1.19	
QMW82U	0.28	0.20	0.02	2.57	0.01	0.43	0.13	-0.07	0.21	
TTW7PN	0.25	-0.33	0.10	2.22	-0.70	1.41	0.11	-0.64	0.72	
ULCXUJ	0.17	-1.59	2.98	1.24	-2.71	0.17	0.07	-1.52	0.19	
V2DUA2	0.26	-0.09	0.00	2.44	-0.26	0.09	0.13	-0.27	0.12	
VCX42F	0.00	-4.43X	0.01	0.03	-5.18X	0.00	0.00	-3.14X	0.08	
XWVB7P	0.31	0.61	0.71	2.76	0.41	2.12	0.14	0.14	1.29	

Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
	SRW1907			SRW1908			SRW1909			
Grand Median	0.27			2.56			0.14			
Median Abs Dev	0.04			0.19			0.02			
Avg Within Lab SD	0.02			0.06			0.00			
Labs Included	16			15			16			
Labs Reporting	17			16			17			



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Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.09	-2.74	0.64	0.89	-0.44	0.12	0.48	-1.04	0.30
69N3V2	0.20	-0.17	0.12	0.96	0.21	0.53	0.53	-0.03	0.08
7GTEK4	0.21	0.15	2.62	0.99	0.55	1.57	0.55	0.40	1.84
9CQHQT	5.25	118.97X	3.24	22.25	206.20X	3.42	12.75	238.11X	9.11
C9YH39	0.21	0.04	0.00	0.91	-0.24	0.25	0.52	-0.23	0.00
CAVVLU	0.20	-0.20	0.00	0.87	-0.66	1.42	0.47	-1.27	2.70
DJFNCH	0.17	-0.99	0.69	0.79	-1.42	0.05	0.46	-1.49	0.07
E6BP2Q	0.24	0.73	1.25	1.09	1.53	2.15	0.60	1.24	1.66
FJRZ8R	0.21	-0.04	0.61	0.94	0.05	0.00	0.53	0.03	0.27
LZHQUN	0.23	0.56	1.07	1.03	0.90	0.54	0.56	0.56	0.44
PQXTD7	0.28	1.69	1.06	0.86	-0.69	0.28	0.55	0.35	0.47
QG48KD	0.21	0.12	1.62	0.97	0.34	1.54	0.54	0.09	0.97
QMW82U	0.20	-0.28	0.12	0.93	-0.05	0.10	0.52	-0.29	0.19
TTW7PN	0.15	-1.28	0.58	0.74	-1.93	1.56	0.46	-1.46	0.24
ULCXUJ	0.26	1.25	0.15	1.02	0.84	0.07	0.59	1.19	0.16
V2DUA2	0.19	-0.49	0.06	0.91	-0.25	0.03	0.50	-0.60	0.08
VCX42F	0.00	-4.83X	0.01	0.02	-8.85X	0.00	0.01	-10.18X	0.00
XWVB7P	0.21	0.08	1.03	1.01	0.70	1.14	0.56	0.53	0.97

Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.21	0.93	0.53
Median Abs Dev	0.02	0.06	0.03
Avg Within Lab SD	0.01	0.04	0.02
Labs Included	16	16	16
Labs Reporting	18	18	18



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.02	-0.99	0.00	0.08	-1.66	0.00	0.01	-1.46	0.00
69N3V2	0.01	-1.95	0.77	0.10	-0.72	0.44	0.00	-2.04	
9CQHQT	2.06	148.07X	134.51	4.94	187.85X	39.76	1.16	110.87X	55.34
C9YH39	0.04	0.54	0.30	0.06	-2.45	0.00	0.08	5.36X	0.00
DJFNCH				0.10	-0.95	1.41			
E6BP2Q	0.04	0.54	1.65	0.14	0.71	2.04	0.03	0.40	1.95
FJRZ8R	0.04	0.23	1.04	0.12	-0.23	0.65	0.03	0.16	1.16
LZHQUN	0.04	0.70	1.28	0.13	0.29	0.55	0.03	0.64	1.09
PQXTD7	0.04	0.47	0.00	0.16	1.33	0.65	0.03	0.16	1.16
QG48KD	0.04	0.72	2.76	0.13	0.42	1.73	0.03	0.49	2.01
QMW82U	0.03	-0.06	0.10	0.12	-0.01	0.07	0.03	0.00	0.00
TTW7PN	0.03	-0.49	0.13	0.11	-0.38	0.43	0.02	-0.55	0.37
ULCXUJ	0.03	-0.15	0.09	0.12	0.09	1.76	0.02	-0.33	0.05
V2DUA2	0.03	-0.15	0.04	0.12	0.01	0.00	0.02	-0.06	0.12
VCX42F	0.00	-2.39	0.00	0.00	-4.66X	0.00	0.00	-2.37	0.00
XWVB7P	0.03	0.06	0.44	0.13	0.20	0.45	0.03	0.11	0.29

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.034	0.12	0.025
Median Abs Dev	0.007	0.01	0.004
Avg Within Lab SD	0.006	0.01	0.005
Labs Included	14	14	13
Labs Reporting	15	16	15



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NH4-N (SubTestCode 307) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9CQHQT	0.251		X 75.881	0.255		X 84.150	0.335		X 48.395
E6BP2Q	0.002		0.752	0.001		0.868	0.005		1.441
LZHQUN	0.010		1.853	0.010		1.802	0.014		0.961
QMW82U	0.002		0.000	0.001		0.000	0.007		0.000
V2DUA2	0.003		0.000	0.003		0.000			

NH4-N (SubTestCode 307) in the Cations Property Groups

Data units: mmolc/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.003	0.002	0.007
Median Abs Dev			
Avg Within Lab SD	0.003	0.001	0.004
Labs Included	4	4	3
Labs Reporting	5	5	4



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Sum Cations (SubTestCode 308) in the Cations Property Groups **Data units: mmolc/L**

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.61	-2.47	0.82	6.85	0.00	0.14	0.90	-1.65	0.25
69N3V2	0.81	-0.79	0.34	4.16	-2.92	0.38	1.10	0.00	0.16
E6BP2Q	0.97	0.56	1.69	7.31	0.50	2.11	1.21	0.93	1.96
FJRZ8R	0.91	0.01	0.74	6.78	-0.07	0.34	1.04	-0.46	1.10
LZHQUN	0.91	0.00	0.80	7.33	0.53	0.61	1.18	0.63	0.66
V2DUA2	0.81	-0.77	0.01	6.57	-0.30	0.03	1.02	-0.68	0.06
XWVB7P	0.92	0.12	1.47	7.21	0.40	1.37	1.15	0.37	1.20

Sum Cations (SubTestCode 308) in the Cations Property Groups **Data units: mmolc/L**

	SRW1907	SRW1908	SRW1909
Grand Median	0.91	6.85	1.10
Median Abs Dev	0.07	0.37	0.08
Avg Within Lab SD	0.03	0.21	0.04
Labs Included	7	7	7
Labs Reporting	7	7	7



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SAR (SubTestCode 309) in the Cations Property Groups

Data units:

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9CQHQT	0.35	-0.05	0.10	0.58	0.41	0.16	0.93	-0.26	0.07
CAVVLU	0.40	0.88	0.00	0.53	-1.42	2.31	0.87	-0.65	2.25
FJRZ8R	0.36	0.05	0.20	0.56	-0.41	0.23	1.09	0.75	0.45
V2DUA2	0.35	-0.17	0.04	0.55	-0.84	0.02	1.01	0.26	0.03
VCX42F	0.30	-1.04	0.72	0.58	0.45	0.12	0.89	-0.50	0.59
XWVB7P	0.45	1.86	2.33	0.58	0.52	0.75	1.23	1.63	0.61

SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW1907	SRW1908	SRW1909
Grand Median	0.35	0.57	0.97
Median Abs Dev	0.03	0.01	0.09
Avg Within Lab SD	0.03	0.02	0.07
Labs Included	6	6	6
Labs Reporting	6	6	6



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Adj-SAR (SubTestCode 310) in the Cations Property Groups **Data units:**

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
CAVVLU	0.20		1.00	0.63		1.00	0.47		1.00

Adj-SAR (SubTestCode 310) in the Cations Property Groups **Data units:**

	SRW1907	SRW1908	SRW1909
Grand Median	0.20	0.63	0.47
Median Abs Dev			
Avg Within Lab SD	0.00	0.06	0.06
Labs Included	1	1	1
Labs Reporting	1	1	1



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HCO3 (SubTestCode 311) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.59	-0.96	0.06	4.68	-0.21	0.03	0.70	-0.55	0.07
69N3V2	0.87	1.21	2.73	5.55	1.25	0.55	0.82	0.09	1.17
CAVVLU	0.27	-3.43X	2.19	4.80	0.00	0.00	0.47	-1.77	1.87
E6BP2Q	0.73	0.15	1.00	4.80	0.00	0.03	0.91	0.55	1.92
FJRZ8R	0.70	-0.10	0.00	5.00	0.33		0.80	-0.03	0.00
LZHQUN	0.59	-0.94	0.29	3.69	-1.86	0.15	0.64	-0.89	0.08
PQXTD7	0.93	1.70	0.55	4.22	-0.98	3.08	1.23	2.22	1.23
QG48KD	0.72	0.08	0.29	4.80	-0.01	0.03	0.81	0.00	0.09
ULCXUJ	0.70	-0.08	0.60	5.11	0.51	0.17	0.86	0.27	0.29
V2DUA2	0.65	-0.48	0.00	4.88	0.13	0.00	0.77	-0.19	0.00
XWVB7P	0.85	1.05	0.85	6.08	2.13	0.40	0.97	0.85	0.92

HCO3 (SubTestCode 311) in the Anions Property Groups Data units: mmolc/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.71	4.80	0.81
Median Abs Dev	0.09	0.20	0.11
Avg Within Lab SD	0.05	0.60	0.06
Labs Included	10	11	11
Labs Reporting	11	11	11



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

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
E6BP2Q				0.12		0.72			
LZHQUN				0.12		1.58			
V2DUA2				0.10		0.00			

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

	SRW1907	SRW1908	SRW1909
Grand Median		0.12	
Median Abs Dev			
Avg Within Lab SD	0.00	0.02	0.00
Labs Included	0	3	0
Labs Reporting	0	3	0



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

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.11	-0.35	0.39	0.93	0.00	0.04	0.22	1.71	0.89
69N3V2	0.06	-1.44	0.21	0.99	0.44	0.06	0.12	-0.89	
7GTEK4	0.15	0.48	0.37	0.83	-0.78	0.45	0.16	0.17	0.75
9CQHQT	4.35	97.95X	8.96	38.57	284.98X	4.40	5.44	131.39X	2.09
CAVVLU	0.11	-0.37	2.22	0.98	0.32	0.28	0.15	-0.15	1.21
DJFNCH	0.16	0.67	0.90	1.04	0.80	0.00	0.18	0.75	1.10
E6BP2Q	0.08	-1.02	0.42	1.03	0.70	0.17	0.11	-1.19	0.34
FJRZ8R	0.10	-0.60	0.00	0.93	-0.06	0.11	0.13	-0.57	0.00
LZHQUN	0.16	0.76	0.29	0.88	-0.40	0.63	0.15	0.00	1.98
PQXTD7	0.09	-0.85	1.04	0.40	-4.07	3.74	0.12	-0.88	0.64
QG48KD	0.16	0.87	1.85	0.82	-0.84	0.33	0.19	0.84	0.46
QMW82U	0.10	-0.63	0.19	0.97	0.29	0.00	0.13	-0.55	0.55
TTW7PN				0.99	0.40	0.30	0.12	-0.82	1.37
ULCXUJ	0.15	0.51	0.09	0.92	-0.15	0.02	0.18	0.63	0.58
V2DUA2	0.15	0.56	0.00	1.04	0.78	0.00	0.18	0.77	0.00
VCX42F	0.01	-2.65X	0.18	0.04	-6.80X	0.03	0.01	-3.47X	0.33
XWVB7P	0.14	0.35	1.78	0.92	-0.09	0.30	0.16	0.20	1.68

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

	SRW1907	SRW1908	SRW1909
Grand Median	0.13	0.93	0.15
Median Abs Dev	0.03	0.05	0.03
Avg Within Lab SD	0.02	0.14	0.01
Labs Included	14	15	15
Labs Reporting	16	17	17



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NO3 (SubTestCode 314) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.003	0.000	0.000	0.067	0.013	0.209	0.007	-0.099	0.000
69N3V2	0.000	-0.318		0.067	0.016	1.680	0.008	0.035	3.061
7GTEK4	0.003	0.000	0.115	0.067	0.013	0.753	0.008	0.099	0.345
CAVVLU	0.025	2.517	2.446	0.020	-1.948		0.040	4.820	
E6BP2Q	0.000	-0.327		0.051	-0.648	1.255	0.005	-0.383	0.555
FJRZ8R				0.080	0.573	0.000	0.010	0.348	0.000
LZHQUN				0.064	-0.087	0.000	0.007	-0.078	0.000
PQXTD7	0.009	0.633	0.037	0.018	-2.040	0.036	0.008	0.065	0.060
QG48KD	0.207	23.301X	2.400	0.163	4.073X	5.525	0.067	8.795X	9.122
QMW82U	0.001	-0.206	0.031	0.070	0.160	0.281	0.008	0.000	0.448
TTW7PN	0.019	1.845		0.066	-0.013	2.430			
ULCXUJ	0.297	33.594X	0.029	0.514	18.790X	0.083	0.318	46.281X	1.625
V2DUA2				0.067	0.027	0.000	0.004	-0.547	0.000
VCX42F	0.001	-0.225	0.029	0.005	-2.559	0.093	0.001	-0.945	0.000

NO3 (SubTestCode 314) in the Anions Property Groups Data units: mmolc/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.003	0.066	0.008
Median Abs Dev	0.003	0.003	0.001
Avg Within Lab SD	0.009	0.003	0.002
Labs Included	9	12	11
Labs Reporting	11	14	13



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SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	0.02	-0.46	0.00	0.53	0.50	0.16	0.13	0.88	0.24
69N3V2	0.01	-0.92	0.43	0.51	0.28	0.13	0.12	0.15	0.25
7GTEK4	0.02	0.46	1.36	0.53	0.50	0.74	0.12	0.45	1.60
CAVVLU	0.01	-0.79	1.22	0.49	0.00	0.86	0.11	-0.20	0.92
E6BP2Q	0.03	1.96	1.72	0.51	0.31	0.68	0.13	0.69	1.54
FJRZ8R	0.02	0.53	0.00	0.44	-0.85	0.22	0.11	-0.42	0.00
LZHQUN	0.05	6.21X	7.03	0.55	0.85	1.23	0.12	0.06	1.24
PQXTD7	0.00	-3.41X	0.00	0.03	-6.95X	0.01	0.01	-7.41X	0.00
QG48KD	0.02	-0.13	1.22	0.45	-0.65	0.37	0.11	-0.42	1.60
ULCXUJ				0.27	-3.34	0.10	0.07	-3.41	0.05
V2DUA2	0.02	0.13	0.00	0.49	-0.07	0.02	0.12	-0.06	0.09
XWVB7P				0.49	-0.07	2.74			

SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.017	0.49	0.12
Median Abs Dev	0.003	0.03	0.01
Avg Within Lab SD	0.005	0.03	0.01
Labs Included	8	11	10
Labs Reporting	10	12	11



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW1907			SRW1908			SRW1909			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
34HUBZ	0.72	-1.09	0.14	6.20	-0.40	0.10	1.06	0.04	0.21	
69N3V2	0.95	1.34	2.34	7.12	1.04	1.95	0.99	-0.50	1.75	
CAVVLU	0.35	-5.02X	2.60	6.28	-0.29	0.26	0.74	-2.36	1.24	
E6BP2Q	0.84	0.23	0.86	6.47	0.02	0.33	1.15	0.71	1.59	
FJRZ8R	0.82	0.00	0.00	6.44	-0.02	0.09	1.05	-0.04	0.00	
LZHQUN	0.80	-0.24	0.68	5.31	-1.81	0.19	0.91	-1.06	0.26	
V2DUA2	0.82	-0.02	0.00	6.57	0.18	0.00	1.07	0.14	0.01	
XWVB7P	0.99	1.80	0.55	7.49	1.62	1.99	1.13	0.57	0.87	

Sum Anions (SubTestCode 316) in the Anions Property Groups				Data units: mmolc/L
	SRW1907	SRW1908	SRW1909	
Grand Median	0.82	6.46	1.05	
Median Abs Dev	0.02	0.22	0.07	
Avg Within Lab SD	0.06	0.17	0.07	
Labs Included	7	8	8	
Labs Reporting	8	8	8	



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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups Data units:

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ	-0.11	-0.76	0.53	0.64	0.22	0.20	-0.16	-1.46	0.25
69N3V2	-0.14	-0.97	1.95	-2.96	-2.31	1.11	0.11	0.55	1.40
E6BP2Q	0.13	1.01	1.12	0.83	0.35	2.05	0.07	0.21	2.09
FJRZ8R	0.09	0.68	0.36	0.34	0.00	0.38	0.04	0.00	0.34
LZHQUN	0.11	0.83	0.93	2.02	1.18	0.60	0.26	1.66	0.46
V2DUA2	0.00	0.00	0.01	0.00	-0.24	0.03	-0.06	-0.68	0.03
XWVB7P	-0.07	-0.48	0.81	-0.27	-0.43	1.01	0.01	-0.16	0.56

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups Data units:

	SRW1907	SRW1908	SRW1909
Grand Median	-0.005	0.34	0.037
Median Abs Dev	0.102	0.49	0.075
Avg Within Lab SD	0.070	0.23	0.090
Labs Included	7	7	7
Labs Reporting	7	7	7



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Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
34HUBZ				0.050	0.211	0.000			
7GTEK4	0.010	0.226	0.606	0.048	0.063	2.572	0.009	0.738	1.225
CAVVLU	0.060	3.639	2.407	0.097	3.159	1.598	0.043	9.677X	4.083
E6BP2Q	0.008	0.111	0.352	0.042	-0.314	0.372	0.006	0.000	1.331
FJRZ8R	0.006	0.000	0.368	0.046	-0.063	0.320	0.007	0.217	1.225
LZHQUN				0.030	-1.053	0.000			
PQXTD7	0.005	-0.090	0.722	0.042	-0.282	0.391	0.001	-1.293	0.245
QMW82U	0.002	-0.294	0.241	0.049	0.126	0.576	0.003	-0.911	0.817
TTW7PN	0.200	13.113X	17.341	0.149	6.447X	4.862	0.010	0.998	
ULCXUJ				0.067	1.285	0.277			
V2DUA2	0.001	-0.362	0.000	0.044	-0.190	0.160	0.004	-0.564	0.707

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.006	0.047	0.006
Median Abs Dev	0.003	0.004	0.003
Avg Within Lab SD	0.004	0.004	0.001
Labs Included	7	10	7
Labs Reporting	8	11	8



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PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups Data units: mg/L

WebCode	SRW1907			SRW1908			SRW1909		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
C9YH39	0.014		1.649	0.060		0.393	0.013		0.466
E6BP2Q	0.019		0.216	0.087		0.637	0.029		1.609
QMW82U	0.018		0.483	0.082		1.562	0.024		0.440

PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups Data units: mg/L

	SRW1907	SRW1908	SRW1909
Grand Median	0.018	0.082	0.024
Median Abs Dev			
Avg Within Lab SD	0.001	0.001	0.001
Labs Included	3	3	3
Labs Reporting	3	3	3



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Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups										Data units: mg/L
	SRW1907			SRW1908			SRW1909			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9CQHQT	0.04		1.86	0.09	0.00	0.00	0.02		1.89	
LZHQUN				0.10	0.73					
PQXTD7	0.02		0.70	0.11	1.30	1.43	0.03		0.34	
QMW82U	0.01		0.09	0.09	-0.20	1.26	0.02		0.53	
V2DUA2	0.02		0.16	0.07	-1.15	0.60	0.03		0.19	

Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups										Data units: mg/L
	SRW1907			SRW1908			SRW1909			
Grand Median		0.016			0.09			0.027		
Median Abs Dev					0.01					
Avg Within Lab SD		0.006			0.00			0.006		
Labs Included		4			5			4		
Labs Reporting		4			5			4		



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