

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 2017 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2017 (Cycle 34) was completed in November 2017, with participation by 104 labs from the United States, Canada, Guatemala, South Africa, Italy, Ukraine, Algeria, 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: SRS1711 a Sac silty clay loam collected from O'Brien Cty, IA; SRS1712 a Linneus silt loam collected from Aroostok Cty, ME; SRS1713 a Spreckels loam collected from Sonoma Cty, CA; SRS1714 Typic Haploxeroll collected near Summerland, BC CANADA; and SRS1715 a Nacogdoches gravelly fine sand collected from Nacogdoches Cty, TX. Standard Reference Botanical (SRB) materials were: SRB1709 soybean leaf composite from AR; SRB1710 eucalyptus leaf composite from CA; SRB1711 citrus leaves from CA and SRB1712 potato petiole from WA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1707 a well in CA, SRW1708 water source in CO, and SRW1709 a lake in NE.

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

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

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

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



Key to Data Tables

Laboratory Results

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

Consensus Results

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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	53.3	1.9	0.7	60.7	2.1	1.8	41.5	1.3	0.6	49.9	2.2	1.3	30.0	1.1	0.2	
3UZ3DA	36.2	-0.7	0.7	44.2	-0.4	0.5	30.6	-1.0	1.4	37.1	-0.9	1.8	24.1	-0.9	0.9	
4G8ZB8	40.0	-0.1		45.7	-0.2	0.5	32.7	-0.6	0.6	40.3	-0.1	0.7	26.3	-0.2	0.4	
632WAQ	37.4	-0.5	0.2	43.7	-0.5	0.4	30.6	-1.0	0.1	38.2	-0.6	0.6	24.3	-0.8	0.1	
7VEVHY	47.3	1.0	4.0	67.1	3.1X	5.0	51.7	3.4X	9.4	55.8	3.6X	11.3	42.0	5.2X	4.1	
8MZAAY	41.3	0.1	0.3	47.0	0.0		35.7	0.1	0.6	42.7	0.5	0.7	29.3	0.9	0.4	
97CDBD	49.0	1.3		56.0	1.4		38.0	0.6		47.0	1.5		27.0	0.1		
AVLC43	49.0	1.3	0.7	56.0	1.4	0.4	40.2	1.0	1.7	44.6	0.9	1.6	26.2	-0.2	0.9	
BZXGJ9	43.1	0.4	0.0	49.0	0.3	0.0	35.9	0.1	0.0	40.7	0.0	0.0	24.7	-0.7	0.0	
CAZ2GV	36.3	-0.7	0.3	44.3	-0.4	0.5	33.3	-0.4	0.6	40.0	-0.2	1.2	26.7	-0.1	0.4	
DNU9NV	35.6	-0.8	0.2	44.0	-0.5	0.8	31.1	-0.9	0.2	38.4	-0.6	0.7	28.5	0.6	3.9	
FJX2KD	46.3	0.9	0.0	54.7	1.2	0.0	37.6	0.5	0.0	43.4	0.6	0.0	26.3	-0.2	0.0	
GMU4P6	47.6	1.0	0.1	53.6	1.0	0.6	35.6	0.1	1.3	43.1	0.6	1.3	27.1	0.1	0.1	
HMNAJ4	40.0	-0.1		45.3	-0.3	0.6	32.0	-0.7	0.8	38.0	-0.7	0.8	25.3	-0.5	0.0	
JBLB7N	37.2	-0.5	0.4	41.8	-0.8	0.9	28.6	-1.4	1.1	37.3	-0.8	1.5	34.1	2.5	0.7	
LXCCD8	49.7	1.4	0.9	46.3	-0.1	1.3	34.0	-0.3	1.9	41.0	0.1	1.2	27.3	0.2	0.4	
NYXZNY	39.7	-0.1		48.1	0.2		44.1	1.8		40.8	0.0		31.2	1.5		
U8A62Q	37.8	-0.4	0.1	45.7	-0.2	0.4	32.3	-0.6	0.2	40.6	0.0	0.6	25.8	-0.3	0.2	
UR2WJB	35.4	-0.8	0.6	39.9	-1.1	2.9	29.9	-1.1	2.0	34.6	-1.5	1.1	22.3	-1.5	0.4	
WWJ4UF	40.7	0.0	0.3	51.7	0.7	0.5	35.0	-0.1	1.1	43.3	0.6	0.7	30.0	1.1		
X9XFPP	39.3	-0.2	0.3	47.0	0.0		36.0	0.1		44.3	0.9	0.7	28.7	0.6	0.4	
XEYU96	41.6	0.1	0.2	49.4	0.4	0.4	37.3	0.4	0.2	39.8	-0.2	0.8	26.3	-0.2	0.4	
YRJQQE	49.3	1.3	0.2	56.9	1.5	0.8	39.0	0.8	0.2	46.7	1.4	0.7	28.5	0.6	0.2	



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	40.7	47.0	35.3	40.8	26.8	
Median Abs Dev	4.3	2.9	2.8	2.6	1.7	
Avg Within Lab SD	2.3	1.2	0.9	0.8	1.5	
Labs Included	23	22	22	22	22	
Labs Reporting	23	23	23	23	23	



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pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	7.52	0.48	0.17	7.32	0.51	0.81	6.31	0.73	0.51	6.92	0.57	0.35	5.03	0.08	0.42	
3UZ3DA	7.44	-0.02	1.19	7.05	-0.72	2.05	6.05	-0.23	0.71	6.78	-0.07	0.91	4.83	-1.06	2.02	
4G8ZB8	7.27	-1.03	0.48	6.96	-1.12	1.73	6.25	0.49	1.78	6.59	-0.90	0.71	5.03	0.12	1.41	
7VEVHY	7.52	0.52	2.62	7.44	1.03	0.36	6.07	-0.17	0.25	6.89	0.43	0.64	5.03	0.08	0.42	
8MZA AV	7.37	-0.45	0.70	7.21	0.00	0.59	6.06	-0.21	0.38	6.67	-0.55	0.64	4.96	-0.33	0.12	
97CDBD	7.53	0.56		7.46	1.14		6.25	0.49		6.92	0.57		5.11	0.57		
AVLC43	7.40	-0.24	1.49	7.07	-0.63	1.35	6.20	0.31	0.00	6.60	-0.87	1.77	4.73	-1.65	1.16	
BZXGJ9	7.17	-1.69	0.86	6.90	-1.38	0.00	5.93	-0.68	0.84	6.53	-1.17	2.04	4.60	-2.43	0.00	
CAZ2GV	7.18	-1.58	2.17	6.81	-1.78	2.03	5.90	-0.82	3.26	6.46	-1.48	2.12	4.82	-1.14	2.75	
DNU9NV	7.46	0.13	0.39	7.12	-0.37	0.72	5.85	-1.00	0.44	6.73	-0.27	0.54	4.84	-1.00	0.70	
FJX2KD	6.73	-4.38X	0.00	7.03	-0.79	0.00	5.65	-1.73	0.00	6.34	-2.04	0.00	4.70	-1.85	0.00	
GMU4P6	7.54	0.60	0.37	7.26	0.25	0.49	6.18	0.25	0.36	6.89	0.42	0.37	4.99	-0.14	0.72	
HMNAJ4	7.46	0.10	0.23	7.36	0.67	0.27	6.02	-0.36	1.26	6.96	0.75	0.35	5.15	0.82	0.50	
JBLB7N	7.77	2.06	0.99	7.40	0.85	0.95	6.60	1.78	0.36	7.04	1.12	1.77	5.14	0.75	1.12	
LCWXX2	7.44	0.00	0.10	7.46	1.16	0.11	6.27	0.58	0.04	6.94	0.68	0.02	5.06	0.28	0.05	
LXCCD8	7.57	0.78	0.87	7.34	0.58	0.98	6.53	1.53	0.81	6.71	-0.39	0.44	5.07	0.33	1.06	
NYXZNY	7.30	-0.86		7.00	-0.93		5.90	-0.80		6.50	-1.32		4.90	-0.67		
PKWW77	7.39	-0.29	0.82	7.31	0.45	0.82	6.28	0.62	1.31	6.89	0.45	0.83	5.11	0.55	0.70	
U8A62Q	7.41	-0.20	0.31	7.27	0.27	0.27	6.30	0.68	0.14	6.82	0.10	0.44	5.10	0.53	0.64	
UR2WJB	7.44	0.00	0.15	7.18	-0.12	1.02	6.12	0.00	0.08	6.79	0.00	0.54	4.95	-0.39	0.31	
WWJ4UF	7.61	1.07	0.46	7.20	-0.03	1.31	6.07	-0.17	0.38	6.81	0.06	0.44	5.13	0.69	0.92	
X9XFPP	7.37	-0.43	0.39	7.18	-0.12	0.70	6.08	-0.12	0.96	6.73	-0.28	1.27	5.01	0.00	0.31	
XEYU96	7.72	1.75	0.09	7.34	0.61	0.14	6.59	1.75	0.00	7.02	1.00	0.27	5.00	-0.06	0.31	



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pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	7.44	7.21	6.12	6.79	5.01	
Median Abs Dev	0.08	0.14	0.16	0.13	0.09	
Avg Within Lab SD	0.07	0.04	0.07	0.06	0.05	
Labs Included	22	23	23	23	23	
Labs Reporting	23	23	23	23	23	



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2RW3HH	0.91	0.88	1.38	1.48	-0.14	0.27	0.56	-0.69	0.85	2.27	-0.22	0.25	0.85	0.17	0.45		
3UZ3DA	0.70	-1.28	1.58	1.46	-0.28	1.00	0.62	-0.40	0.75	2.34	0.10	1.21	0.86	0.29	1.06		
4G8ZB8	0.83	0.05	0.66	1.44	-0.43	0.70	0.38	-1.51	0.46	2.34	0.08	0.46	0.84	0.14	0.17		
632WAQ	0.83	0.04	0.14	1.56	0.37	0.84	0.96	1.22	0.34	2.49	0.74	1.06	0.93	1.08	0.68		
7VEVHY	0.87	0.53	1.70	1.32	-1.25	1.59	0.74	0.17	0.92	2.25	-0.32	0.73	0.75	-0.85	0.70		
8MZAAV	0.79	-0.29	0.15	1.55	0.28	0.10	0.69	-0.03	0.17	2.37	0.22	0.43	0.80	-0.37	0.17		
97CDBD	0.84	0.19		1.50	-0.03		0.74	0.19		2.29	-0.13		0.83	-0.01			
AVLC43	0.58	-2.50	0.60	1.10	-2.72	0.37	0.28	-2.02	0.92	1.51	-3.61	0.88	0.65	-1.98	0.80		
BZXGJ9	0.97	1.48	0.80	1.58	0.48	1.06	0.62	-0.37	0.75	2.41	0.39	0.46	0.85	0.25	0.97		
CAZ2GV	0.87	0.49	0.26	1.62	0.74	0.71	0.71	0.03	3.20	2.47	0.68	2.09	0.88	0.54	1.60		
DNU9NV	0.87	0.47	2.31	1.63	0.84	3.26	0.98	1.32	0.76	2.49	0.77	0.14	0.96	1.38	2.72		
FJX2KD	1.20	3.87X	0.00	1.93	2.83X	0.00	0.91	1.00	0.00	3.25	4.16X		1.16	3.61X	0.00		
GMU4P6	0.77	-0.51	0.39	1.52	0.12	0.27	0.71	0.06	0.28	2.29	-0.11	2.28	0.80	-0.36	0.09		
HMNAJ4	0.86	0.34	0.63	1.52	0.12	0.83	0.90	0.96	0.03	2.51	0.87	0.81	0.93	1.08	0.10		
JBLB7N	0.77	-0.49	0.99	1.51	0.05	0.47	0.38	-1.53	1.11	2.32	-0.01	0.29	0.65	-1.94	2.12		
LCWXX2	0.70	-1.22	0.06	1.25	-1.72	0.08	0.48	-1.04	0.05	1.94	-1.67	0.25	0.75	-0.85	0.46		
LXCCD8	0.82	-0.04	0.18	1.51	0.03	0.47	0.75	0.26	0.74	2.40	0.34	0.29	0.81	-0.18	0.18		
NYXZNY	0.90	0.80		1.40	-0.70		0.70	0.00		2.30	-0.08		0.80	-0.33			
PKWW77	0.74	-0.84	1.31	1.43	-0.50	1.67	0.64	-0.29	2.16	2.34	0.11	0.22	0.85	0.21	0.30		
U8A62Q	0.78	-0.43	0.26	1.44	-0.41	0.27	0.49	-1.00	0.00	2.24	-0.35	0.25	0.89	0.65	0.80		
UR2WJB	0.64	-1.82	1.98	1.12	-2.54	0.66	0.55	-0.72	0.30	1.76	-2.48	2.50	0.70	-1.47	0.76		
WWJ4UF	0.77	-0.54	0.24	1.28	-1.52	0.04	0.77	0.33	0.91	1.99	-1.48	0.24	0.76	-0.75	0.68		
X9XFPP	0.86	0.38	0.46	1.58	0.47	0.28	0.80	0.47	0.38	2.32	0.01	0.31	0.83	0.01	0.17		
XEYU96	0.83	0.08	0.45	1.56	0.37	0.30	0.48	-1.05	0.00	2.58	1.17	0.51	0.93	1.05	1.26		
YRJQQE	0.77	-0.49	0.31	1.51	0.06	0.37	0.75	0.21	0.82	2.26	-0.28	0.46	0.81	-0.25	0.14		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	0.82	1.51	0.70	2.32	0.83	
Median Abs Dev	0.05	0.06	0.10	0.07	0.04	
Avg Within Lab SD	0.04	0.06	0.03	0.07	0.03	
Labs Included	24	24	25	24	24	
Labs Reporting	25	25	25	25	25	



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HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	2.47	1.03	1.65	1.67	0.56	1.96	1.67	0.13	2.02	2.93	1.41	1.98	0.47	0.81	1.95	
632WAQ	1.76	-0.03	0.34	1.37	0.01	0.47	1.54	-0.12	0.91	1.89	0.16	0.98	0.26	-0.37	0.87	
7VEVHY	0.93	-1.26	1.78	0.54	-1.56	0.04	0.40	-2.31	0.44	0.58	-1.40	0.82	0.24	-0.45	0.80	
BZXGJ9	1.80	0.03	0.41	0.90	-0.89	1.19	1.80	0.39	0.68	1.08	-0.81	0.70	0.28	-0.25	1.27	
CAZ2GV	2.31	0.80	0.46	1.95	1.09	1.36	1.66	0.12	1.29	1.92	0.20	1.11	0.42	0.57	0.00	
JBLB7N	1.22	-0.83	1.03	1.27	-0.19	0.67	1.07	-1.03	0.77	1.62	-0.16	0.66	0.07	-1.46	0.00	
UR2WJB	2.35	0.85	0.75	1.95	1.10	0.32	1.92	0.60	0.19	2.28	0.63	0.25	0.54	1.25	0.49	
XEYU96	1.40	-0.56	0.00	1.37	-0.01	0.37	1.23	-0.70	0.38	1.23	-0.62	0.49	0.37	0.25	0.97	

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	1.78			1.37			1.60			1.75			0.32			
Median Abs Dev	0.55			0.39			0.26			0.53			0.09			
Avg Within Lab SD	0.19			0.16			0.15			0.12			0.06			
Labs Included	8			8			8			8			8			
Labs Reporting	8			8			8			8			8			



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K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	0.88	0.84	0.96	0.33	-0.13	0.59	0.66	-0.51	0.41	2.28	-0.51	0.36	0.61	-0.19	0.12	
632WAQ	0.80	0.00	0.18	0.36	0.49	0.05	0.92	1.45	1.01	2.69	1.32	0.01	0.68	0.69	0.19	
7VEVHY	0.81	0.11	0.76	0.33	0.00	2.82	0.81	0.62	1.59	2.35	-0.20	1.61	0.61	-0.19	3.80	
8MZA AV	0.83	0.30	0.04	0.38	0.99	0.39	0.83	0.81	0.46	2.61	0.96	0.50	0.68	0.67	0.58	
97CDBD	0.76	-0.36		0.34	0.13		0.72	0.00		2.30	-0.44		0.61	-0.16		
AVLC43	0.63	-1.67	0.41	0.31	-0.46	0.51	0.43	-2.22	0.47	1.93	-2.10	1.48	0.54	-0.90	0.51	
BZXGJ9	1.02	2.25	0.62	0.18	-3.02	1.02	0.68	-0.31	0.78	2.47	0.32	0.06	0.68	0.64	0.40	
CAZ2GV	0.80	0.04	1.28	0.35	0.42	0.68	0.68	-0.34	1.06	2.57	0.79	1.07	0.65	0.24	1.12	
FJX2KD	1.14	3.48X	0.00	0.45	2.26	0.00	1.05	2.43	0.00	3.45	4.78X	0.00	0.86	2.68	0.00	
GMU4P6	0.68	-1.13	0.09	0.31	-0.46	0.00	0.68	-0.36	0.16	2.34	-0.26	0.33	0.57	-0.64	0.23	
HMNAJ4	0.85	0.54	0.31	0.37	0.79	1.18	0.82	0.75	0.41	2.63	1.04	1.50	0.77	1.64	0.00	
LCWXX2	0.87	0.75	3.38	2.75	47.61X	109.73	3.48	20.84X	68.92	2.33	-0.29	2.06	0.60	-0.25	0.14	
PKWW77	0.75	-0.43	0.54	0.35	0.33	2.05	0.74	0.10	2.98	2.48	0.38	1.34	0.66	0.45	0.51	
U8A62Q	0.73	-0.63	0.39	0.33	-0.07	0.00	0.65	-0.56	0.27	2.40	0.00	0.26	0.64	0.15	0.12	
WWJ4UF	0.72	-0.76	0.15	0.32	-0.33	0.30	0.74	0.10	0.31	2.33	-0.32	0.72	0.57	-0.60	0.00	
X9XFPP	0.69	-1.04	0.16	0.31	-0.47	0.09	0.68	-0.32	0.08	2.27	-0.56	0.08	0.56	-0.73	0.08	
XEYU96	0.83	0.34	0.27	0.38	0.85	0.30	0.69	-0.23	0.63	2.81	1.89	0.36	0.73	1.20	0.35	
YRJQQE	0.77	-0.26	0.41	0.32	-0.26	0.00	0.77	0.37	0.68	2.42	0.09	0.74	0.61	-0.15	0.20	

K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	0.80			0.33			0.72			2.40			0.62			
Median Abs Dev	0.05			0.02			0.05			0.10			0.06			
Avg Within Lab SD	0.07			0.02			0.04			0.09			0.05			
Labs Included	17			17			17			17			18			
Labs Reporting	18			18			18			18			18			



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Ca - sp (SubTestCode 106) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	6.0	0.6	1.1	9.8	-0.2	1.3	3.0	-1.0	0.5	11.9	-0.5	0.9	3.1	-0.5	0.6	
3UZ3DA	5.4	-0.1	1.1	11.1	0.6	0.2	4.3	0.0	0.4	14.1	0.6	0.3	3.8	0.9	0.8	
4G8ZB8	5.7	0.2	0.6	10.0	-0.1	0.4	2.6	-1.3	0.0	13.7	0.4	0.3	3.7	0.6	1.5	
632WAQ	5.7	0.3	0.0	11.0	0.6	0.1	6.2	1.5	1.0	14.0	0.6	1.1	3.6	0.6	0.5	
7VEVHY	5.0	-0.5	1.1	8.8	-0.9	1.9	4.3	0.0	1.3	12.0	-0.4	1.3	3.2	-0.3	1.7	
8MZA AV	5.5	0.0	0.1	12.0	1.2	0.8	4.4	0.1	0.4	13.2	0.2	0.6	3.4	0.2	0.8	
97CDBD	5.6	0.1		10.1	0.0		4.5	0.2		12.8	0.0		3.4	0.0		
AVLC43	4.0	-1.6	0.5	8.5	-1.1	0.3	1.6	-2.0	0.3	9.5	-1.7	1.0	2.7	-1.3	0.9	
BZXGJ9	8.4	3.1	1.0	14.6	2.9	1.9	5.6	1.1	1.1	17.6	2.3	0.3	4.4	2.0	2.2	
CAZ2GV	5.5	0.0	2.3	10.9	0.5	0.9	3.4	-0.6	1.1	13.6	0.4	1.3	3.6	0.5	0.6	
FJX2KD	8.6	3.3	0.0	13.8	2.4	0.0	5.9	1.3		20.7	3.9	0.0	5.2	3.4	0.0	
GMU4P6	4.8	-0.7	0.1	9.5	-0.4	0.3	4.1	-0.1	0.1	12.2	-0.3	0.5	3.1	-0.4	0.3	
HMNAJ4	5.5	0.0	0.3	10.3	0.1	0.6	5.1	0.7	0.4	15.4	1.2	1.7	3.6	0.5	0.1	
JBLB7N	5.6	0.1	1.8	11.6	1.0	0.7	2.5	-1.3	1.2	13.6	0.4	0.2	3.2	-0.4	1.0	
LCWXX2	6.2	0.8	1.9	9.4	-0.5	0.7	3.8	-0.4	0.6	12.2	-0.3	2.3	3.2	-0.3	1.6	
N29KUM	5.1	-0.4		10.4	0.2		5.1	0.7		12.8	0.0		3.4	0.0		
PKWW77	4.9	-0.6	1.7	9.8	-0.2	2.4	3.7	-0.4	3.1	13.0	0.1	1.0	3.3	0.0	0.4	
U8A62Q	5.0	-0.5	0.6	9.6	-0.3	0.3	2.8	-1.1	0.1	12.3	-0.3	0.1	3.1	-0.4	0.5	
UR2WJB	4.5	-1.1	0.3	8.6	-1.0	0.3	3.7	-0.5	1.2	11.3	-0.7	0.6	3.0	-0.6	0.6	
WWJ4UF	4.9	-0.5	0.5	9.9	-0.2	0.3	4.4	0.1	0.5	12.4	-0.2	1.9	2.9	-0.8	0.3	
X9XFPP	5.2	-0.3	0.4	10.8	0.5	0.2	4.4	0.1	0.4	12.7	-0.1	0.3	3.2	-0.4	0.3	
XEYU96	5.5	0.1	0.4	11.3	0.8	0.1	3.0	-1.0	0.3	14.7	0.9	0.5	4.0	1.2	1.8	
YRJQQE	5.0	-0.5	0.1	9.9	-0.1	1.7	4.3	0.0	0.7	12.9	0.0	0.4	3.2	-0.3	0.3	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	5.47	10.1	4.26	12.9	3.34	
Median Abs Dev	0.47	0.7	0.82	0.8	0.25	
Avg Within Lab SD	0.27	0.4	0.18	0.5	0.14	
Labs Included	23	23	23	23	23	
Labs Reporting	23	23	23	23	23	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	1.69	1.31	1.63	2.84	-0.08	1.40	0.93	-0.66	1.47	5.49	-0.42	0.53	1.83	-0.01	1.16	
3UZ3DA	1.49	0.49	0.15	3.08	0.55	0.06	1.24	0.23	2.42	6.64	0.89	0.18	2.12	0.97	0.39	
4G8ZB8	1.60	0.95	1.48	2.87	0.00	0.60	0.87	-0.83	1.00	6.10	0.28	1.03	1.97	0.44	1.41	
632WAQ	1.33	-0.19	0.12	2.88	0.03	0.34	1.53	1.02	0.96	6.22	0.42	0.64	2.01	0.58	0.13	
7VEVHY	1.39	0.06	1.24	2.52	-0.91	2.56	1.26	0.27	1.44	5.47	-0.43	1.36	1.79	-0.17	1.24	
8MZA AV	1.45	0.31	0.39	3.12	0.67	0.77	1.26	0.28	0.46	5.88	0.03	0.44	1.99	0.51	1.68	
97CDBD	1.42	0.20		3.03	0.43		1.31	0.42		5.84	-0.02		1.91	0.25		
AVLC43	1.15	-0.91	2.15	2.37	-1.30	0.84	0.52	-1.80	0.62	4.01	-2.10	1.20	1.46	-1.27	1.52	
BZXGJ9	1.71	1.41	1.56	2.83	-0.11	1.71	1.23	0.20	0.61	6.35	0.57	0.17	2.13	0.98	2.01	
CAZ2GV	1.36	-0.03	1.93	2.79	-0.19	0.58	0.94	-0.62	0.73	5.86	0.00	0.91	1.91	0.24	1.46	
FJX2KD	2.23	3.56	0.00	3.78	2.41	0.00	1.61	1.25	0.00	8.79	3.34	0.00	2.74	3.07	0.00	
GMU4P6	1.18	-0.78	0.09	2.72	-0.39	0.06	1.15	-0.02	0.10	5.76	-0.11	0.35	1.65	-0.63	0.24	
HMNAJ4	1.61	1.01	0.23	3.07	0.54	0.60	1.78	1.73	0.50	6.69	0.95	1.67	2.20	1.23	0.24	
JBLB7N	1.37	0.00	0.26	3.26	1.04	0.91	0.84	-0.89	1.02	6.58	0.82	1.33	1.66	-0.58	0.91	
LCWXX2	1.37	-0.02	0.51	2.96	0.23	1.53	1.65	1.37	0.18	5.51	-0.39	2.61	1.65	-0.63	0.08	
N29KUM	1.47	0.41		3.07	0.53		1.49	0.92		5.91	0.06		1.88	0.15		
PKWW77	1.20	-0.70	1.28	2.46	-1.07	1.44	1.00	-0.44	2.16	5.33	-0.60	1.29	1.78	-0.18	0.39	
U8A62Q	1.19	-0.74	0.62	2.51	-0.95	0.32	0.72	-1.24	0.17	5.26	-0.67	0.09	1.73	-0.36	0.32	
UR2WJB	1.20	-0.70	0.69	2.33	-1.42	0.96	1.04	-0.33	0.80	5.04	-0.92	0.76	1.67	-0.57	0.63	
WWJ4UF	1.16	-0.89	0.31	2.54	-0.86	0.52	1.11	-0.14	0.55	5.37	-0.56	0.14	1.56	-0.93	0.19	
X9XFPP	1.29	-0.34	0.61	2.75	-0.31	0.08	1.16	0.00	0.45	5.33	-0.60	0.26	1.69	-0.48	0.26	
XEYU96	1.41	0.15	0.45	3.16	0.78	0.53	0.87	-0.83	0.10	6.65	0.90	0.75	2.21	1.28	1.65	
YRJQQE	1.29	-0.34	0.26	3.14	0.71	0.47	1.18	0.04	0.61	6.23	0.42	0.69	1.84	0.00	0.43	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	1.37	2.87	1.16	5.86	1.84	
Median Abs Dev	0.12	0.21	0.22	0.49	0.17	
Avg Within Lab SD	0.07	0.10	0.06	0.17	0.08	
Labs Included	23	23	23	23	23	
Labs Reporting	23	23	23	23	23	



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Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH							0.42	-0.53	0.27	0.58	-0.69	0.27	0.51	-0.57	0.36	
3UZ3DA	0.13	-0.39	0.33	0.18	-0.51	0.18	0.56	0.40	0.55	0.71	0.29	0.28	0.59	0.15	0.30	
4G8ZB8	0.27	1.11	0.76	0.23	0.23	0.40	0.40	-0.68	0.00	0.60	-0.52	0.00	0.57	-0.03	0.82	
632WAQ	0.12	-0.45	0.22	0.20	-0.30	0.19	0.60	0.64	0.32	0.82	1.08	1.43	0.65	0.72	0.15	
7VEVHY	0.16	0.00	2.80	0.22	0.09	0.77	0.62	0.78	0.38	0.78	0.81	3.61	0.71	1.29	1.71	
8MZAAV	0.09	-0.75	0.10	0.51	4.03	3.98	0.51	0.07	0.06	0.67	-0.02	0.22	0.56	-0.13	0.36	
97CDBD				0.23	0.13		0.50	-0.05		0.65	-0.14		0.55	-0.16		
AVLC43	0.16	-0.04	0.57	0.22	0.00	0.20	0.40	-0.68	0.17	0.56	-0.81	0.30	0.52	-0.48	0.54	
BZXGJ9	0.23	0.75	0.38	0.21	-0.05	0.08	0.51	0.05	0.45	0.71	0.26	0.73	0.58	0.12	0.64	
CAZ2GV	0.11	-0.61	0.33	0.18	-0.49	0.16	0.47	-0.22	0.48	0.65	-0.14	0.30	0.65	0.75	0.56	
FJX2KD	0.37	2.24	0.00	0.39	2.35	0.00	0.94	2.89	0.00	1.37	5.06	0.00	0.92	3.12	0.00	
GMU4P6				0.28	0.93	0.04	0.56	0.40	0.05	0.67	0.01	0.10	0.50	-0.62	0.14	
HMNAJ4							0.55	0.33	0.13	0.71	0.30	0.57	0.61	0.36	0.25	
JBLB7N	0.18	0.18	0.68	0.20	-0.24	0.06	0.43	-0.48	0.41	0.73	0.40	0.17	0.42	-1.30	0.31	
LCWXX2	0.17	0.06	0.08	0.23	0.25	0.06	0.45	-0.37	0.20	0.61	-0.42	0.72	0.57	0.03	0.37	
N29KUM	0.31	1.57		0.22	0.05		0.71	1.38		0.67	-0.01		0.58	0.09		
PKWW77	8.71	91.63X	3.89	10.70	145.68X	7.07	13.26	84.73X	10.67	17.69	123.34X	12.22	4.71	37.28X	5.48	
U8A62Q	0.06	-1.11	0.00	0.11	-1.44	0.04	0.38	-0.84	0.05	0.58	-0.69	0.10	0.49	-0.68	0.08	
UR2WJB	0.19	0.29	2.27	0.17	-0.60	0.52	0.40	-0.66	0.20	0.52	-1.10	0.00	0.46	-0.95	0.41	
WWJ4UF	0.25	0.89	0.92	0.22	0.09	0.08	0.92	2.79	4.26	0.84	1.25	1.66	0.75	1.65	3.78	
X9XFPP	0.15	-0.10	0.58	0.21	-0.10	0.10	0.52	0.09	0.66	0.67	0.01	0.49	0.51	-0.57	0.04	
XEYU96	0.08	-0.93	0.15	0.15	-0.93	0.00	0.44	-0.42	0.09	0.76	0.67	0.27	0.65	0.69	0.50	
YRJQQE							0.49	-0.09	0.17	0.65	-0.18	0.20	0.53	-0.36	0.14	



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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	0.16	0.22	0.50	0.67	0.57	
Median Abs Dev	0.06	0.02	0.07	0.06	0.06	
Avg Within Lab SD	0.08	0.14	0.11	0.06	0.07	
Labs Included	17	19	22	22	22	
Labs Reporting	18	20	23	23	23	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH							0.303	-0.072	0.194	0.197	-0.672	0.256	0.323	-0.421	0.301	
4G8ZB8	0.167	1.414	1.430	0.100	0.541	0.000	0.300	-0.121	0.000	0.200	-0.576	0.000	0.333	-0.263	1.139	
632WAQ	0.065	-0.700	0.222	0.074	-0.517	0.716	0.305	-0.054	0.181	0.258	1.099	1.316	0.387	0.581	0.180	
7VEVHY	0.090	-0.179	2.882	0.095	0.337	3.438	0.372	0.924	0.392	0.265	1.309	3.186	0.452	1.609	1.221	
8MZA AV	0.050	-1.009	0.000	0.060	-1.083	0.000	0.307	-0.024	0.073	0.217	-0.096	0.256	0.340	-0.158	0.197	
97CDBD							0.290	-0.266		0.220	0.000		0.340	-0.158		
AVLC43	0.100	0.030	0.655	0.097	0.406	0.798	0.383	1.087	0.264	0.220	0.000	0.000	0.360	0.158	0.522	
BZXGJ9	0.103	0.099	0.286	0.070	-0.677	0.000	0.277	-0.459	0.366	0.203	-0.480	0.513	0.327	-0.368	0.301	
CAZ2GV	0.057	-0.870	0.378	0.070	-0.677	0.691	0.330	0.314	0.888	0.210	-0.288	0.000	0.393	0.684	0.301	
FJX2KD	0.160	1.276	0.000	0.130	1.759	0.000	0.485	2.560	0.000	0.356	3.915	0.000	0.461	1.752	0.000	
GMU4P6				0.113	1.083	0.399	0.350	0.604	0.000	0.223	0.096	0.256	0.323	-0.421	0.114	
HMNAJ4							0.300	-0.121	0.000	0.213	-0.192	0.256	0.360	0.158	0.197	
JBLB7N	0.097	-0.030	0.784	0.073	-0.549	0.263	0.332	0.343	0.514	0.229	0.252	0.201	0.274	-1.202	0.256	
N29KUM	0.170	1.483		0.100	0.541		0.390	1.183		0.220	0.000		0.360	0.158		
U8A62Q	0.100	0.030	0.000	0.100	0.541	0.000	0.283	-0.362	0.073	0.197	-0.672	0.256	0.320	-0.473	0.000	
WWJ4UF	0.140	0.860	0.991	0.087	0.000	0.399	0.550	3.502	3.769	0.283	1.823	1.850	0.503	2.420	3.531	
X9XFPP	0.083	-0.316	0.572	0.083	-0.135	0.399	0.310	0.024	0.553	0.223	0.096	0.256	0.327	-0.368	0.114	
XEYU96	0.043	-1.147	0.143	0.055	-1.272	0.040	0.300	-0.121	0.000	0.200	-0.576	0.000	0.400	0.789	0.000	

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Grand Median	0.10			0.087			0.31			0.22			0.35		
Median Abs Dev	0.04			0.013			0.02			0.01			0.03			
Avg Within Lab SD	0.04			0.014			0.08			0.02			0.05			
Labs Included	14			15			18			18			18			
Labs Reporting	14			15			18			18			18			



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Cl - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2RW3HH							0.64	0.24	1.74						
3UZ3DA	0.21	0.33	0.38	0.32	0.00	0.88	0.54	-0.46	1.13	0.40	-0.27	0.78	0.37	-0.43	0.75
4G8ZB8	0.20	0.24	0.66	0.36	0.28	1.32	0.67	0.40	1.78	0.45	0.10	0.22	0.48	0.32	0.57
632WAQ	0.14	-0.16	0.23	0.29	-0.30	0.38	0.55	-0.39	0.55	0.43	-0.04	1.58	0.38	-0.35	0.46
7VEVHY	0.61	2.86	3.63	0.57	2.05	2.19	0.85	1.71	2.20	0.73	2.15	1.81	0.67	1.61	3.15
8MZA AV	0.11	-0.31	0.30	0.32	-0.06	1.37	0.55	-0.44	0.42	0.46	0.16	1.59	0.34	-0.63	0.05
97CDBD	0.15	-0.07		0.40	0.61		0.76	1.02		0.52	0.62		0.45	0.12	
BZXGJ9	0.23	0.45	0.74	0.40	0.62	0.71	0.82	1.47	0.87	0.54	0.80	0.44	0.42	-0.11	1.27
CAZ2GV	0.11	-0.32	0.27	0.31	-0.12	1.18	0.56	-0.34	0.60	0.36	-0.51	0.16	0.43	0.00	1.09
GMU4P6	0.15	-0.09	0.06	0.28	-0.37	0.00	0.61	0.00	0.33	0.39	-0.32	0.19	0.36	-0.52	0.39
HMNAJ4	0.81	4.09	0.32	0.62	2.52		0.72	0.80	0.23	0.73	2.16		0.82	2.63	0.00
JBLB7N	0.29	0.82	1.68	0.32	0.00	0.55	0.55	-0.44	0.59	0.44	0.04	0.92	0.33	-0.68	1.35
LCWXX2	0.18	0.12	0.36	0.38	0.45	0.82	0.48	-0.88	0.90	0.42	-0.07	0.71	0.44	0.07	1.07
LXCCD8	0.13	-0.23	0.26	0.28	-0.38	0.70	0.57	-0.29	0.49	0.40	-0.27	0.58	0.34	-0.65	0.43
MBDBYJ	0.17	0.05	0.33	0.35	0.22	1.31	0.68	0.52	0.78	0.41	-0.16	1.15	0.49	0.36	0.62
NYXZNY	0.65	3.08		0.65	2.77		0.75	0.98		0.80	2.67		0.70	1.81	
PKWW77	0.15	-0.05	0.28	0.32	-0.03	1.07	0.58	-0.23	0.90	0.43	0.00	0.95	0.44	0.07	0.59
U8A62Q	0.14	-0.13	0.32	0.32	-0.03	0.62	0.63	0.15	0.00	0.41	-0.15	0.39	0.44	0.02	0.82
UR2WJB	0.09	-0.47	0.84	0.12	-1.73	0.40	0.22	-2.73	0.57	0.32	-0.82	0.33	0.14	-1.97	0.16
WWJ4UF	0.16	-0.03	0.11	0.38	0.51	1.19	0.58	-0.18	1.32	0.60	1.21	1.96	0.36	-0.50	0.49
X9XFPP	0.16	0.00	0.51	0.29	-0.29	0.04	0.60	-0.08	0.80	0.36	-0.52	0.29	0.38	-0.34	0.08
XEYU96	0.20	0.26	0.28	0.42	0.82	0.70	0.79	1.24	0.23	0.59	1.14	0.82	0.58	0.98	0.43
YRJQQE							0.69	0.54	1.17						



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	0.16	0.32	0.61	0.43	0.43	
Median Abs Dev	0.04	0.04	0.06	0.04	0.06	
Avg Within Lab SD	0.05	0.04	0.05	0.05	0.04	
Labs Included	21	21	23	21	21	
Labs Reporting	21	21	23	21	21	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	0.56	-0.26	0.63	0.52	-1.29	0.85	0.69	-1.39	1.72	0.79	-1.39	0.61	0.29	0.00	1.44	
3UZ3DA	0.68	1.51	0.67	0.75	2.10	1.02	0.91	0.51	0.25	1.17	1.11	0.76	0.30	0.17	0.80	
4G8ZB8	0.58	-0.02	0.57	0.61	0.05	0.80	0.97	1.07	0.50	0.98	-0.16	0.53	0.31	0.34	1.20	
632WAQ	0.65	0.99	0.11	0.65	0.64	0.02	0.99	1.22	0.61	1.09	0.57	0.05	0.29	0.08	0.02	
7VEVHY	0.93	5.12X	1.24	0.91	4.42X	6.38	0.88	0.26	1.45	1.54	3.52X	8.38	0.51	3.70X	6.35	
8MZA AV	0.64	0.84	0.51	0.64	0.42	0.24	0.91	0.51	0.58	1.18	1.15	2.68	0.33	0.60	0.48	
97CDBD	0.52	-0.80					0.80	-0.45		0.98	-0.17		0.26	-0.50		
BZXGJ9	0.95	5.41X	1.96	0.64	0.50	0.74	1.38	4.61X	0.24	1.07	0.43	0.70	0.31	0.34	0.80	
CAZ2GV	0.63	0.76	1.27	0.61	0.05	0.21	0.85	0.01	0.29	1.00	0.00	0.88	0.39	1.71	1.16	
GMU4P6	0.58	0.02	0.18	0.60	-0.15	0.36	0.85	-0.03	0.50	0.90	-0.67	0.31	0.20	-1.51	0.40	
HMNAJ4	0.57	-0.12	0.18	0.58	-0.40	0.53	0.85	0.00	0.24	1.07	0.43	0.92	0.28	-0.17	0.69	
JBLB7N	0.64	0.84	1.01	0.67	0.88	0.80	1.00	1.29	0.76	1.09	0.54	1.40	0.27	-0.35	1.10	
MBDBYJ	0.59	0.20	1.02	0.56	-0.70	0.37	0.75	-0.89	1.32	0.86	-0.98	0.93	0.34	0.88	2.07	
PKWW77	0.54	-0.50	0.37	0.67	0.84	1.37	0.81	-0.38	2.72	1.06	0.36	1.40	0.29	0.06	1.01	
U8A62Q	0.45	-1.85	0.18	0.48	-1.94	0.21	0.67	-1.57	0.24	0.74	-1.72	0.95	0.18	-1.79	0.23	
UR2WJB	0.62	0.55	3.25	0.57	-0.60	3.30	0.72	-1.16	0.28	0.84	-1.10	0.46	0.21	-1.34	0.00	
WWJ4UF	0.68	1.47	0.63	0.64	0.45	0.42	0.87	0.15	0.99	1.06	0.34	1.18	0.34	0.90	1.40	
X9XFPP	0.57	-0.19	0.40	0.59	-0.29	0.12	0.73	-1.08	0.68	0.78	-1.48	0.26	0.25	-0.63	0.59	
XEYU96	0.57	-0.17	0.27	0.56	-0.79	0.12	0.87	0.17	0.41	0.97	-0.21	0.12	0.23	-1.01	0.40	
YRJQQE	0.51	-1.03	0.67	0.61	-0.05	0.85	0.77	-0.67	0.28	1.01	0.01	0.12	0.26	-0.45	1.40	

SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	0.58			0.61			0.85			1.00			0.29			
Median Abs Dev	0.05			0.04			0.06			0.08			0.03			
Avg Within Lab SD	0.06			0.05			0.04			0.05			0.03			
Labs Included	18			18			19			19			19			
Labs Reporting	20			19			20			20			20			



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	5.0	0.0	2.0	9.8	-1.0	0.1	0.3	-1.8	0.2	18.3	0.0	0.1	6.4	0.1	0.5	
632WAQ	4.8	-0.2	0.2	11.7	0.1	0.4	5.5	1.0	0.9	18.5	0.0	0.1	6.3	0.0	0.3	
7VEVHY	4.7	-0.4	1.7	9.1	-1.4	2.4	4.0	0.2	1.8	15.0	-0.7	0.8	4.8	-0.8	1.5	
8MZA AV	5.7	0.9	0.2	13.6	1.3	0.2	3.6	0.0	0.3	12.0	-1.4	0.2	13.8	4.1	0.1	
97CDBD	5.2	0.3		10.5	-0.6		2.9	-0.4		17.3	-0.2		6.2	0.0		
BZXGJ9	2.4	-3.3	1.8	13.8	1.4	1.4	1.0	-1.4	0.1	2.2	-3.4	0.5	2.7	-1.9	2.8	
CAZ2GV	5.0	0.1	0.7	11.1	-0.2	0.3	2.1	-0.8	1.5	18.5	0.0	0.3	6.1	-0.1	0.4	
GMU4P6	4.9	-0.1	0.2	11.3	-0.1	0.3	4.0	0.2	0.3	21.8	0.7	0.0	5.9	-0.2	0.3	
HMNAJ4	4.5	-0.6	0.1	11.7	0.1	0.4	3.6	0.0	0.1	21.6	0.7	0.3	6.5	0.1	0.0	
LCWXX2	5.0	0.0	1.0	11.1	-0.2	0.8	3.3	-0.2	0.3	21.3	0.6	0.5	6.9	0.3	0.9	
U8A62Q	4.1	-1.1	0.2	9.5	-1.2	0.4	0.1	-1.9	0.1	17.1	-0.3	0.4	6.2	0.0	0.4	
UR2WJB	5.9	1.1	0.9	12.8	0.8	0.6	4.5	0.5	1.9	16.9	-0.3	0.3	9.0	1.5	1.2	
WWJ4UF	5.4	0.5	0.5	12.2	0.4	1.8	5.0	0.7	1.5	23.1	1.0	3.4	6.0	-0.1	0.2	
X9XFPP	5.6	0.8	0.5	12.4	0.6	0.6	4.5	0.5	0.3	18.8	0.1	0.1	6.4	0.1	0.2	

NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	4.98			11.5			3.61			18.4			6.27			
Median Abs Dev	0.34			1.0			0.89			2.2			0.26			
Avg Within Lab SD	0.21			0.6			0.24			1.9			0.32			
Labs Included	14			14			14			14			14			
Labs Reporting	14			14			14			14			14			



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B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2RW3HH							0.320	0.557	2.202								
3UZ3DA	0.054	-0.060	0.181	0.044	-0.409	0.147	0.253	-0.535	1.080	0.130	-0.844	1.331	0.067	-0.060	0.773		
4G8ZB8	0.107	1.206	0.197	0.073	0.910	0.160	0.337	0.830	1.199	0.193	0.515	1.536	0.107	1.360	0.405		
632WAQ	0.054	-0.072	0.222	0.050	-0.162	0.125	0.286	0.000	0.934	0.151	-0.404	0.998	0.077	0.289	0.701		
7VEVHY	0.077	0.485	0.711	0.057	0.160	0.424	0.247	-0.645	0.793	0.143	-0.558	0.768	0.077	0.277	0.405		
BZXGJ9	0.093	0.885	0.522	0.063	0.460	0.424	0.413	2.087	0.300	0.180	0.229	0.000	0.107	1.360	0.405		
CAZ2GV	0.048	-0.214	0.016	0.050	-0.160	0.130	0.299	0.206	0.044	0.186	0.360	1.397	0.075	0.224	0.248		
GMU4P6							0.260	-0.426									
LCWXX2	0.163	2.557	3.071	0.091	1.720	3.227	0.269	-0.279	1.466	0.234	1.385	1.296	0.066	-0.115	3.129		
NYXZNY	0.130	1.766		0.110	2.559		0.410	2.032		0.270	2.159		0.130	2.202			
PKWW77	0.043	-0.316	0.197	0.043	-0.439	0.160	0.233	-0.863	1.080	0.147	-0.486	0.768	0.067	-0.084	0.405		
UR2WJB	0.053	-0.076	0.789	0.047	-0.289	0.321	0.240	-0.754	0.519	0.133	-0.772	0.768	0.057	-0.445	0.405		
WWJ4UF							0.254	-0.521	0.549	0.121	-1.043	1.046	0.013	-2.027	0.005		
X9XFPP	0.059	0.060	0.068	0.058	0.235	0.143	0.295	0.153	0.256	0.169	0.000	0.615	0.069	0.000	0.491		
XEYU96	0.040	-0.397	0.000	0.040	-0.589	0.000	0.300	0.229	0.000	0.170	0.014	0.000	0.060	-0.325	0.000		

B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Grand Median	0.057			0.053			0.29			0.17			0.069			
Median Abs Dev	0.015			0.009			0.03			0.02			0.008				
Avg Within Lab SD	0.029			0.036			0.02			0.01			0.014				
Labs Included	12			12			15			13			13				
Labs Reporting	12			12			15			13			13				



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups															Data units: dS/m		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3GRCDM	0.47	0.41	2.81	0.36	-0.66	1.33	0.16	-0.46	0.54	0.60	-0.23	1.01	0.14	-0.93	2.09		
667R8V	0.43	0.04	0.35	0.34	-0.81	0.56	0.14	-0.83	0.27	0.49	-0.72	1.22	0.21	0.08	0.36		
7VEVHY	0.51	0.76	0.71	0.43	-0.16	1.24	0.23	0.41	0.26	0.60	-0.21	0.26	0.22	0.21	2.30		
8MZA AV	0.25	-1.68	0.21	0.55	0.75	0.28	0.23	0.41	0.26	0.70	0.28	0.26	0.22	0.21	0.64		
AV7VBU	0.17	-2.38		0.27	-1.35		0.14	-0.76		0.38	-1.28		0.14	-1.00			
BWWDR L	0.48	0.45	0.64	0.50	0.36	0.65	0.19	-0.05	0.32	0.78	0.68	1.03	0.23	0.36	0.41		
BZXGJ9	0.43	0.05	2.06	0.47	0.14	2.83	0.20	0.05	4.54	0.67	0.12	1.51	0.20	-0.05	0.00		
C94NU3	0.35	-0.72	0.62	0.63	1.36	0.57	0.33	1.80	0.45	0.96	1.57	1.78	0.24	0.58	0.00		
CAZ2GV	0.39	-0.38	0.21	0.81	2.77	0.75	0.26	0.90	0.26	1.06	2.04	0.52	0.26	0.84	0.64		
G4Z9CG	0.41	-0.16	0.00	0.49	0.32	0.00	0.12	-1.03	0.00	0.75	0.53		0.22	0.26	0.00		
GK293W	0.51	0.73	1.15	0.45	0.01	1.19	0.21	0.24	1.16	0.69	0.22	0.44	0.22	0.19	1.33		
HAKLTV	0.55	1.15	0.27	0.52	0.53	0.20	0.21	0.16	0.33	0.74	0.47	0.20	0.21	0.08	1.27		
HLE8VJ	0.41	-0.19	0.41	0.51	0.44	0.57	0.26	0.86	0.00	0.77	0.63	0.26	0.19	-0.16	0.64		
JBLB7N	0.53	0.96	0.25	0.45	-0.01	1.01	0.12	-1.09	0.30	0.62	-0.12	0.61	0.12	-1.30	1.43		
JZRX9C	0.36	-0.64	0.21	0.46	0.08	0.10	0.13	-0.89	0.03	0.74	0.45	0.33	0.24	0.64	0.32		
N29KUM	0.44	0.11	0.62	0.44	-0.06	0.49	0.23	0.45	0.79	0.68	0.17	0.54	0.21	0.05	0.64		
QN8YGM	0.31	-1.06	0.21	0.32	-0.97	0.00	0.12	-1.07	0.26	0.49	-0.74	0.00	0.12	-1.26	0.64		
QPMFD2	0.42	-0.04	1.49	0.51	0.50	1.24	0.12	-0.98	0.26	0.78	0.67	2.32	0.16	-0.74	1.28		
QUFERW	0.20	-2.11	0.00	0.30	-1.13	0.00	0.10	-1.30	0.00	0.47	-0.86	1.51	0.10	-1.63	0.00		
RR42LF	0.44	0.08	0.00	0.50	0.38	0.27	0.26	0.80	0.25	0.72	0.37	0.00	0.20	-0.10	0.62		
TEVJP7	7.98	69.89X		7.94	56.93X		7.40	97.05X		5.21	22.34X		6.40	97.76X			
TJQDKL	0.51	0.75	0.09	0.48	0.24	0.87	0.28	1.11	0.34	0.61	-0.14	0.13	0.24	0.53	0.23		
UR2WJB	0.36	-0.66	0.21	0.40	-0.34	1.02	0.18	-0.18	0.26	0.57	-0.34	0.66	0.16	-0.74	0.64		
UVZB72	0.44	0.11	0.36	0.39	-0.47	0.28	0.14	-0.76	0.00	0.56	-0.38	0.40	0.14	-1.05	0.64		
WGDABY	0.41	-0.13	2.38	0.50	0.42	1.72	0.24	0.63	0.26	0.87	1.13	2.82	0.25	0.68	0.64		
WWJ4UF	0.51	0.78	1.19	0.36	-0.68	0.39	0.21	0.12	0.60	0.53	-0.53	0.64	0.13	-1.23	1.08		



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
X9XFPP	0.39	-0.35	0.29	0.79	2.62	0.21	0.25	0.66	1.91	1.05	1.98	0.13	0.24	0.60	0.06	
XFC7BF	0.31	-1.13	1.78	0.32	-0.98	2.35	0.14	-0.72	0.90	0.48	-0.78	0.80	0.15	-0.84	2.37	
YPCE8R	0.45	0.18	0.21	0.39	-0.44	0.00	0.20	0.05	0.00	0.61	-0.17	0.15	0.25	0.74		
YX9DHD	0.52	0.85	0.71	0.43	-0.14	0.85	0.18	-0.18	0.26	0.49	-0.74	0.45	0.11	-1.53	0.64	
ZF42QN	0.30	-1.18	0.00	0.30	-1.13	0.00	0.10	-1.30	0.00	0.30	-1.67	0.00	0.10	-1.63	0.00	

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Grand Median	0.43			0.45			0.20			0.64			0.20		
Median Abs Dev	0.07			0.06			0.05			0.11			0.04			
Avg Within Lab SD	0.03			0.02			0.02			0.04			0.01			
Labs Included	30			30			30			30			30			
Labs Reporting	31			31			31			31			31			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	0.31	0.86	0.64	0.51	0.98	0.85	0.18	1.12	0.69	0.64	0.80	0.77	0.15	0.76	0.80	
87YML3	0.32	0.89	4.03	0.49	0.80	0.70	0.12	-0.10	0.92	0.60	0.50	0.77	0.16	1.04	2.29	
8MZAAV	0.17	-0.77	0.32	0.39	0.03	0.40	0.11	-0.38	0.53	0.47	-0.34	2.13	0.11	-0.61	0.66	
97CDBD	0.17	-0.77	1.14	0.20	-1.52	0.93	0.13	0.03	2.50	0.30	-1.50	1.63	0.07	-1.71	1.84	
97NAFH	0.26	0.25	0.20	0.49	0.82	0.11	0.14	0.24	0.24	0.60	0.55	0.03	0.14	0.33	0.21	
AW39XM	0.29	0.58	0.00	0.36	-0.20	1.45	0.17	1.02	0.53	0.53	0.05	0.00	0.13	0.11	0.00	
BWY4VJ	0.29	0.54	0.64	0.36	-0.20	1.45	0.12	-0.03	0.53	0.57	0.32	1.21	0.18	1.76	0.66	
CAZ2GV	0.24	0.00	0.00	0.45	0.49	1.20	0.14	0.39	0.53	0.55	0.18	0.00	0.13	0.01	0.66	
CWVXUF	0.25	0.12	0.56	0.47	0.64	1.84	0.21	1.80	0.92	0.56	0.27	3.01	0.14	0.32	2.38	
EL427J	0.22	-0.27	0.85	0.26	-1.05	1.06	0.11	-0.31	0.00	0.37	-1.06	0.51	0.12	-0.09	0.66	
HEFFNB	0.24	0.00	0.00	0.32	-0.52	1.45	0.17	0.88	1.40	0.48	-0.29	0.58	0.16	1.04	1.15	
HMNAJ4	0.21	-0.32	0.17	0.42	0.27	0.26	0.18	1.12	0.23	0.49	-0.21	1.09	0.13	0.00	0.24	
J4NJZF	0.11	-1.55	0.18	0.30	-0.74	1.23	0.07	-1.15	0.64	0.17	-2.43	1.04	0.05	-2.28	0.33	
JBLB7N	0.38	1.58	0.94	0.29	-0.80	0.80	0.08	-0.91	0.74	0.36	-1.12	0.22	0.08	-1.39	1.18	
JC7UDF	0.21	-0.34	0.00	0.43	0.32	0.00	0.15	0.48	0.00	0.56	0.27	0.00	0.13	0.06	0.00	
JYX9QG	0.52	3.18X	1.02	0.86	3.76X	0.52	0.36	4.94X	0.65	1.07	3.70X	0.03	0.27	4.49X	0.11	
KCY8CT	0.21	-0.35	0.21	0.42	0.27	0.30	0.09	-0.65	0.39	0.54	0.13	0.08	0.12	-0.15	0.54	
KFYB4F	0.28	0.42	0.91	0.25	-1.11	1.47	0.10	-0.48	0.77	0.35	-1.19	1.01	0.12	-0.24	1.32	
PBAKML	0.22	-0.26	0.05	0.38	-0.03	0.42	0.10	-0.57	0.19	0.51	-0.08	0.23	0.12	-0.06	0.39	
R2TT88	0.18	-0.66	0.34	0.35	-0.33	0.77	0.12	-0.11	0.14	0.52	-0.05	0.97	0.13	-0.02	0.29	
R6R7VW	0.33	1.05	0.37	0.54	1.19	0.77	0.20	1.50	0.75	0.67	1.00	0.37	0.17	1.24	0.87	
UR2WJB	0.22	-0.23	0.56	0.29	-0.81	1.06	0.11	-0.24	0.53	0.40	-0.84	0.89	0.11	-0.61	0.66	
WWJ4UF	0.43	2.20	0.46	0.41	0.18	1.12	0.14	0.37	3.13	0.54	0.13	0.29	0.13	0.00	0.19	
X9XFPP	0.34	1.21	0.12	0.42	0.22	0.53	0.19	1.32	0.23	0.56	0.22	0.77	0.14	0.28	0.37	
XFC7BF	0.20	-0.45	1.84	0.20	-1.48	1.65	0.09	-0.65	1.22	0.32	-1.39	0.69	0.10	-0.88	1.62	
ZAH9C4	0.13	-1.25	0.63	0.20	-1.50	0.24	0.06	-1.33	0.14	0.24	-1.90	0.02	0.06	-2.01	0.13	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups															Data units: dS/m		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715				
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		
ZG3AU2	0.29	0.63	0.23	0.52	1.03	0.47	0.14	0.35	0.59	0.63	0.71	0.33	0.14	0.54	0.29		

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups															Data units: dS/m		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715				
Grand Median	0.24			0.39			0.12			0.52			0.13				
Median Abs Dev	0.05			0.09			0.03			0.06			0.01				
Avg Within Lab SD	0.02			0.01			0.01			0.03			0.01				
Labs Included	26			26			26			26			26				
Labs Reporting	27			27			27			27			27				



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit	
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			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		
2RW3HH	7.88	-0.01	1.05	7.44	-0.11	0.83	6.41	0.36	1.00	6.99	-0.68	1.04	5.28	0.40	1.29		
3GRCDM	7.90	0.15	0.36	7.51	0.36	1.45	6.35	-0.07	0.90	7.10	0.12	0.50	5.30	0.54	0.75		
632WAQ	8.00	0.98		7.60	0.94	0.00	6.40	0.29	0.00	7.17	0.56	1.38	5.30	0.56	0.00		
667R8V	7.94	0.50	0.46	7.48	0.17	0.62	6.46	0.69	1.06	7.10	0.07	0.37	5.22	-0.11	0.74		
67433X	7.83	-0.42	0.10	7.51	0.36	0.00	6.31	-0.31	0.20	7.05	-0.28	0.14	5.18	-0.45	0.00		
68ZFPQ	8.17	2.33	0.26	7.72	1.74	0.32	6.53	1.19	0.30	7.26	1.22	0.41	5.27	0.28	0.33		
6TJM2J	8.12	1.98	0.10	7.68	1.48	0.83	6.48	0.83	1.31	7.20	0.82	0.91	5.40	1.41	0.56		
7VEVHY	7.74	-1.14	0.10	7.34	-0.75	0.73	6.11	-1.68	0.12	6.91	-1.24	0.24	5.00	-1.95	0.44		
87YML3	7.84	-0.31	0.17	7.45	-0.04	0.93	6.40	0.27	1.02	7.04	-0.35	0.50	5.24	0.03	0.65		
8MZA AV	7.88	0.04	1.68	7.32	-0.88	1.33	6.41	0.38	2.01	6.82	-1.88	0.24	5.42	1.61	0.68		
8WPZU3	7.93	0.39	0.26	7.49	0.26	0.24	6.28	-0.51	0.20	7.11	0.19	0.14	5.24	0.03	0.25		
AV7VBU	7.86	-0.17	0.26	7.46	0.06	2.35	6.37	0.09	0.72	7.14	0.38	2.31	5.31	0.65	0.21		
BWWDRL	7.53	-2.81	2.42	7.15	-1.97	2.27	6.17	-1.23	3.10	6.81	-1.97	2.26	5.10	-1.16	0.25		
BWY4VJ	7.80	-0.63	0.00	7.37	-0.56	1.19	6.53	1.19	1.15	6.97	-0.84	1.38	5.30	0.56	0.00		
BZXGJ9	7.37	-4.13X	1.99	6.97	-3.13X	1.19	5.90	-3.06X	0.00	6.70	-2.72X	0.00	4.70	-4.52X	0.00		
CAZ2GV	7.70	-1.47	0.87	7.05	-2.58	0.98	6.12	-1.57	1.36	6.72	-2.56	0.60	5.05	-1.55	0.98		
CVZFU Y	7.97	0.71	0.10	7.52	0.43	0.21	6.47	0.76	0.20	7.10	0.07	0.14	5.20	-0.25	0.12		
CWVXUF	7.90	0.17	1.75	7.49	0.26	1.38	6.41	0.38	1.28	7.12	0.26	0.77	5.55	2.68	2.05		
DP8FCX	7.86	-0.15	0.00	7.32	-0.86	0.00	6.26	-0.64	0.04	7.01	-0.54	0.00	5.15	-0.71	0.00		
E9JJDF	7.90	0.20	0.36	7.55	0.62	0.21	6.39	0.25	1.44	7.16	0.49	0.28	5.23	-0.03	1.70		
EL427J	7.80	-0.66	0.26	7.44	-0.09	0.74	6.23	-0.83	0.30	7.03	-0.42	0.28	5.11	-1.02	1.01		
FRQEHR	8.13	2.06	1.00	7.60	0.94	0.00	6.60	1.63	0.00	7.20	0.80	0.00	5.37	1.13	1.23		
G4Z9CG	7.85	-0.23	0.00	7.25	-1.31		6.42	0.43	0.00	6.70	-2.72	0.00	5.27	0.31	0.00		
GA76WG	7.79	-0.72	0.27	7.34	-0.73	0.28	6.30	-0.39	0.45	6.94	-1.03	1.05	5.43	1.64	1.64		
GK293W	7.93	0.39	2.16	7.46	0.06	3.46	6.51	1.01	1.02	7.18	0.66	2.15	5.35	0.99	0.93		
GMU4P6	7.83	-0.39	0.30	7.36	-0.62	0.78	6.26	-0.67	0.42	6.93	-1.08	0.14	5.19	-0.37	0.43		



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			Unit
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
HAKLTV	7.69	-1.52	0.35	7.45	-0.04	0.32	6.54	1.23	0.60	7.12	0.21	1.46	5.30	0.56	1.28	
HLE8VJ	8.04	1.30	0.62	7.46	0.04	0.36	6.33	-0.20	0.50	7.10	0.09	0.41	5.23	-0.06	0.12	
HMNAJ4	7.82	-0.44	0.65	7.47	0.13	0.32	6.32	-0.22	1.52	7.09	0.05	0.60	5.35	0.99	1.69	
J4NJZF	7.31	-4.58X	0.91	7.02	-2.79	0.41	5.97	-2.57	2.21	6.88	-1.45	1.49	5.26	0.25	0.96	
JBLB7N	7.78	-0.82	0.10	7.37	-0.56	0.43	6.52	1.07	0.50	7.04	-0.33	0.63	5.10	-1.13	0.21	
JC7UDF	7.88	0.01	0.00	7.35	-0.67	0.74	6.20	-1.03	0.50	6.95	-0.96	1.87	5.42	1.61	0.68	
JWQRU7	7.90	0.17	0.00	7.50	0.30		6.20	-1.05	0.00	7.10	0.09	0.00	5.20	-0.28	0.00	
JYVJLJ	7.90	0.17	0.52	7.56	0.71	0.43	6.36	0.02	0.35	7.14	0.40	0.14	5.29	0.51	0.89	
JYX9QG	7.97	0.77	1.31	7.54	0.54	0.43	6.29	-0.47	0.58	7.11	0.16	0.83	5.23	0.00	0.89	
JZRX9C	7.85	-0.20	0.26	7.41	-0.28	0.74	6.46	0.72	1.10	7.01	-0.56	1.20	5.20	-0.25	1.65	
KCY8CT	7.92	0.34	0.91	7.40	-0.34	0.55	6.46	0.67	0.30	7.12	0.21	0.60	5.37	1.13	0.33	
L78EEJ	7.99	0.87	2.91	7.44	-0.09	1.23	6.16	-1.29	2.15	7.01	-0.57	2.37	5.13	-0.84	1.37	
LBYM2X	7.97	0.71	0.40	7.59	0.86	0.60	6.34	-0.13	0.42	7.15	0.42	0.50	5.19	-0.37	0.77	
LWGUDR	8.13	2.06	1.00	7.73	1.80	1.19	6.43	0.51	1.15	7.23	1.03	1.38	5.33	0.85	1.23	
N29KUM	7.87	-0.09	0.53	7.51	0.36	0.21	6.22	-0.94	1.44	7.16	0.52	0.96	5.19	-0.37	0.21	
PBAKML	7.85	-0.23	0.17	7.40	-0.32	0.32	6.23	-0.83	0.12	7.01	-0.52	0.55	5.18	-0.42	0.44	
PKVQFJ	7.73	-1.17	1.00	7.30	-0.99	2.07	6.33	-0.16	1.15	6.97	-0.84	1.38	5.17	-0.56	1.23	
PKWW77	7.90	0.17	1.20	7.46	0.06	1.14	6.37	0.07	0.76	7.08	-0.07	0.14	5.25	0.14	1.40	
QN8YGM	7.87	-0.06	0.73	7.49	0.26	1.60	6.44	0.54	1.28	7.12	0.22	0.60	5.17	-0.52	0.82	
QPMFD2	7.87	-0.09	1.00	7.37	-0.56	1.19	6.53	1.19	1.15	7.00	-0.61		5.30	0.56	0.00	
QUFERW	8.00	0.98		7.57	0.73	1.19	6.53	1.19	1.15	7.20	0.80	0.00	5.33	0.85	1.23	
R2TT88	7.85	-0.26	0.55	7.35	-0.69	0.12	6.31	-0.29	0.12	7.00	-0.63	0.14	5.18	-0.45	0.21	
RR42LF	7.95	0.54	0.73	7.56	0.71	0.33	6.28	-0.54	0.12	7.10	0.08	0.43	5.20	-0.27	0.26	
TJQDKL	7.83	-0.42	0.70	7.46	0.06	0.60	6.23	-0.87	0.30	7.04	-0.35	0.37	5.17	-0.51	0.25	
UR2WJB	7.87	-0.07	0.17	7.38	-0.47	0.62	6.29	-0.47	0.50	6.98	-0.75	0.24	5.20	-0.31	0.44	
UVZB72	7.92	0.31	0.43	7.44	-0.09	0.74	6.46	0.69	0.35	7.03	-0.42	0.84	5.21	-0.17	0.33	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
WGDABY	7.81	-0.55	0.46	7.40	-0.34	0.21	6.23	-0.85	1.11	6.94	-1.03	1.33	5.17	-0.51	1.23	
WWJ4UF	7.44	-3.51X	0.26	7.37	-0.52	0.32	6.39	0.22	0.53	6.64	-3.12X	0.50	4.48	-6.38X	0.85	
X3RNHC	7.92	0.34	0.35	7.55	0.62	0.21	6.40	0.31	0.12	7.10	0.09	0.24	5.27	0.31	0.00	
X9XFPP	7.55	-2.62	2.33	7.26	-1.27	0.78	6.42	0.45	0.76	6.93	-1.10	2.28	5.22	-0.14	3.33	
XFC7BF	7.95	0.58	2.69	7.46	0.06	0.78	6.35	-0.02	0.61	7.09	0.00	1.13	5.28	0.40	0.74	
YJ9BJE	7.83	-0.36	1.00	7.13	-2.06	1.19	6.33	-0.16	1.15	7.20	0.80	0.00	5.30	0.56	2.13	
YPCE8R	7.82	-0.47	0.75	7.22	-1.48	0.12	6.25	-0.74	0.61	6.79	-2.06	0.37	5.05	-1.52	0.61	
YX9DHD	7.93	0.44	1.00	7.53	0.52	1.19	6.33	-0.16	1.15	7.23	1.03	1.38	5.17	-0.56	1.23	
ZF42QN	8.00	0.98		7.60	0.94	0.00	6.50	0.96		7.10	0.09	0.00	5.40	1.41	0.00	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	7.88			7.45			6.36			7.09			5.23			
Median Abs Dev	0.05			0.09			0.09			0.08			0.06			
Avg Within Lab SD	0.06			0.05			0.05			0.04			0.05			
Labs Included	58			60			60			59			59			
Labs Reporting	61			61			61			61			61			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	8.07	0.47	1.02	7.64	1.10	0.68	6.47	-0.05	0.64	7.20	0.50	0.61	5.37	-0.01	0.60	
2RW3HH	7.85	-0.52	0.18	7.46	0.00	1.22	6.48	-0.03	0.08	7.09	-0.03	0.20	5.34	-0.12	0.43	
8MZA AV	7.96	0.00	0.45	7.40	-0.41	0.34	6.91	1.51	0.43	6.73	-1.81	0.90	5.64	0.91	0.62	
97CDBD	7.93	-0.14	1.53	7.44	-0.12	2.38	6.30	-0.67	1.42	6.93	-0.85	1.70	5.28	-0.32	2.15	
97NAFH	7.87	-0.42	0.15	7.51	0.30	0.12	6.36	-0.46	0.06	6.89	-1.03	0.17	5.38	0.01	0.10	
C94NU3	8.23	1.24	1.02	7.67	1.24	1.28	6.17	-1.14	0.81	7.20	0.51	0.00	4.93	-1.50	0.99	
CAZ2GV	7.76	-0.95	0.72	7.07	-2.41	1.54	6.21	-0.97	2.33	6.61	-2.44	1.33	4.88	-1.69	0.10	
FJX2KD	8.31	1.60	1.18	7.63	1.02	0.80	6.62	0.49	0.49	7.33	1.16	1.00	5.46	0.30	0.96	
GA76WG	7.90	-0.31	0.59	7.41	-0.30	0.82	6.36	-0.45	0.66	7.06	-0.19	0.59	5.56	0.63	1.32	
GMU4P6	7.99	0.12	0.77	7.46	-0.04	0.26	6.49	0.03	0.58	7.07	-0.15	0.64	5.37	-0.02	0.53	
HMNAJ4	8.16	0.92	0.80	7.55	0.53	0.22	6.43	-0.21	1.05	7.20	0.51	0.53	5.47	0.33	0.62	
JBLB7N	7.86	-0.49	0.41	7.45	-0.06	0.51	6.59	0.36	0.80	7.16	0.30	0.42	5.24	-0.44	0.26	
KFYB4F	7.87	-0.44	2.70	7.57	0.63	1.28	7.00	1.84		7.67	2.84X	9.24	6.57	4.07X	11.05	
LRA7X6	8.07	0.47	0.10	7.55	0.55	0.34	6.51	0.09	0.14	7.16	0.32	0.40	5.25	-0.42		
PBAKML	7.96	0.00	1.02	7.45	-0.10	0.71	6.39	-0.34	0.98	7.03	-0.35	1.68	5.42	0.16	0.34	
U8A62Q	8.05	0.38	0.41	7.62	0.94	0.56	6.66	0.61	0.43	7.19	0.45	0.42	5.55	0.61	0.72	
UR2WJB	8.04	0.34	0.41	7.50	0.20	0.71	5.40	-3.89X	24.45	7.12	0.13	0.81	5.34	-0.11	0.30	
WWJ4UF	8.09	0.57	1.48	6.77	-4.22X	0.51	6.77	1.01	1.99	6.95	-0.71	2.08	6.22	2.90	2.15	
X9XFPP	7.72	-1.12	0.18	7.26	-1.24	0.22	6.60	0.41	0.37	7.10	0.03	0.61	5.52	0.49	0.55	
ZAH9C4	7.47	-2.28	0.62	7.09	-2.28	1.74	5.93	-1.98	1.51	6.73	-1.81	1.36	4.74	-2.16	1.82	
ZG3AU2	7.66	-1.39	1.16	7.46	0.00	0.64	6.72	0.84	0.00	7.14	0.20	1.22	5.48	0.35	0.36	



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	7.96	7.46	6.49	7.10	5.37	
Median Abs Dev	0.10	0.08	0.13	0.10	0.11	
Avg Within Lab SD	0.06	0.05	0.07	0.05	0.06	
Labs Included	21	20	20	20	20	
Labs Reporting	21	21	21	21	21	



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
68ZFPQ	7.79	4.55X	0.68	7.51	3.51X	0.50	6.03	1.62	0.88	7.11	3.69X	0.05	4.94	1.00	0.39	
7VEVHY	7.42	0.04	0.51	7.10	-0.18	0.77	5.69	-1.06	0.14	6.71	-0.90	0.14	4.59	-1.06	0.29	
8WPZU3	7.40	-0.25	0.44	7.11	-0.09	0.11	5.68	-1.19	0.14	6.75	-0.41		4.63	-0.86	0.15	
AW39XM	7.46	0.45	2.60	7.25	1.16	1.54	5.88	0.45	0.61	6.58	-2.37	4.16	4.88	0.68	1.15	
CAZ2GV	7.21	-2.65	0.68	6.85	-2.35	0.44	5.70	-0.98	2.13	6.53	-2.90	0.09	4.60	-1.02	1.33	
CVZFU Y	7.36	-0.70	0.26	7.13	0.12	0.19	5.82	-0.05	0.24	6.83	0.49	0.09	4.67	-0.60	0.26	
DP8FCX	7.50	0.95	0.00	7.19	0.62	0.00	5.85	0.16	0.00	6.84	0.57	0.00	4.80	0.16	0.00	
E9JJDF	7.42	0.00	0.77	7.21	0.86	0.40	5.96	1.04	0.28	6.85	0.72	0.09	4.79	0.14	0.53	
EL427J	7.50	0.99	1.17	7.10	-0.15	0.38	5.87	0.35	0.24	6.82	0.38	0.09	4.89	0.72	2.30	
HAKLTV	7.38	-0.50	0.89	7.23	0.98	0.29	6.09	2.12	0.85	6.85	0.68	0.24	4.87	0.60	0.51	
HEFFNB	7.45	0.37	0.77	7.18	0.56	0.19	5.79	-0.29	0.73	6.80	0.15	0.25	4.75	-0.14	1.29	
JBLB7N	7.38	-0.50	0.44	7.08	-0.36	0.29	5.91	0.64	0.28	6.79	0.04	0.28	4.68	-0.52	0.39	
JC7UDF	7.46	0.54	0.68	7.06	-0.51	0.19	5.83	0.00	0.98	6.78	-0.08	0.09	4.97	1.18	1.03	
JWQRU7	7.50	0.99		7.20	0.74	0.00	5.73	-0.74	1.41	6.80	0.15	0.00	4.70	-0.42	0.00	
KCY8CT	7.46	0.54	0.68	6.97	-1.34	3.08	5.79	-0.27	2.26	6.79	0.00	0.20	5.00	1.38	2.46	
QUFERW	7.40	-0.25	0.00	7.17	0.45	1.10	5.87	0.32	1.41	6.87	0.90	0.55	4.70	-0.42	0.00	
WWJ4UF	7.37	-0.66	1.12	7.12	0.00	0.48	5.83	0.00	1.38	6.78	-0.11	0.14	4.98	1.26	0.26	
X3RNHC	7.42	0.00	0.44	7.15	0.33	0.29	5.79	-0.29	0.24	6.78	-0.11	0.05	4.73	-0.26	0.15	
X9XFPP	7.22	-2.44	1.35	6.91	-1.81	2.05	5.95	1.01	0.37	6.73	-0.68	0.14	4.82	0.28	1.31	
YRJQQE	7.42	0.00	1.60	7.09	-0.21	0.22	5.71	-0.90	0.78	6.68	-1.17	0.11	4.64	-0.76	0.15	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups																Data units: Unit
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	7.42			7.12			5.83			6.79			4.77			
Median Abs Dev	0.04			0.06			0.07			0.04			0.11			
Avg Within Lab SD	0.02			0.05			0.04			0.11			0.04			
Labs Included	19			19			20			19			20			
Labs Reporting	20			20			20			20			20			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	7.31	0.06	0.69	7.08	0.11	0.45	5.83	0.05	0.28	6.74	0.04	0.25	4.68	-0.11	0.29	
87YML3	8.00	2.32	1.17	7.50	2.11	1.50	6.53	3.36	0.40	7.18	2.01	0.45	5.33	2.82	1.24	
8MZA AV	7.14	-0.48	0.20	6.91	-0.66	0.62	5.71	-0.49	0.43	6.39	-1.47	0.76	4.73	0.11	0.51	
CAZ2GV	7.22	-0.21	0.40	6.83	-1.06	1.52	5.66	-0.72	1.03	6.47	-1.12	2.34	4.63	-0.35	2.32	
GMU4P6	7.27	-0.06	0.62	7.03	-0.11	1.07	5.80	-0.06	0.28	6.72	-0.04	0.70	4.66	-0.23	0.22	
HMNAJ4	7.51	0.72	0.94	7.22	0.80	1.12	5.84	0.13	1.70	6.80	0.34	0.88	4.81	0.47	1.44	
QPMFD2	7.37	0.26	1.98	7.10	0.22	0.00	5.97	0.71	1.54	6.57	-0.71	1.25	4.80	0.42	0.00	
R2TT88	7.60	1.01	0.20	7.23	0.83	0.30	5.80	-0.09	0.38	6.84	0.50	0.00	4.59	-0.52	0.11	
WWJ4UF	6.93	-1.18	0.51	7.01	-0.22	1.12	6.05	1.08	0.20	6.76	0.13	0.82	5.04	1.52	0.69	
X9XFPP	7.15	-0.45	1.57	6.92	-0.64	1.04	5.81	-0.05	1.73	6.64	-0.38	0.43	4.66	-0.21	0.33	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups						Data units: Unit	
	SRS1711		SRS1712		SRS1713	SRS1714	SRS1715
Grand Median	7.29		7.05		5.82	6.73	4.71
Median Abs Dev	0.14		0.14		0.07	0.10	0.09
Avg Within Lab SD	0.06		0.03		0.08	0.05	0.05
Labs Included	10		10		10	10	10
Labs Reporting	10		10		10	10	10



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups															Data units: dS/m		
SRS1711				SRS1712				SRS1713				SRS1714			SRS1715		
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		
ZG3AU2	0.17		1.00	0.25		1.00	0.07		1.00	0.28		1.00	0.06		1.00		

Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups															Data units: dS/m		
SRS1711				SRS1712				SRS1713				SRS1714			SRS1715		
Grand Median	0.17			0.25			0.074			0.28			0.065				
Median Abs Dev																	
Avg Within Lab SD	0.00			0.00			0.003			0.00			0.000				
Labs Included	1			1			1			1			1				
Labs Reporting	1			1			1			1			1				



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	7.50	0.13		7.33	0.46	1.43	7.12	-0.08	1.68	7.24	-0.72	1.64	6.62	-2.25	0.76	
CAZ2GV	7.26	-2.26	1.04	6.82	-2.22	0.49	6.76	-2.16	0.25	7.15	-1.30	1.66	6.68	-1.85	0.53	
DP8FCX	7.52	0.30	0.34	7.25	0.00	0.76	7.21	0.43	0.38	7.45	0.62	0.25	6.95	-0.18	0.41	
EL427J	7.45	-0.37	1.77	7.32	0.37	1.59	7.22	0.48	0.25	7.43	0.49	0.65	7.01	0.23	0.09	
GK293W							7.15	0.08	1.62				7.00	0.17	2.58	
JC7UDF	7.55	0.61	0.45	7.27	0.11	0.87	7.22	0.48	0.99	7.53	1.17	0.54	7.06	0.55	0.23	
KCY8CT	7.55	0.61	0.45	7.27	0.11	0.87	7.22	0.48	0.99	7.53	1.17	0.54	7.06	0.55	0.23	
PKWW77	7.49	0.00	0.61	7.04	-1.07	0.25	6.95	-1.09	0.38	7.27	-0.49	0.54	6.87	-0.67	0.40	
QPMFD2	7.37	-1.21	1.70	7.13	-0.59	1.43	7.07	-0.40	1.43	7.33	-0.11	1.49	7.00	0.15		
R2TT88	7.43	-0.57	0.00	7.03	-1.14	0.14	6.95	-1.09	0.38	7.35	0.00	0.00	6.95	-0.15	1.01	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit	
	SRS1711		SRS1712		SRS1713	SRS1714	SRS1715
Grand Median	7.49		7.25		7.14	7.35	6.98
Median Abs Dev	0.06		0.09		0.08	0.10	0.06
Avg Within Lab SD	0.03		0.04		0.04	0.04	0.07
Labs Included	9		9		10	9	10
Labs Reporting	9		9		10	9	10



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GRCDM	7.71	3.27	3.39	7.38	1.26	0.38	7.35	2.27	3.19	7.46	1.19	3.95	7.09	1.27	1.92	
4G8ZB8	7.45	-0.36	0.14	7.04	-0.71	0.14	7.04	-0.49	0.13	7.31	-1.04	0.14	6.96	0.06	0.26	
632WAQ	7.50	0.36		7.27	0.61	1.45	7.23	1.24	1.27	7.47	1.23	0.69	7.07	1.08	1.48	
667R8V	7.40	-0.96	0.14	7.14	-0.12	1.28	7.05	-0.35	1.10	7.34	-0.64	0.63	6.94	-0.09	1.31	
67433X	7.41	-0.86	0.00	7.12	-0.25	0.00	7.05	-0.35	0.13	7.36	-0.40	0.07	6.86	-0.92	0.15	
68ZFPQ	7.56	1.14	0.28	7.30	0.79	0.29	7.24	1.27	0.34	7.49	1.53	0.07	7.03	0.70	0.30	
7VEVHY	7.46	-0.14	0.28	7.15	-0.06	0.14	7.08	-0.08	0.25	7.38	0.00	0.25	6.90	-0.51	1.12	
EL427J	7.43	-0.55	0.37	7.44	1.66	1.70	7.18	0.80	0.46	7.49	1.63	0.25	7.09	1.27	0.82	
GA76WG	7.49	0.25	0.09	7.17	0.02	0.18	7.09	0.00	0.09	7.33	-0.78	0.07	6.93	-0.22	0.26	
HLE8VJ	7.44	-0.41	0.14	7.00	-0.98	0.14	6.97	-1.05	0.13	7.29	-1.33	0.07	6.89	-0.63	0.39	
J4NJZF	7.33	-1.91	0.14	6.99	-1.00	0.14	6.96	-1.17	0.22	7.38	0.00	0.36	7.09	1.27	0.59	
JBLB7N	7.53	0.77	0.00	7.53	2.17	0.00	7.07	-0.17	0.34	7.36	-0.40	0.18	6.99	0.35	0.44	
JC7UDF	7.36	-1.59	0.50	7.16	-0.02	0.66	7.10	0.09	0.25	7.36	-0.35	0.36	6.95	-0.06	0.39	
JZRX9C	7.52	0.68	1.56	7.22	0.36	1.47	7.19	0.89	1.49	7.42	0.54	0.71	6.99	0.35	2.27	
L78EEJ	7.46	-0.18	0.60	7.14	-0.14	0.79	7.05	-0.36	0.37	7.30	-1.28	0.13	6.86	-0.91	0.44	
LCWXX2	7.15	-4.48X	0.02	6.88	-1.69	0.03	6.70	-3.43X	0.11	7.10	-4.14X	0.25	6.52	-4.10X	0.04	
N29KUM	7.48	0.05	0.92	7.18	0.12	0.38	7.21	1.04	0.22	7.38	0.00	1.26	6.83	-1.14	0.64	
PKVQFJ	7.47	-0.09	1.40	7.20	0.22	2.50	7.07	-0.23	1.27	7.40	0.25	1.19	6.77	-1.77	1.48	
TJQDKL	7.48	0.09	0.24	7.15	-0.08	0.25	7.10	0.04	0.13	7.34	-0.64	0.00	6.91	-0.44	0.15	
UR2WJB	7.48	0.14	0.50	6.98	-1.08	0.25	7.03	-0.58	1.08	7.35	-0.54	0.70	7.03	0.70	1.03	
XFC7BF	7.47	0.00	0.98	7.28	0.69	2.29	7.18	0.74	1.46	7.39	0.15	0.25	6.95	0.00	0.59	
ZF42QN	7.50	0.36		7.30	0.81	0.00	7.20	0.95	0.00	7.40	0.25	0.00	7.00	0.44		



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	7.47	7.16	7.09	7.38	6.95	
Median Abs Dev	0.03	0.11	0.07	0.04	0.07	
Avg Within Lab SD	0.04	0.04	0.05	0.08	0.04	
Labs Included	21	22	21	21	21	
Labs Reporting	22	22	22	22	22	



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
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
BWY4VJ	7.77		1.72	7.78		1.55	7.79		1.07	7.85		0.65	7.77		0.72			
JC7UDF	7.81		0.65	7.59		0.48	7.76		1.11	7.86		1.12	7.75		0.98			
KCY8CT	7.79		0.65	7.62		1.13	7.70		1.11	7.84		1.49	7.67		1.52			
WGDABY	7.81		0.43	7.44		0.28	7.61		0.64	7.79		0.32	7.66		0.47			
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
Grand Median	7.80			7.61			7.73			7.84			7.71					
Median Abs Dev																		
Avg Within Lab SD	0.02			0.04			0.03			0.02			0.02					
Labs Included	4			4			4			4			4					
Labs Reporting	4			4			4			4			4					



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
68ZFPQ	7.13	0.00	1.01	7.08	0.53	0.78	7.02	1.25	1.77	7.22	2.06	1.18	6.72	0.15	1.36	
7VEVHY	7.07	-1.15	0.53	6.99	-1.00	0.65	6.82	-0.34	0.35	6.97	-0.89	0.24	6.66	-0.19	0.27	
DP8FCX	7.05	-1.44	0.00	7.05	0.00	0.00	6.95	0.74	0.00	7.01	-0.44	0.00	6.90	1.27	0.00	
HAKLTV	7.15	0.23	1.92	7.11	1.12	1.98	6.86	0.00	0.61	7.07	0.32	1.85	6.69	0.00	1.91	
JBLB7N	7.16	0.52	0.53	7.00	-0.83		6.64	-1.75	0.61	7.00	-0.56		6.45	-1.53	0.47	
KCY8CT	7.11	-0.40	0.92	7.01	-0.59	0.86	6.88	0.16	0.61	7.05	0.00	0.63	6.74	0.29	0.82	
N29KUM	7.19	0.98	0.92	7.08	0.65	0.57	6.80	-0.48	1.62	7.08	0.44	0.85	6.49	-1.30	0.72	

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	7.13			7.05			6.86			7.05			6.69			
Median Abs Dev	0.03			0.04			0.06			0.04			0.05			
Avg Within Lab SD	0.03			0.03			0.02			0.02			0.02			
Labs Included	7			7			7			7			7			
Labs Reporting	7			7			7			7			7			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
CWVXUF							6.30		0.26					6.22	0.81
HEFFNB	6.66		1.00	6.61		1.00	6.30		0.80	6.51		1.00	6.23		0.81
QUFERW							6.33		1.51				6.23		1.30
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
Grand Median	6.66			6.61			6.30			6.51			6.23		
Median Abs Dev															
Avg Within Lab SD	0.01			0.02			0.04			0.02			0.04		
Labs Included	1			1			3			1			3		
Labs Reporting	1			1			3			1			3		



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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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27D3A3	33.1	1.7	1.3	64.1	-0.6	0.7	30.2	1.1	0.5	96.5	-0.2	0.2	33.9	2.1	0.5
3GRCDM	64.4	10.2X	0.7	105.9	1.4	1.8	41.9	2.1	2.5	200.0	4.3X	0.9	60.0	7.9X	0.1
3UZ3DA	26.5	-0.1	1.1	59.5	-0.8	0.6	17.4	0.0	0.7	86.7	-0.6	1.5	23.8	-0.1	1.1
632WAQ	30.2	0.9	0.5	54.3	-1.0	0.7	21.8	0.4	0.6	88.7	-0.5	0.3	28.0	0.8	0.2
667R8V	25.9	-0.3	0.8	49.3	-1.3	1.3	10.0	-0.6	0.5	74.3	-1.2	0.6	24.8	0.1	0.6
7VEVHY	27.9	0.2	1.7	54.1	-1.0	1.9	19.7	0.2	0.9	84.5	-0.7	1.7	26.6	0.5	0.4
97CDBD	27.4	0.1	1.0	76.4	0.0	0.9	25.3	0.7	0.4	109.0	0.3	0.6	23.9	-0.1	0.5
97NAFH	29.5	0.7	0.9	82.1	0.3	0.5	14.5	-0.3	0.3	79.7	-0.9	0.1	18.8	-1.2	0.2
AV7VBU	57.8	8.4X		123.0	2.2X		51.0	2.9		208.6	4.6X		55.2	6.8X	
AVLC43	27.6	0.2	0.1	81.9	0.3	0.6	5.9	-1.0	2.6	119.3	0.8	0.2	24.2	0.0	0.0
AW39XM	26.2	-0.2	0.4	77.3	0.0	0.6	27.4	0.8	0.1	106.6	0.2	0.3	23.8	-0.1	0.3
BWWDRL	23.6	-0.9	0.8	84.1	0.4	1.1	8.3	-0.8	0.6	101.2	0.0	0.8	21.9	-0.5	0.4
BWY4VJ	20.8	-1.7	0.7	41.7	-1.6	0.3	9.4	-0.7	0.4	72.9	-1.2	0.6	21.7	-0.6	1.3
BZXGJ9	18.1	-2.4	0.3	42.5	-1.6	0.2	8.9	-0.7	0.3	45.3	-2.4	0.1	18.1	-1.4	0.2
C94NU3	26.0	-0.3	0.3	76.9	0.0	0.3	27.7	0.9	0.5	105.6	0.2	0.0	23.3	-0.2	0.5
CAZ2GV	19.3	-2.1	2.5	59.8	-0.8	2.6	11.8	-0.5	1.4	81.9	-0.8	1.4	16.8	-1.7	1.0
DNU9NV	26.2	-0.2	0.2	60.0	-0.8	0.4	21.6	0.4	0.2	91.1	-0.4	0.2	28.5	0.9	0.2
EL427J	28.4	0.4	0.2	86.3	0.5	0.3	27.2	0.8	0.4	114.6	0.6	0.5	25.4	0.2	0.2
FJX2KD	26.0	-0.3	0.3	83.5	0.3	0.3	22.6	0.4	1.3	114.3	0.6	0.2	20.5	-0.9	0.5
G4Z9CG	26.6	-0.1	0.0	76.6	0.0	0.0	7.7	-0.8	0.0	107.8	0.3	0.0	22.9	-0.3	0.0
HAKLTV	26.1	-0.2	0.5	56.1	-0.9	0.2	15.0	-0.2	0.5	81.1	-0.9	0.7	25.7	0.3	0.5
J4NJZF	22.7	-1.2	0.4	80.7	0.2	0.2	13.3	-0.4	0.4	123.7	1.0	4.0	20.0	-1.0	0.5
JBLB7N	31.1	1.1	0.2	57.4	-0.9	0.1	1.7	-1.3	0.1	109.4	0.4	0.1	29.6	1.1	0.1
JC7UDF	25.6	-0.4	0.9	49.7	-1.2	0.5	17.6	0.0	0.7	75.4	-1.1	0.1	24.8	0.1	0.2
JZRX9C	24.9	-0.6	0.9	42.4	-1.6	0.6	6.3	-0.9	0.7	74.9	-1.1	0.7	23.1	-0.3	0.8
KCY8CT	26.5	-0.1	0.2	79.9	0.2	0.2	10.4	-0.6	0.4	111.8	0.5	0.1	24.2	0.0	0.1



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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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KFYB4F	27.0	0.0	0.7	77.7	0.1	0.8	8.2	-0.8	0.1	99.3	-0.1	0.2	24.0	-0.1		
L78EEJ	24.1	-0.8	2.9	48.0	-1.3	0.9	16.2	-0.1	1.5	78.5	-1.0	0.3	22.5	-0.4	1.6	
MFNLQD	26.9	0.0	0.0	79.3	0.1	0.1	27.7	0.9	0.2	111.9	0.5	0.0	24.2	0.0	0.0	
N29KUM	26.4	-0.2	0.1	51.6	-1.2	0.1	20.8	0.3	0.1	82.6	-0.8	0.1	26.0	0.4	0.0	
NYXZNY	32.2	1.4		92.0	0.7		24.9	0.6		127.9	1.2		27.9	0.8		
PKVQFJ	29.0	0.5	0.3	85.3	0.4	0.1	27.0	0.8	0.5	115.2	0.6	0.2	26.1	0.4	0.2	
PKWW77	28.4	0.4	0.6	82.3	0.3	0.9	23.5	0.5	1.0	113.6	0.5	0.5	24.6	0.0	0.5	
QPMFD2	21.9	-1.4	1.6	79.0	0.1	1.5	4.9	-1.1	0.4	114.3	0.6	0.1	24.8	0.1	0.0	
QUFERW	27.4	0.1	2.2	42.2	-1.6	2.6	9.3	-0.7	3.6	88.0	-0.6	3.5	19.0	-1.2	5.4	
R2TT88	27.2	0.1	0.3	80.1	0.2	0.6	15.6	-0.2	0.1	114.1	0.6	0.4	11.9	-2.8	0.1	
RR42LF	29.3	0.6	0.1	96.0	0.9	0.9	26.1	0.7	0.6	133.6	1.4	0.1	24.8	0.1	0.3	
TEVJP7	27.5	0.1	0.4	86.3	0.5	0.4	118.8	8.7X	1.6	10.2	-3.9X	0.0	6.3	-4.0	0.0	
TJQDKL	27.0	0.0	0.1	54.8	-1.0	0.2	27.4	0.8	0.2	83.6	-0.8	0.2	24.8	0.1	0.2	
UR2WJB	32.3	1.5	0.4	54.3	-1.0	0.8	20.7	0.3	0.8	88.3	-0.6	0.4	28.3	0.9	0.5	
UVZB72	31.7	1.3	1.0	49.3	-1.3	2.3	8.7	-0.8	0.4	80.3	-0.9	0.2	29.0	1.0	0.5	
XEYU96	30.3	0.9	2.0	72.7	-0.2	1.3	9.2	-0.7	0.1	115.0	0.6	0.1	24.7	0.1	0.1	
YX9DHD	33.0	1.6	0.7	63.0	-0.6	0.3	19.7	0.2	0.4	101.3	0.0	0.3	29.3	1.1	0.3	
ZAH9C4	30.6	1.0	0.3	79.3	0.1	0.7	17.0	0.0	1.0	103.9	0.1	0.1	25.4	0.2	0.2	

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	27.0			76.4			17.4			101.2			24.4			
Median Abs Dev	1.4			13.4			8.1			13.4			1.6			
Avg Within Lab SD	1.5			3.1			1.4			7.2			2.2			
Labs Included	42			43			43			41			42			
Labs Reporting	44			44			44			44			44			



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	26.2	0.0	0.3	66.9	0.0	0.3	6.0	-1.1	0.4	90.1	-0.1	0.1	22.0	0.0	0.3	
BZXGJ9	18.1	-0.7	0.3	42.5	-0.8	0.3	8.9	-0.8	0.2	45.3	-1.6	0.1	18.1	-1.0	0.2	
CWVXUF	43.4	1.5	1.2	97.2	1.0	1.2	32.0	1.3	0.6	127.3	1.1	1.2	25.0	0.7	1.5	
GA76WG	25.0	-0.1	0.1	52.8	-0.5	0.2	28.7	1.0	0.2	82.0	-0.4	0.1	25.7	0.9	0.2	
GK293W	45.3	1.7	2.0	97.9	1.0	2.2	17.6	0.0	2.5	118.9	0.8	2.3	20.1	-0.5	2.1	
HLE8VJ	32.0	0.5	0.6	86.6	0.7	0.2	19.7	0.2	0.2	111.3	0.6	0.5	18.9	-0.8	0.4	
ZF42QN	24.0	-0.2		46.0	-0.7	0.7	14.7	-0.3	0.3	93.7	0.0	0.3	25.7	0.9	0.3	

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	26.2			66.9			17.6			93.7			22.0			
Median Abs Dev	5.8			20.9			8.7			17.6			3.1			
Avg Within Lab SD	1.7			2.8			2.1			4.4			2.0			
Labs Included	7			7			7			7			7			
Labs Reporting	7			7			7			7			7			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
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
BZXGJ9	18.1		0.3	42.5		0.3	8.9		0.9	45.3		0.2	18.1		0.9			
LCWXX2	27.9		1.8	73.7		0.3	14.2		0.0	107.4		0.7	22.8		0.7			
WGDABY	31.5		0.7	86.8		1.0	31.0		1.4	114.8		1.3	25.1		1.2			
XFC7BF	25.5		0.6	67.5		1.7	24.8		1.2	84.6		1.4	23.4		1.2			
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
Grand Median	26.7			70.6			19.5			96.0			23.1					
Median Abs Dev																		
Avg Within Lab SD	1.4			2.7			0.4			2.6			0.5					
Labs Included	4			4			4			4			4					
Labs Reporting	4			4			4			4			4					



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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS1715		
SRS1711				SRS1712			SRS1713			SRS1714					
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
2RW3HH	30.4		1.4	85.9		1.4	18.3		1.3	103.9		1.4	21.7		1.4
BZXGJ9	18.1		0.3	42.5		0.2	8.9		0.6	45.3		0.1	18.1		0.3
NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS1715		
Grand Median		24.2		64.2			13.6			74.6			19.9		
Median Abs Dev															
Avg Within Lab SD		1.7		4.8			0.6			5.7			1.7		
Labs Included		2		2			2			2			2		
Labs Reporting		2		2			2			2			2		



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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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
632WAQ	3.47	-0.05	0.12	11.10	0.27	0.14	2.47	-0.43	0.07	10.75	0.00	0.09	12.17	-0.04	0.21	
7VEVHY	3.25	-0.12	0.48	6.51	-0.86	0.68	2.89	-0.34	1.94	7.56	-0.79	2.47	12.27	-0.02	2.79	
97CDBD	5.33	0.59	1.22	12.90	0.71	1.36	3.53	-0.20	0.07	12.37	0.40	0.77	12.60	0.06	0.44	
AV7VBU	24.50	7.06X		56.00	11.28X		13.45	1.94		57.25	11.51X		87.13	16.14X		
AW39XM	3.52	-0.03	0.17	11.65	0.41	0.39	1.87	-0.56	0.18	11.47	0.18	0.23	12.34	0.00	0.19	
C94NU3	3.46	-0.05	0.32	11.98	0.49	0.33	2.88	-0.34	0.11	11.12	0.09	0.23	12.06	-0.06	0.71	
CAZ2GV	2.94	-0.22	1.02	11.72	0.42	0.37	7.40	0.63	0.52	11.89	0.28	0.26	12.72	0.08	0.16	
CWVXUF	3.60	0.00		10.00	0.00		2.80	-0.36		9.90	-0.21		10.00	-0.51		
EL427J	5.30	0.57	0.75	11.23	0.30	0.10	4.50	0.01		12.67	0.47	0.32	15.17	0.61	0.44	
G4Z9CG	2.57	-0.35	0.00	9.81	-0.05	0.00	5.20	0.16	0.00	9.16	-0.39	0.00	9.84	-0.54	0.00	
GK293W	5.40	0.61	3.12	7.60	-0.59	2.89	2.70	-0.38	3.66	6.33	-1.09	2.39	8.87	-0.75	2.17	
J4NJZF	13.67	3.40	1.21	24.67	3.60	1.92	9.67	1.12	0.75	21.67	2.70	2.63	24.00	2.52	1.90	
JBLB7N	4.33	0.25	0.60	9.87	-0.03	0.89	7.36	0.63	0.59	11.41	0.16	1.13	16.35	0.87	0.69	
JC7UDF	3.90	0.10	0.33	7.89	-0.52	0.12	2.95	-0.33	0.14	8.23	-0.62	0.07	11.42	-0.20	0.46	
L78EEJ	5.46	0.63	0.51	9.25	-0.18	0.85	5.91	0.31	0.97	10.01	-0.18	0.97	12.18	-0.04	1.78	
MFNLQD	3.35	-0.09	0.10	13.02	0.74	0.19	4.43	-0.01	0.03	12.38	0.40	0.07	12.61	0.06	0.08	
N29KUM	3.50	-0.03	0.21	8.33	-0.41	0.75	1.30	-0.68	0.13	8.97	-0.44	0.16	13.60	0.27	0.00	
PKVQFJ	19.09	5.23	2.34	26.10	3.95	1.26	18.69	3.07	0.34	25.21	3.58	0.93	26.06	2.96	1.27	
QPMFD2	3.93	0.11	0.60	12.37	0.58	2.26	5.30	0.18	0.91	13.27	0.62	0.16	13.77	0.31	0.28	
R2TT88	3.41	-0.06	0.10	9.88	-0.03	0.22	0.34	-0.89	0.06	10.49	-0.06	0.12	12.18	-0.03	0.19	
RR42LF	3.39	-0.07	0.21	8.80	-0.29	0.22	4.97	0.11	0.23	9.32	-0.35	0.37	10.67	-0.36	0.04	
TEVJP7	2.70	-0.30	0.43	7.38	-0.64	0.46	7.47	0.65	0.08	5.93	-1.19	0.18	0.76	-2.50	0.11	
TJQDKL	4.23	0.21	0.48	6.90	-0.76	0.33	3.90	-0.12	0.34	7.53	-0.80	0.30	10.10	-0.48	0.40	
UR2WJB	10.33	2.27	1.21	14.00	0.98		9.33	1.05	1.98	15.67	1.22	1.21	20.00	1.65	1.10	
UVZB72	7.33	1.26	1.21	10.67	0.16	0.96	11.33	1.48	0.75	13.00	0.56		20.00	1.65	1.10	
WGDABY	2.13	-0.50	0.32	8.93	-0.26	0.25	1.53	-0.63	0.07	9.93	-0.20	0.58	16.33	0.86	0.63	



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
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	
XEYU96	6.33	0.92	0.32	13.17	0.78	0.10	12.23	1.68	0.07	13.37	0.65	0.32	13.67	0.29	0.23	
XFC7BF	3.00	-0.20	1.05	9.13	-0.21	0.07	1.73	-0.59	0.23	8.54	-0.55	0.34	10.00	-0.51	0.49	
NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	3.60			10.00			4.47			10.8			12.3			
Median Abs Dev	0.66			1.72			2.30			1.8			1.7			
Avg Within Lab SD	0.48			0.60			0.77			1.0			0.9			
Labs Included	27			27			28			27			27			
Labs Reporting	28			28			28			28			28			



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	60.0	-1.7	0.4	56.7	-1.4	0.3	42.0	-0.8	0.6	36.0	-0.7	0.6	7.3	-0.1	0.7	
3GRCDM	198.6	3.8	0.3	75.7	-0.9	1.3	43.6	-0.7	1.7	40.1	-0.2	0.4	3.6	-1.8	0.1	
667R8V	87.7	-0.6	0.5	122.3	0.4	1.4	51.0	0.2		39.3	-0.3	1.0	9.3	0.8	0.7	
68ZFPQ	85.5	-0.6	0.5	106.3	0.0	1.0	43.4	-0.7	0.4	37.6	-0.5	0.3	6.3	-0.6	0.3	
7VEVHY	117.2	0.6	2.2	149.5	1.2	2.1	57.8	0.9	1.8	48.0	0.7	3.0	9.7	0.9	1.3	
8WPZU3	103.0	0.0	0.4	132.3	0.7	0.8	48.0	-0.2	1.0	43.3	0.2	1.0	5.3	-1.0	0.7	
CAZ2GV	121.6	0.8	3.7	44.1	-1.7	1.5	60.1	1.2	0.8	60.9	2.3	2.2	8.2	0.2	0.6	
CVZFUJ	102.3	0.0	0.0	140.1	0.9	0.0	54.4	0.6	0.1	40.8	-0.1	0.1	6.7	-0.4	0.0	
DP8FCX	95.7	-0.2	0.3	99.6	-0.2	0.1	44.4	-0.6	0.2	38.0	-0.5	0.4	8.3	0.3	0.2	
E9JJDF	100.7	0.0	0.2	128.7	0.6	0.7	46.3	-0.3	0.3	41.0	-0.1		6.0	-0.7		
EL427J	113.7	0.5	0.2	113.3	0.2	0.7	47.3	-0.2	0.7	42.0	0.0	0.6	7.0	-0.3		
GA76WG	107.3	0.2	0.5	126.7	0.6	0.5	47.4	-0.2	0.6	41.7	0.0	0.8	10.1	1.1	0.2	
HAKLTV	125.0	0.9	0.8	113.0	0.2	2.0	67.7	2.0	2.1	61.3	2.3	1.3	11.3	1.6	1.9	
HLE8VJ	104.4	0.1	1.6	54.4	-1.5	0.8	59.7	1.1	0.5	56.4	1.7	0.4	7.2	-0.2	0.4	
JBLB7N	8.0	-3.7	0.3	64.0	-1.2	0.3	31.7	-2.0	2.0	31.1	-1.3	1.2	4.7	-1.3	0.4	
JC7UDF	87.4	-0.6	1.0	106.1	0.0	0.3	57.0	0.8	0.9	48.2	0.8	0.3	6.8	-0.4	0.1	
JWQRU7	101.3	0.0	0.6	131.7	0.7	0.6	46.0	-0.4	0.6	40.7	-0.1	0.7	5.3	-1.0	0.7	
JYVJLJ	102.0	0.0		139.3	0.9	0.3	48.5	-0.1	1.3	41.5	0.0	0.5	9.5	0.8		
JZR9C	100.7	0.0	0.3	97.3	-0.3	0.2	53.7	0.5	1.5	47.7	0.7	0.4	9.3	0.8	0.7	
N29KUM	81.9	-0.8	0.3	149.4	1.2	1.6	47.3	-0.2	0.3	39.1	-0.3	1.1	7.6	0.0	0.1	
PKVQFJ	101.7	0.0	0.1	106.3	0.0	0.3	52.6	0.4	0.7	46.1	0.5	0.6	7.7	0.0	0.6	
TJQDKL	104.3	0.1	0.1	131.3	0.7	1.0	54.7	0.6	0.3	45.7	0.5	0.4	8.3	0.3	0.7	
UR2WJB	109.0	0.3	0.9	94.0	-0.3	1.1	50.3	0.1	0.9	40.3	-0.2	1.3	4.7	-1.3	3.6	
WGDABY	101.0	0.0	0.2	55.0	-1.4	0.3	59.3	1.1	0.9	55.3	1.6	0.4	9.1	0.7	0.2	
X3RNHC	95.7	-0.2	0.3	101.4	-0.1	0.3	55.9	0.7	0.3	44.4	0.3	0.8	9.7	0.9	0.4	
XFC7BF	119.7	0.7	1.0	88.3	-0.5	2.2	62.0	1.4	0.4	55.2	1.6	0.3	8.3	0.3	0.2	



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
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	
YX9DHD	119.7	0.7	0.3	92.7	-0.4	0.3	45.3	-0.5	0.3	47.3	0.7	0.7	7.0	-0.3		
ZF42QN	62.0	-1.6	0.4	126.3	0.6	0.2	45.0	-0.5	1.2	37.0	-0.6	0.6	9.0	0.6		
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	101.9			106.3			49.4			41.9			7.65			
Median Abs Dev	9.5			21.3			5.0			4.1			1.42			
Avg Within Lab SD	4.9			3.3			1.7			1.6			0.80			
Labs Included	28			28			28			28			28			
Labs Reporting	28			28			28			28			28			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
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
PKWW77	73.8		1.1	32.4		1.1	46.2		1.2	42.2		0.6	9.2		1.4			
QPMFD2	34.1		0.5	41.6		0.8	52.3		0.7	46.0		1.6	9.1		0.4			
TEVJP7	86.7		1.2	58.3		1.5	47.7		1.4	6.7		1.0	45.3		1.4			
YPCE8R	115.9		1.1	23.7		0.0	65.8		0.4	60.1		0.4	4.8		0.0			
PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
Grand Median	80.3			37.0			50.0			44.1			9.15					
Median Abs Dev																		
Avg Within Lab SD	3.2			2.4			1.5			1.6			1.10					
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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	59.7	-0.7	0.6	45.8	-0.2	0.5	29.6	0.5	1.0	23.2	0.0	0.7	11.7	3.8	1.1	
3GRCDM	61.2	-0.6	0.2	46.5	-0.2	0.1	21.5	-0.5	0.0	18.9	-0.7	0.7	3.5	-0.2	0.2	
3UZ3DA	60.5	-0.6	0.6	38.5	-0.6	0.5	17.7	-1.0	0.5	17.4	-0.9	1.7	6.0	1.0	1.1	
4G8ZB8	84.2	1.3	0.3	67.6	1.0	0.1	30.2	0.6	0.7	28.3	0.8	0.3	3.9	0.0	0.4	
667R8V	65.3	-0.2	1.2	39.3	-0.6	0.2	23.3	-0.3	0.7	18.0	-0.8	0.9	5.3	0.7	1.0	
7VEVHY	69.4	0.1	2.3	42.8	-0.4	0.6	22.1	-0.4	0.7	19.3	-0.6	1.4	3.4	-0.2	1.5	
97CDBD	70.0	0.1	1.0	65.3	0.9	2.2	25.4	0.0	0.4	27.3	0.7	0.5	3.3	-0.3	1.1	
97NAFH	67.0	-0.1	0.5	54.4	0.3	0.2	22.5	-0.4	0.6	20.5	-0.4	0.1	4.3	0.2	1.1	
AVLC43	94.0	2.0X	3.5	89.0	2.2X	3.2	56.0	4.0X	0.6	45.3	3.6X	4.4	17.3	6.5X	1.0	
BWWDRL	87.0	1.5	1.9	69.2	1.1	0.6	37.5	1.6	2.4	25.8	0.4	2.8	5.2	0.6	0.4	
BZXGJ9	28.1	-3.2X	0.2	13.3	-2.0	0.0	10.3	-2.0	0.1	12.5	-1.7	0.3	0.4	-1.7	0.5	
C94NU3	68.5	0.0	0.1	60.7	0.6	0.2	29.7	0.6	0.2	28.4	0.8	0.2	9.0	2.5	0.4	
DNU9NV	72.3	0.3	0.1	49.1	0.0	0.1	20.6	-0.6	0.3	20.3	-0.5	0.3	3.8	0.0	0.1	
EL427J	58.0	-0.8	0.4	35.0	-0.8	0.3	7.0	-2.4		18.0	-0.8		16.0	5.8X	1.7	
GK293W	59.0	-0.7	2.7	64.4	0.8	4.0	32.0	0.9	2.8	25.3	0.3	1.1	6.5	1.3	2.3	
HLE8VJ	58.3	-0.8	0.5	53.8	0.2	0.2	21.6	-0.5	0.7	19.8	-0.5	0.3	3.2	-0.3	0.4	
J4NJZF	72.7	0.3	0.4	67.0	1.0		34.0	1.1	1.1	28.0	0.8	0.9	3.0	-0.4		
JBLB7N	88.5	1.6	1.4	39.4	-0.6	0.6	23.8	-0.2	1.4	21.7	-0.2	0.5	3.9	0.0	1.1	
JZRX9C	62.3	-0.5	1.0	36.3	-0.8	0.5	21.0	-0.6	0.6	17.3	-0.9	0.5	4.3	0.2	1.0	
KFYB4F	79.0	0.8	1.8	73.3	1.3	1.5	33.7	1.1	2.0	28.3	0.8	1.8	3.5	-0.2	0.3	
LCWXX2	60.2	-0.6	0.0	152.8	5.8X	0.7	31.0	0.7	0.5	27.3	0.7	0.0	2.4	-0.7	1.7	
N29KUM	66.9	-0.1	0.3	38.1	-0.7	0.4	20.6	-0.6	0.5	19.4	-0.6	0.8	3.8	0.0	0.2	
NYXZNY	69.8	0.1		63.8	0.8		21.6	-0.5		21.7	-0.2					
PKWW77	68.0	0.0	1.3	56.8	0.4	1.4	26.5	0.1	1.0	24.8	0.3	1.3	3.4	-0.2	1.0	
QPMFD2	63.7	-0.4	0.9	50.3	0.0	0.5	25.7	0.0	0.4	26.3	0.5	0.5	7.7	1.8	1.0	
RR42LF	78.7	0.8	0.2	70.0	1.1		27.6	0.3	0.1	27.8	0.8	1.1	3.3	-0.3	0.5	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TJQDKL	57.7	-0.8	0.2	43.0	-0.4	0.3	21.7	-0.5	0.4	18.7	-0.7	0.5	4.0	0.1		
UR2WJB	80.3	0.9	0.6	40.7	-0.5	0.4	24.3	-0.1	1.6	20.3	-0.5	1.8	6.0	1.0	1.7	
WGDABY	58.0	-0.8	0.8	48.0	-0.1	0.3	27.0	0.2	0.6	25.7	0.4	0.5	4.8	0.4	1.3	
XEYU96	94.4	2.0	0.4	72.1	1.3	0.2	33.8	1.1	0.1	32.8	1.5	0.8	1.3	-1.2	0.1	
XFC7BF	73.9	0.4	0.8	62.9	0.7	0.5	27.5	0.3	0.9	27.3	0.7	1.1	4.1	0.1	0.8	
YPCE8R	91.5	1.8	0.0	68.1	1.0	0.2	29.0	0.5	0.2	25.5	0.4	0.0	2.7	-0.6	0.1	
YX9DHD	71.3	0.2	0.2	49.0	0.0	0.6	30.0	0.6	0.6	27.7	0.7	0.5	5.0	0.5		
ZF42QN	51.0	-1.4	0.8	30.3	-1.1	0.2	13.3	-1.6	0.4	14.3	-1.4	0.5	4.3	0.2	1.0	

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	68.3			49.7			25.4			23.2			3.88			
Median Abs Dev	7.9			11.4			4.2			4.1			0.71			
Avg Within Lab SD	2.6			3.0			1.6			1.2			0.59			
Labs Included	32			32			33			33			31			
Labs Reporting	34			34			34			34			33			



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QPMFD2	58.8		0.8	13.1		0.2	5.2		0.3	23.0		0.7	2.9		0.3	
QUFERW	48.8		0.9	17.8		1.7	11.8		1.7	23.8		1.3	1.7		1.7	
WGDABY	48.0		1.2	10.7		0.3	9.5		0.2	21.3		1.0	1.0		0.1	
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	48.8			13.1			9.50			23.0			1.67			
Median Abs Dev																
Avg Within Lab SD	0.8			2.1			1.61			0.6			0.67			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
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			
97CDBD	82.0		1.3	59.4		0.2	38.0		1.3	44.9		1.3	5.0		1.1			
KFYB4F	90.7		0.6	173.3		1.4	48.7		0.6	51.7		0.5	4.3		0.9			
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
Grand Median	86.3			116.4			43.3			48.3			4.63					
Median Abs Dev																		
Avg Within Lab SD	2.0			29.0			2.5			1.1			0.55					
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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
667R8V	206.7	0.0	1.9	284.3	0.4	1.2	69.0	-0.6	1.6	139.3	-0.7	1.4	11.7	0.5	1.5	
7VEVHY	210.3	0.1	1.1	293.3	0.6	0.5	81.7	0.4	0.9	160.7	0.0	1.2	10.5	0.0	0.6	
EL427J	167.3	-1.5	0.5	244.3	-0.5	0.4	63.3	-1.1	0.7	127.3	-1.0	1.4	9.7	-0.4	0.8	
JBLB7N	235.0	1.1	1.2	306.4	0.9	0.8	84.1	0.6	1.0	201.2	1.3	1.0	8.5	-0.9	1.1	
N29KUM	222.1	0.6	0.3	296.7	0.7	0.6	76.5	0.0	1.5	174.7	0.4	0.4	11.7	0.6	0.4	
TEVJP7	174.7	-1.2	0.9	194.3	-1.6	2.2	128.3	4.1X	2.2	9.7	-4.7X	0.4	63.7	23.8X	4.6	
TJQDKL	185.0	-0.9	0.8	250.7	-0.4	0.6	69.3	-0.6	0.2	152.0	-0.3	0.2	8.7	-0.8	0.8	
WGDABY	208.0	0.0	0.4	251.0	-0.4	0.2	95.0	1.5	0.4	194.3	1.0	0.4	14.0	1.6	1.3	

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	207.3			267.7			76.5			160.7			10.5			
Median Abs Dev	18.6			24.5			7.5			21.3			1.3			
Avg Within Lab SD	5.2			4.9			2.3			4.0			0.8			
Labs Included	8			8			7			7			7			
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				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
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
LCWXX2	3.08		0.45	0.43		0.37	1.35		0.95	1.14		1.17	0.03					
R2TT88	28.66		1.34	5.43		1.37	9.63		1.05	14.15		0.79	1.54					1.00
PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
Grand Median	15.9			2.93			5.49			7.65			0.78					
Median Abs Dev																		
Avg Within Lab SD	0.2			0.08			0.06			0.19			0.02					
Labs Included	2			2			2			2			2					
Labs Reporting	2			2			2			2			2					



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
632WAQ	3.55	-0.35	0.13	9.22	0.02	0.69	3.38	-0.81	0.59	4.11	-1.30	0.25	3.83	-0.52	0.45	
667R8V	3.69	-0.32	0.42	4.84	-0.99	0.25	3.69	-0.70	0.47	5.95	-0.74	0.12	1.87	-1.25	0.22	
67433X	18.09	2.66	0.92	25.43	3.79	0.65	14.47	3.13	0.53	15.20	2.07	0.26	9.37	1.53	0.24	
7VEVHY	12.67	1.54	0.88	13.00	0.90	1.10	7.67	0.71	1.00	9.33	0.28	0.76	7.33	0.78	2.39	
97CDBD	5.77	0.11	1.94	8.67	-0.10	0.99	7.13	0.52	1.67	10.50	0.64	1.05	7.80	0.95		
BWY4VJ	15.72	2.17	0.89	18.02	2.07	2.47	8.51	1.01	1.79	14.86	1.96	2.78	9.03	1.41	2.29	
CAZ2GV	3.86	-0.29	0.06	6.98	-0.50	0.13	4.76	-0.32	0.02	8.83	0.13	0.19	1.80	-1.28	0.11	
CWVXUF	15.32	2.09		13.31	0.97		7.78	0.75		9.21	0.25		5.24	0.00		
GA76WG	8.77	0.73	2.07	9.37	0.06	0.55	5.23	-0.15	0.70	7.20	-0.36	0.91	4.80	-0.16	1.03	
HAKLTV	5.20	-0.01	1.31	6.60	-0.58	1.44	6.13	0.17	1.65	6.67	-0.53	0.86	5.00	-0.09	1.03	
JBLB7N	7.30	0.43	0.56	10.03	0.21	0.55	8.14	0.88	0.91	9.51	0.34	0.90	7.35	0.78	0.29	
JZRX9C	5.24	0.00	0.60	7.02	-0.49	1.51	5.49	-0.06	0.55	9.31	0.28	0.72	6.38	0.42	1.17	
KFYB4F	3.97	-0.26	0.54	7.33	-0.41	0.77	4.43	-0.44	0.44	8.40	0.00	0.70	1.87	-1.25	0.18	
N29KUM	4.00	-0.26		9.67	0.13	0.64	3.33	-0.83	1.00	5.00	-1.03		3.67	-0.58	0.90	
PKWW77	3.17	-0.43	1.24	7.17	-0.45	1.52	4.30	-0.49	1.84	6.83	-0.48	1.94	2.70	-0.94	0.78	
RR42LF	4.94	-0.06	0.06	9.11	0.00	0.02	5.70	0.01	0.05	7.41	-0.30	0.02	5.27	0.01	0.05	
TJQDKL	4.03	-0.25	0.09	7.07	-0.47	0.13	4.30	-0.49	0.00	4.60	-1.16	0.13	3.60	-0.61	0.00	
UR2WJB	5.00	-0.05		9.00	-0.03		5.67	0.00	1.00	8.00	-0.12		6.00	0.28		
XFC7BF	8.50	0.67	0.15	13.00	0.90	0.19	8.50	1.01	0.46	11.93	1.07	0.27	6.77	0.57	0.24	
YX9DHD	6.67	0.29	0.88	5.33	-0.88	0.64	10.33	1.66	1.00	10.33	0.59	0.76	5.67	0.16	0.90	
ZF42QN	11.00	1.19	1.53	10.00	0.21		5.67	0.00	1.00	6.67	-0.53	0.76	3.67	-0.58	0.90	



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	5.24	9.11	5.67	8.40	5.24	
Median Abs Dev	1.55	2.05	1.47	1.73	1.57	
Avg Within Lab SD	0.65	0.91	0.58	0.76	0.64	
Labs Included	21	21	21	21	21	
Labs Reporting	21	21	21	21	21	



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

Data units: mg/kg

WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27D3A3	352.7	-1.8	0.5	123.0	-0.8	0.3	162.7	-1.1	0.6	371.7	-0.9	0.2	71.7	-0.9	1.0
3GRCDM	530.7	1.7	0.6	168.3	-0.2	0.5	170.0	-0.9	0.7	453.3	-0.3	0.9	90.4	0.4	0.7
3UZ3DA	487.0	0.8	1.4	179.3	0.0	3.3	209.0	-0.2	2.0	488.7	0.0	0.8	90.6	0.4	0.8
4G8ZB8	507.3	1.3	0.2	239.7	0.9	0.4	266.0	1.0	0.5	627.7	1.1	0.2	81.3	-0.2	0.5
667R8V	439.5	-0.1	0.8	153.3	-0.4	1.2	209.7	-0.1	0.4	413.3	-0.6	0.5	83.1	-0.1	1.1
68ZFPQ	445.3	0.0	0.1	127.3	-0.8	0.2	214.3	0.0	0.2	489.0	0.0	0.1	89.3	0.3	0.4
7VEVHY	423.3	-0.4	0.6	163.0	-0.2	1.0	186.0	-0.6	2.3	414.3	-0.6	1.5	92.7	0.6	0.8
8WPZU3	375.1	-1.4	0.9	127.6	-0.8	0.7	168.4	-1.0	2.3	370.0	-0.9	0.6	75.1	-0.7	1.4
97CDBD	518.7	1.5	0.2	270.0	1.4	1.6	268.7	1.0	2.3	633.3	1.1	0.3			
97NAFH	464.9	0.4	0.0	237.5	0.9	0.3	244.3	0.5	0.8	593.1	0.8	0.4	78.3	-0.5	0.4
AVLC43	469.3	0.5	0.6	232.0	0.8	0.8	241.7	0.5	0.8	554.7	0.5	0.6	70.0	-1.0	0.3
BWWDRL	448.2	0.1	1.0	201.8	0.3	0.8	250.1	0.7	1.2	567.5	0.6	1.3	84.9	0.0	0.6
BZXGJ9	371.8	-1.4	0.9	198.1	0.3	0.8	213.8	-0.1	0.8	535.0	0.4	1.1	67.5	-1.2	0.7
C94NU3	491.3	0.9	0.5	234.7	0.8	0.2	257.1	0.8	0.3	590.1	0.8	0.3	86.2	0.1	0.2
CAZ2GV	471.5	0.5	0.5	230.4	0.8	0.7	245.8	0.6	0.9	595.2	0.8	0.9	74.4	-0.7	0.4
CVZFUJ	454.8	0.2	0.0	158.3	-0.3	0.0	228.2	0.2	0.0	450.6	-0.3	0.0	89.0	0.3	0.0
DNU9NV	402.1	-0.8	0.2	146.3	-0.5	0.9	159.4	-1.1	0.3	403.9	-0.7	2.3	100.8	1.1	2.3
DP8FCX	425.4	-0.4	0.5	127.1	-0.8	0.4	190.7	-0.5	0.4	436.7	-0.4	0.7	82.8	-0.1	0.4
E9JJDF	404.1	-0.8	0.5	135.5	-0.7	0.6	158.4	-1.1	1.0	362.3	-1.0	0.3	81.0	-0.3	0.5
EL427J	431.0	-0.3	1.2	142.3	-0.6	0.9	173.7	-0.8	0.7	417.7	-0.6	0.7	76.9	-0.6	0.8
FJX2KD	504.6	1.2	0.9	262.2	1.2	0.2	263.0	0.9	0.4	656.1	1.3	3.0	84.7	0.0	0.3
GA76WG	419.8	-0.5	0.5	151.7	-0.4	0.2	192.9	-0.5	0.6	426.6	-0.5	0.4	89.8	0.4	0.8
GK293W	395.8	-1.0	1.2	157.1	-0.3	1.7	175.8	-0.8	0.9	427.6	-0.5	1.9	38.8	-3.3	0.3
HAKLTV	433.0	-0.2	2.1	132.3	-0.7	0.6	193.3	-0.5	1.0	409.7	-0.6	1.2	91.3	0.5	0.5
HLE8VJ	465.2	0.4	0.2	268.9	1.3	0.6	290.4	1.4	0.3	629.0	1.1	0.0	89.8	0.4	0.6
JBLB7N	461.0	0.3	0.2	156.6	-0.3	0.2	205.2	-0.2	0.4	463.0	-0.2	0.4	87.0	0.2	0.6



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JC7UDF	443.7	0.0	0.7	235.2	0.8	0.4	240.5	0.5	0.2	574.9	0.7	0.1	84.9	0.0	0.2		
JWQRU7	407.3	-0.7	0.1	137.2	-0.6	0.9	148.6	-1.3	1.2	354.3	-1.0	0.2	73.4	-0.8	0.9		
JZR9C	441.3	-0.1	1.4	155.7	-0.4	1.2	197.7	-0.4	0.4	477.3	-0.1	1.3	86.0	0.1	0.6		
KCY8CT	441.7	-0.1	0.6	230.6	0.8	0.6	241.2	0.5	0.6	581.2	0.7	0.9	85.6	0.1	0.9		
KFYB4F	426.7	-0.4	0.9	223.3	0.7	0.8	240.0	0.5	1.6	543.3	0.4	1.1	76.0	-0.6	1.8		
LCWXX2	498.4	1.1	1.8	281.5	1.5	2.9	232.4	0.3	0.3	233.2	-2.0	0.1	530.9	31.6X	3.5		
N29KUM	379.7	-1.3	0.9	126.3	-0.8	0.4	161.7	-1.1	0.5	346.0	-1.1	0.8	79.0	-0.4	1.2		
NYXZNY	619.0	3.5X		308.0	1.9		352.0	2.7		752.0	2.1		97.0	0.9			
PKWW77	451.0	0.1	0.9	214.7	0.5	0.2	246.0	0.6	1.7	574.3	0.7	0.9	78.3	-0.5	1.3		
QPMFD2	440.0	-0.1	1.0	218.7	0.6	0.6	231.0	0.3	0.4	552.7	0.5	0.6	76.0	-0.6	1.7		
RR42LF	490.9	0.9	0.2	270.6	1.4	0.9	283.6	1.3	0.6	625.2	1.1	0.3	100.1	1.1	0.1		
TEVJP7	573.0	2.6	2.0	181.0	0.0	0.4	553.3	6.6X	3.7	103.7	-3.0X	0.8	196.3	7.9	2.2		
TJQDKL	415.0	-0.6	0.2	133.0	-0.7	0.1	179.3	-0.7	0.3	429.0	-0.5	0.3	89.3	0.3	0.2		
UR2WJB	451.0	0.1	0.6	138.7	-0.6	2.0	189.0	-0.5	0.7	403.3	-0.7	0.9	88.3	0.3	2.5		
X3RNHC	412.0	-0.6	0.1	145.1	-0.5	0.1	195.1	-0.4	0.1	425.2	-0.5	0.8	84.0	-0.1	0.1		
XEYU96	453.3	0.2	3.6	191.0	0.2	1.3	241.3	0.5	0.4	561.7	0.6	0.2	76.7	-0.6	0.4		
XFC7BF	458.5	0.3	0.5	250.5	1.1	0.1	250.1	0.7	0.7	542.7	0.4	0.3	85.1	0.0	0.7		
YPCE8R	409.1	-0.7	0.3	204.5	0.4	0.1	219.2	0.0	0.7	506.8	0.1	0.5	75.4	-0.7	0.5		
YX9DHD	491.7	0.9	0.9	176.3	0.0	0.2	224.0	0.1	1.1	511.3	0.2	1.8	92.7	0.6	0.4		
ZAH9C4	467.6	0.5	0.8	239.9	0.9	1.1	242.4	0.5	0.3	568.3	0.6	2.2	77.9	-0.5	1.1		
ZF42QN	405.7	-0.8	0.9	128.7	-0.8	0.8	165.7	-1.0	1.9	406.7	-0.6	0.1	81.0	-0.3	2.0		



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	444.5	179.3	216.8	488.8	84.7	
Median Abs Dev	25.9	44.0	28.4	78.9	5.9	
Avg Within Lab SD	13.5	6.8	6.1	13.4	3.0	
Labs Included	46	47	46	46	45	
Labs Reporting	47	47	47	47	46	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	4,179.3	-0.3	0.1	2,092.7	-0.7	0.5	1,302.0	-1.2	0.5	1,455.0	-0.8	0.7	306.3	-0.9	0.4	
3GRCDM	5,419.7	0.8	0.3	2,617.7	-0.1	0.4	1,412.3	-0.9	0.3	1,857.7	0.1	0.7	419.3	0.9	0.2	
3UZ3DA	5,465.7	0.9	0.8	2,773.3	0.1	3.4	1,749.0	0.0	2.2	1,795.7	-0.1	1.2	393.7	0.5	2.0	
4G8ZB8	3,525.7	-0.9	0.2	2,762.0	0.1	0.2	1,853.0	0.3	1.0	2,004.7	0.4	1.4	317.0	-0.7	1.2	
667R8V	4,598.7	0.1	0.1	2,147.3	-0.7	1.0	1,582.7	-0.5	0.0	1,445.7	-0.8	0.3	389.4	0.4	0.2	
68ZFPQ	3,774.0	-0.7	0.0	2,054.0	-0.8	0.1	1,565.7	-0.5	0.1	1,651.7	-0.4	0.1	385.0	0.4	0.2	
7VEVHY	5,195.0	0.6	0.5	2,356.7	-0.4	1.1	1,544.3	-0.6	0.2	1,643.3	-0.4	1.7	350.0	-0.2	1.6	
8WPZU3	3,685.8	-0.7	0.1	1,882.6	-1.0	1.2	1,375.4	-1.0	2.1	1,376.2	-1.0	0.3	339.6	-0.4	0.5	
97CDBD	5,150.3	0.6	1.0	3,654.0	1.1	1.1	2,044.7	0.8	1.9	2,278.0	1.0	1.1	330.3	-0.5	0.5	
97NAFH	5,175.4	0.6	0.1	3,723.5	1.2	0.5	1,950.2	0.5	0.3	2,113.5	0.7	0.3	331.9	-0.5	0.2	
AVLC43	4,886.7	0.3	0.3	3,216.7	0.6	0.6	1,740.0	0.0	0.5	1,836.7	0.0	0.7	286.7	-1.2	0.2	
BWWDRL	3,530.1	-0.9	0.1	2,655.9	-0.1	0.5	1,791.3	0.1	0.6	1,935.3	0.3	0.6	352.9	-0.2	0.1	
BZXGJ9	3,319.2	-1.1	0.3	2,826.9	0.1	0.8	1,755.3	0.0	1.6	2,008.6	0.4	1.0	329.3	-0.5	0.7	
C94NU3	3,956.0	-0.5	0.1	2,846.7	0.2	0.1	1,868.5	0.3	1.0	1,939.4	0.3	0.1	311.1	-0.8	0.1	
CAZ2GV	4,354.3	-0.1	0.6	3,779.5	1.3	1.9	2,059.9	0.8	0.6	2,366.4	1.2	1.2	363.7	0.0	0.4	
DNU9NV	3,469.7	-0.9	6.0	1,988.0	-0.9	0.4	1,387.3	-1.0	0.6	1,345.0	-1.1	1.5	396.6	0.5	1.7	
DP8FCX	4,116.1	-0.3	0.1	2,773.6	0.1	0.6	1,444.5	-0.8	0.0	1,505.9	-0.7	0.6	460.0	1.6	2.0	
E9JJDF	3,682.1	-0.7	0.4	1,812.3	-1.1	0.6	1,409.3	-0.9	1.1	1,540.6	-0.6	0.1	440.4	1.3	0.8	
EL427J	4,506.7	0.0	0.3	2,123.3	-0.7	0.3	1,425.7	-0.9	1.1	1,467.0	-0.8	1.2	362.3	0.0	1.0	
FJX2KD	7,195.7	2.4	0.5	4,175.8	1.7	0.5	2,131.0	1.0	0.3	2,384.5	1.3	1.4	371.3	0.1	0.4	
GA76WG	5,145.8	0.6	0.6	2,349.2	-0.4	0.4	1,592.4	-0.4	0.9	1,617.2	-0.5	0.9	398.9	0.6	0.4	
GK293W	3,416.1	-1.0	0.4	2,748.4	0.0	1.3	1,883.3	0.4	0.9	2,045.1	0.5	1.0	294.9	-1.1	1.1	
HAKLTV	4,757.0	0.2	0.7	1,971.0	-0.9	0.8	1,456.0	-0.8	1.5	1,366.3	-1.0	1.9	367.7	0.1	0.8	
HLE8VJ	5,686.0	1.0	0.2	3,706.1	1.2	0.3	1,860.0	0.3	0.5	2,028.5	0.5	0.1	316.7	-0.8	0.1	
JBLB7N	5,443.3	0.8	0.2	2,134.3	-0.7	0.7	1,649.0	-0.3	0.5	1,768.0	-0.1	1.0	376.7	0.2	0.5	
JC7UDF	345.4	-3.7X	0.0	267.0	-2.9X	0.0	174.5	-4.3X	0.0	339.5	-3.3X	0.0	84.3	-4.5X	0.0	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JWQRU7	3,562.2	-0.8	0.2	1,823.2	-1.0	0.9	1,212.6	-1.5	0.5	1,242.7	-1.3	0.5	375.8	0.2	1.4	
JZRX9C	4,945.0	0.4	0.3	1,953.8	-0.9	0.5	1,297.9	-1.2	1.3	1,454.7	-0.8	2.7	307.3	-0.9	0.9	
KCY8CT	353.1	-3.7X	0.0	269.7	-2.9X	0.1	171.5	-4.3X	0.1	341.4	-3.3X	0.1	84.7	-4.5X	0.1	
KFYB4F	5,066.7	0.5	0.5	3,733.3	1.2	0.6	1,900.0	0.4		2,000.0	0.4		286.7	-1.2	1.1	
LCWXX2	4,073.2	-0.4	0.4	3,197.3	0.6	0.7	1,811.3	0.2	1.2	1,953.3	0.3	0.3	360.6	0.0	0.2	
N29KUM	2,980.0	-1.4	0.2	1,716.7	-1.2	0.6	1,343.3	-1.1	0.3	1,276.7	-1.2	0.9	276.7	-1.4	1.8	
PKWW77	3,149.0	-1.2	0.3	2,516.7	-0.2	0.3	1,786.7	0.1	0.9	1,934.3	0.3	0.9	328.3	-0.6	1.0	
QPMFD2	4,773.3	0.2	0.2	3,273.3	0.7	1.1	1,933.3	0.5	0.8	1,986.3	0.4	2.2	393.3	0.5	2.9	
RR42LF	3,767.8	-0.7	0.1	3,064.5	0.4	0.1	1,990.6	0.7	0.3	2,146.0	0.7	0.1	413.1	0.8	0.3	
TEVJP7	5,660.7	1.0	0.1	2,694.3	0.0	1.2	1,967.3	0.6	0.6	511.3	-2.9	0.2	1,607.7	20.2X	1.8	
TJQDKL	4,168.0	-0.3	0.0	2,750.7	0.1	0.6	1,410.0	-0.9	0.1	1,589.3	-0.5	0.2	410.7	0.8	0.1	
UR2WJB	3,703.0	-0.7	0.3	1,841.7	-1.0	1.8	1,364.7	-1.0	0.5	1,328.7	-1.1	0.6	346.3	-0.3	0.3	
X3RNHC	4,423.7	-0.1	0.1	2,173.0	-0.6	0.4	1,594.0	-0.4	0.2	1,692.0	-0.3	0.2	410.9	0.8	0.2	
XEYU96	5,073.3	0.5	0.9	3,043.3	0.4	1.5	1,941.0	0.5	0.7	2,065.7	0.5	0.1	373.0	0.2	1.8	
XFC7BF	4,876.4	0.3	0.3	3,370.7	0.8	1.0	1,946.9	0.5	0.7	2,015.4	0.4	0.2	374.4	0.2	0.5	
YPCE8R	5,376.9	0.8	0.2	3,643.6	1.1	0.2	2,302.2	1.5	1.5	1,819.9	0.0	0.3	367.9	0.1	0.5	
YX9DHD	5,800.0	1.1	0.3	2,706.7	0.0	0.3	1,916.7	0.5	1.9	2,066.7	0.6	1.1	484.0	2.0	1.0	
ZAH9C4	5,743.6	1.1	1.1	3,744.7	1.2	2.0	1,946.2	0.5	1.1	2,076.7	0.6	1.1	332.4	-0.5	0.2	
ZF42QN	3,949.3	-0.5	0.3	1,402.0	-1.5	1.0	884.3	-2.4	1.3	962.0	-1.9	0.1	150.3	-3.4	0.6	

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	4,506.7			2,706.7			1,749.0			1,819.9			363.0			
Median Abs Dev	732.7			572.3			201.2			245.8			33.1			
Avg Within Lab SD	320.4			91.6			54.5			54.9			14.3			
Labs Included	43			43			43			43			42			
Labs Reporting	45			45			45			45			45			



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	328.7	-0.1	0.3	169.7	-0.8	1.0	114.7	-0.8	0.5	235.0	-0.8	1.0	70.3	-0.6	0.8	
3GRCDM	396.0	1.5	0.5	196.0	-0.4	0.6	116.0	-0.8	0.2	290.0	0.1	0.8	91.6	0.9	0.5	
3UZ3DA	372.0	0.9	1.8	224.7	0.0	1.4	143.7	0.0	1.6	286.3	0.0	1.1	85.7	0.5	0.9	
4G8ZB8	326.0	-0.2	0.5	226.0	0.1	0.3	142.0	0.0	0.4	300.7	0.2	0.2	66.3	-0.9	0.4	
667R8V	331.0	-0.1	0.8	191.7	-0.5	1.3	135.7	-0.2	0.1	234.5	-0.8	0.6	79.5	0.1	0.8	
68ZFPQ	314.3	-0.5	0.1	150.7	-1.1	0.1	122.0	-0.6	0.2	247.7	-0.6	0.3	85.8	0.5	0.1	
7VEVHY	326.0	-0.2	0.2	187.7	-0.5	0.8	130.3	-0.3	1.5	244.0	-0.6	1.6	93.3	1.0	0.9	
8WPZU3	316.4	-0.4	0.4	164.2	-0.9	1.2	122.9	-0.6	1.9	225.4	-0.9	0.3	76.6	-0.1	0.7	
97CDBD	373.7	0.9	1.2	301.0	1.2	1.6	165.0	0.7	2.1	348.0	0.9	1.1	69.7	-0.6	1.1	
97NAFH	350.6	0.4	0.1	271.2	0.8	0.4	155.4	0.4	0.5	330.1	0.7	0.3	69.6	-0.6	0.4	
AVLC43	340.7	0.2	0.7	243.7	0.3	0.6	140.7	0.0	0.5	288.0	0.0	0.5	59.7	-1.3	0.4	
BWWDRL	319.4	-0.4	1.4	225.9	0.1	0.9	146.4	0.1	0.9	305.2	0.3	1.1	76.2	-0.2	0.4	
BZXGJ9	264.7	-1.7	0.6	213.6	-0.1	0.6	131.8	-0.3	1.0	279.0	-0.1	0.9	60.3	-1.3	0.6	
C94NU3	330.0	-0.1	0.1	240.8	0.3	0.1	147.4	0.2	0.2	309.7	0.3	0.3	67.9	-0.8	0.3	
CAZ2GV	348.1	0.3	1.2	271.3	0.8	0.8	155.2	0.4	0.8	333.5	0.7	1.0	69.8	-0.6	0.3	
DNU9NV	318.0	-0.4	1.7	171.7	-0.8	0.1	124.3	-0.5	0.3	235.4	-0.8	1.5	81.4	0.2	1.0	
DP8FCX	336.6	0.1	0.4	202.8	-0.3	0.5	128.4	-0.4	0.2	245.2	-0.6	0.7	83.5	0.3	0.6	
E9JJDF	339.5	0.1	0.6	166.9	-0.9	0.9	135.6	-0.2	0.4	257.7	-0.4	0.7	91.2	0.9	0.4	
EL427J	332.0	0.0	0.5	177.0	-0.7	0.5	127.0	-0.4	0.7	237.0	-0.7	0.4	85.1	0.5	0.4	
FJX2KD	387.2	1.3	1.0	308.6	1.4	0.4	167.8	0.8	0.2	369.7	1.2	2.3	79.7	0.1	0.8	
GA76WG	343.7	0.2	0.9	195.7	-0.4	0.6	155.6	0.4	1.2	260.3	-0.4	1.0	93.0	1.0	0.8	
GK293W	328.5	-0.1	0.4	227.5	0.1	1.1	145.0	0.1	1.0	296.0	0.1	1.1	56.9	-1.5	1.3	
HAKLTV	350.0	0.4	0.2	176.7	-0.7	0.4	134.3	-0.2	1.2	241.0	-0.7	1.1	76.7	-0.1	1.4	
HLE8VJ	461.7	3.1	1.8	350.6	2.0	0.6	193.2	1.5	0.3	436.0	2.2	0.2	88.0	0.7	0.6	
JBLB7N	380.8	1.1	0.4	169.4	-0.8	0.5	135.6	-0.2	0.3	278.0	-0.1	0.5	80.7	0.2	0.3	
JC7UDF	4,384.3	96.9X	4.5	3,435.7	50.6X	13.6	2,083.7	56.7X	1.4	2,227.3	28.9X	0.2	405.7	23.0X	2.8	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JWQRU7	316.6	-0.4	0.3	164.6	-0.9	0.9	107.8	-1.0	1.0	202.6	-1.2	0.9	78.6	0.0	1.4	
JZR9C	296.2	-0.9	0.6	142.4	-1.2	0.5	96.5	-1.3	1.3	211.8	-1.1	1.9	67.9	-0.8	0.6	
KCY8CT	4,269.7	94.1X	15.3	3,425.0	50.4X	24.9	2,044.0	55.6X	20.3	2,218.3	28.8X	9.2	407.0	23.1X	5.7	
KFYB4F	313.3	-0.5	1.2	250.0	0.4	1.3	143.3	0.0	1.2	293.3	0.1	1.4	67.0	-0.8	1.5	
LCWXX2	319.7	-0.3	0.1	243.1	0.3	0.8	149.3	0.2	1.4	286.8	0.0	0.6	76.4	-0.2	1.3	
N29KUM	304.3	-0.7	0.6	157.7	-1.0	0.9	106.3	-1.0	0.3	211.0	-1.1	0.6	66.3	-0.9	1.8	
PKWW77	325.7	-0.2	0.8	225.7	0.1	0.7	146.0	0.1	0.7	318.0	0.5	1.2	68.7	-0.7	1.2	
QPMFD2	359.0	0.6	0.7	270.0	0.8	0.9	165.0	0.7	1.4	315.7	0.4	2.6	84.7	0.4	0.0	
RR42LF	370.3	0.9	0.3	284.7	1.0	0.2	173.8	0.9	0.4	365.6	1.2	0.2	83.7	0.4	0.3	
TEVJP7	446.7	2.7	0.4	221.7	0.0	0.3	318.7	5.2	1.9	109.0	-2.6	0.4	145.7	4.7	2.4	
TJQDKL	303.3	-0.7	0.1	180.3	-0.7	0.1	106.3	-1.0	0.5	230.7	-0.8	0.4	72.7	-0.4	1.0	
UR2WJB	336.7	0.1	0.5	160.0	-1.0	1.9	122.0	-0.6	0.8	226.7	-0.9	0.6	78.0	0.0	0.4	
X3RNHC	334.1	0.0	0.1	183.2	-0.6	0.2	140.1	-0.1	0.2	263.2	-0.3	0.3	84.8	0.4	0.1	
XEYU96	386.7	1.3	3.4	246.3	0.4	0.9	240.0	2.9		340.0	0.8		86.3	0.5	0.6	
XFC7BF	332.8	0.0	0.5	269.2	0.7	0.4	159.9	0.5	0.7	318.0	0.5	0.2	80.2	0.1	0.5	
YPCE8R	395.5	1.5	0.3	307.2	1.3	0.7	170.6	0.8	1.2	340.1	0.8	0.9	84.2	0.4	0.6	
YX9DHD	404.7	1.7	0.1	236.3	0.2	1.0	172.3	0.9	0.7	320.3	0.5	1.3	101.3	1.6	1.2	
ZAH9C4	382.9	1.2	2.7	291.1	1.1	3.9	166.1	0.7	2.0	336.8	0.8	0.9	74.9	-0.3	2.7	
ZF42QN	303.0	-0.7	0.7	149.7	-1.1	0.7	109.0	-1.0	0.8	219.0	-1.0	0.1	65.7	-0.9	1.6	

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	334.1			221.7			142.0			286.3			78.6			
Median Abs Dev	17.4			45.0			17.7			43.7			7.7			
Avg Within Lab SD	9.7			7.9			4.9			8.4			2.8			
Labs Included	43			43			43			43			43			
Labs Reporting	45			45			45			45			45			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27D3A3	8.0	-0.2	0.1	10.7	-0.1	0.3	8.0	-1.1	0.3	9.0	-0.9	0.1	8.2	-0.5	0.2		
3GRCDM	34.6	3.2	2.9	26.7	2.1	0.0	29.1	1.5	0.8	33.2	2.1	0.8	30.5	2.3	1.0		
3UZ3DA	13.2	0.5	2.3	13.8	0.4	1.9	17.2	0.1	2.2	21.0	0.6	1.7	20.5	1.0	1.7		
4G8ZB8	10.3	0.1	0.6	12.0	0.1	1.0	17.3	0.1	1.1	18.3	0.2	0.8	10.7	-0.2	1.2		
667R8V	5.9	-0.4	0.4	11.0	0.0	0.3	14.5	-0.2	0.9	11.9	-0.6	0.3	12.0	-0.1	0.9		
7VEVHY	5.0	-0.5	0.6	6.3	-0.6	0.3	10.7	-0.7	1.1	12.3	-0.5	0.8	8.3	-0.5	0.7		
8WPZU3	11.6	0.3	0.4	12.0	0.1	0.5	16.4	0.0	0.3	17.0	0.1	0.4	13.8	0.2	0.2		
AVLC43	66.3	7.1X	0.6	45.7	4.7	1.2	41.0	3.0	0.7	45.3	3.6	3.5	21.7	1.2	0.9		
BWWDRL	30.9	2.7	2.5	17.0	0.8	2.3	30.0	1.7	0.6	29.4	1.6	1.0	30.5	2.3	1.1		
BZXGJ9	2.3	-0.9	0.1	5.1	-0.8	0.6	10.8	-0.7	1.7	12.8	-0.5	0.6	4.8	-1.0	0.3		
C94NU3	7.9	-0.2	0.6	19.9	1.2	0.2	25.9	1.2	0.5	25.2	1.1	0.5	16.0	0.5	0.3		
CAZ2GV	4.5	-0.6	0.1	8.5	-0.3	0.2	12.5	-0.5	0.6	15.5	-0.1	0.2	8.0	-0.6	0.8		
DNU9NV	53.1	5.5	1.2	23.0	1.6	2.3	39.2	2.8	1.2	5.1	-1.4	1.6	30.9	2.3	1.8		
E9JJDF	8.2	-0.1	0.4	8.3	-0.4	0.2	15.0	-0.2	0.7	15.7	-0.1	0.6	12.3	0.0	0.6		
EL427J	8.5	-0.1	0.1	8.8	-0.3	0.2	14.0	-0.3	0.3	14.7	-0.2	0.3	11.2	-0.2	0.3		
FJX2KD	13.4	0.5	1.4	17.8	0.9	1.1	23.3	0.8	1.3	24.9	1.1	1.1	18.5	0.8	1.6		
GA76WG	9.2	0.0	0.3	8.3	-0.4	0.2	15.3	-0.2	0.3	15.8	-0.1	0.2	16.7	0.5	0.2		
GK293W	8.8	0.0	1.0	10.7	-0.1	2.0	14.2	-0.3	2.0	15.2	-0.2	0.8	7.4	-0.6	1.1		
HAKLTV	12.0	0.3	0.6	10.0	-0.1	0.6	17.0	0.1	0.7	16.0	-0.1	0.5	10.0	-0.3	0.6		
HLE8VJ	1.5	-1.0	0.1	2.3	-1.2	0.2	2.6	-1.7	0.2	1.7	-1.9	0.2	3.0	-1.2	0.4		
JBLB7N	12.1	0.4	1.1	13.3	0.3	1.0	19.4	0.4	1.6	21.0	0.6	0.9	15.0	0.3	1.0		
JWQRU7	8.8	0.0	0.5	10.0	-0.1	0.4	13.4	-0.4	0.7	13.3	-0.4	0.4	12.1	0.0	0.4		
JZRX9C	4.4	-0.6	0.2	5.0	-0.8	0.5	7.2	-1.1	0.5	7.7	-1.1	1.3	5.2	-0.9	0.4		
KFYB4F	10.2	0.1	0.4	21.3	1.4	2.1	19.0	0.3	1.5	23.0	0.8	1.5	14.3	0.2	2.1		
LCWXX2	6.0	-0.4	0.6	9.6	-0.2	0.4	13.3	-0.4	0.7	14.6	-0.2	0.6	8.0	-0.6	0.4		
N29KUM	17.0	1.0	1.0	18.7	1.0	0.9	16.7	0.0	0.4	18.3	0.2	0.3	17.7	0.7	0.9		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups																Data units: mg/kg
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PKWW77	8.3	-0.1	0.3	12.0	0.1	1.2	17.0	0.1	1.5	17.7	0.1	0.6	12.7	0.0	1.2	
QPMFD2	10.7	0.2	1.5	13.0	0.3	0.8	16.9	0.0	1.0	19.2	0.3	1.7	20.7	1.0	2.3	
RR42LF	6.5	-0.3	0.0	7.5	-0.5	0.0	12.7	-0.5	0.1	15.5	-0.1	0.2	8.9	-0.5	0.0	
TEVJP7	14.0	0.6	0.6	11.0	0.0	0.6	19.7	0.4	1.1	14.7	-0.2	1.2	19.0	0.8	1.5	
TJQDKL	11.3	0.3	0.5	13.5	0.3	0.7	18.8	0.3	0.4	18.9	0.3	0.2	16.0	0.5	0.1	
UR2WJB	7.3	-0.2	0.3	8.7	-0.3	0.3	13.7	-0.4	0.4	13.7	-0.4	0.3	10.3	-0.3	0.3	
XEYU96	10.0	0.1		70.0	8.0X		9.0	-0.9		20.3	0.5	0.3	11.7	-0.1	0.3	
XFC7BF	14.9	0.7	1.2	17.5	0.9	1.4	18.9	0.3	1.1	21.2	0.6	0.9	15.1	0.3	1.4	
YPCE8R	5.4	-0.5	0.1	10.0	-0.1	0.2	14.8	-0.2	0.2	17.1	0.1	0.3	6.8	-0.7	0.2	
YX9DHD	18.0	1.1	1.0	17.7	0.9	0.3	29.3	1.6	1.1	26.3	1.2	0.8	21.0	1.1	0.6	
ZAH9C4	72.0	7.8X	21.4	82.2	9.6X	26.3	80.6	7.9X	26.9	83.0	8.4X	20.7	78.5	8.4X	24.9	

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups																Data units: mg/kg
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	9.22			11.0			16.5			16.5			12.5			
Median Abs Dev	2.89			2.7			3.0			3.4			4.2			
Avg Within Lab SD	1.80			1.7			1.4			2.0			1.7			
Labs Included	35			35			36			36			36			
Labs Reporting	37			37			37			37			37			



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
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
GA76WG	276.2		0.3	107.5		0.4	136.7		0.2	325.6		0.3	80.2		0.2			
PKVQFJ	311.0		1.4	98.8		1.4	164.4		1.4	394.8		1.4	74.2		1.4			
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
Grand Median	293.6			103.1			150.6			360.2			77.2					
Median Abs Dev																		
Avg Within Lab SD	3.7			1.8			3.1			4.6			1.5					
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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
DNU9NV	374.9		1.0	136.2		0.2	177.3		0.2	392.6		0.4	81.3		0.3	
WGDABY	344.0		1.0	180.0		1.4	206.3		1.4	469.7		1.4	79.3		1.4	
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	359.5			158.1			191.8			431.2			80.3			
Median Abs Dev																
Avg Within Lab SD	4.4			7.1			9.0			8.1			3.3			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
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			
QUFERW	409.5		1.0	212.5		1.0	223.7		1.0	535.7		1.0	68.0		1.0			

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
Grand Median	409.5			212.5			223.7			535.7			68.0					
Median Abs Dev																		
Avg Within Lab SD	7.4			0.9			3.8			14.6			1.8					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
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			
QUFERW	13,961.0		1.0	5,229.2		1.0	1,768.3		1.0	2,014.8		1.0	285.7		1.0			

Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
Grand Median	13,961.0			5,229.2			1,768.3			2,014.8			285.7					
Median Abs Dev																		
Avg Within Lab SD	504.1			58.3			4.2			10.1			6.8					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
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
AW39XM													1.61	0.01		6.86		0.09
JBLB7N	0.15		0.07	0.26		1.18	0.25		0.16	0.21		0.21	0.21		0.21	7.38		1.84
LRA7X6	1.20		1.72	0.90		0.00	1.20		1.69	1.50		1.95	1.50		1.95	20.39		0.76
WGDABY	0.77		0.19	0.33		1.27	0.60		0.33	0.60		0.38	0.60		0.38	7.20		0.15
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
Grand Median	0.77			0.33			0.60			1.05			7.29					
Median Abs Dev																		
Avg Within Lab SD	0.30			0.05			0.31			0.27			0.68					
Labs Included	3			3			3			4			4					
Labs Reporting	3			3			3			4			4					



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
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
AV7VBU	16.8		0.9	14.2		1.7	35.2		1.5	155.7		1.9	4.5					
AW39XM	20.0		0.7	29.6		0.6	32.6		0.2	145.9		0.2	3.9		0.3			
BWY4VJ	26.5		1.7	47.0		0.8	36.1		1.0	152.5		0.3	5.3		1.7			
KCY8CT	20.7		0.0	19.5		0.2	35.4		0.8	167.6		0.3	3.9		0.1			
Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
Grand Median	20.3			24.6			35.3			154.1			4.21					
Median Abs Dev																		
Avg Within Lab SD	2.4			4.2			1.3			8.4			0.81					
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				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
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
AV7VBU	156.3		0.5	84.7		0.5	121.8		0.8	315.2		1.9	59.7		0.3			
AW39XM	159.2		0.7	88.4		0.2	125.5		0.2	322.3		0.6	59.5		0.4			
BWY4VJ	179.2		1.6	87.1		1.9	120.8		1.5	313.0		0.4	60.5		1.7			
KCY8CT	160.1		0.7	92.2		0.3	121.9		1.1	324.5		0.0	56.1		0.8			
Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
Grand Median	159.7			87.8			121.9			318.7			59.6					
Median Abs Dev																		
Avg Within Lab SD	9.1			4.3			2.8			8.0			2.4					
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		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
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	
AV7VBU	4,316.8		0.4	3,264.5		0.6	1,471.3		0.2	1,839.0		1.0	349.2		0.2	
AW39XM	4,409.1		0.8	3,230.2		0.4	1,456.3		1.3	1,817.2		0.7	328.6		0.6	
BWY4VJ	5,518.1		1.6	3,609.2		1.8	1,462.3		0.6	1,852.7		1.6	407.2		1.8	
KCY8CT	4,506.5		0.8	3,406.5		0.4	1,480.3		1.4	1,921.7		0.3	343.1		0.5	
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	4,457.8			3,335.5			1,466.8			1,845.8			346.1			
Median Abs Dev																
Avg Within Lab SD	223.5			147.1			21.0			50.4			19.9			
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				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
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
AV7VBU	250.3		0.6	315.2		1.5	113.0		0.2	242.5		0.8	70.8		0.1			
AW39XM	318.7		0.8	396.1		0.3	120.9		0.9	282.0		1.1	74.1		0.8			
BWY4VJ	302.4		1.7	282.0		1.1	110.0		1.5	236.4		1.4	73.2		1.8			
KCY8CT	285.1		0.5	361.3		0.7	110.5		0.9	247.8		0.2	69.5		0.5			
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
														SRS1715				
SRS1711				SRS1712				SRS1713				SRS1714						
Grand Median	293.7			338.2			111.7			245.2			72.0					
Median Abs Dev																		
Avg Within Lab SD	10.8			24.1			2.3			5.8			3.2					
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		
														SRS1715		
SRS1711				SRS1712				SRS1713				SRS1714				
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	
AV7VBU	0.5			21.3		1.2	24.0		1.9	21.7		1.9	29.2		1.2	
AW39XM	1.5		0.4	26.8		0.6	21.0		0.1	20.6		0.4	28.3		0.6	
BWY4VJ	1.6		1.7	26.0		1.5	20.0		0.3	18.4		0.5	28.3		1.3	
KCY8CT	1.2		0.0	25.2		0.0	24.7		0.5	20.6		0.1	28.8		0.7	
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
														SRS1715		
SRS1711				SRS1712				SRS1713				SRS1714				
Grand Median	1.37			25.6			22.5			20.6			28.5			
Median Abs Dev																
Avg Within Lab SD	0.22			1.1			3.2			1.5			1.4			
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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AV7VBU				1.55		1.77	2.83		1.04	17.12		0.82	0.70		0.70	
AW39XM	0.21		0.59	2.17		0.19	3.04		0.20	17.71		0.95	0.72		0.50	
BWY4VJ	0.07		1.63	2.34		0.88	2.95		0.84	17.50		1.50	0.83		1.81	
KCY8CT	0.09		0.03	2.08		0.26	3.05		1.47	19.14		0.43	0.65		0.04	
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	0.086			2.12			3.00			17.6			0.71			
Median Abs Dev																
Avg Within Lab SD	0.034			0.13			0.07			0.4			0.07			
Labs Included	3			4			4			4			4			
Labs Reporting	3			4			4			4			4			



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups														Data units: g/cm ³		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
CWVXUF	1.18	-0.10	0.00	0.73	-0.41	1.90	0.77	-1.36	2.84	0.85	-0.41	1.83	1.28	0.30	0.67	
EL427J	1.40	1.56	2.98	0.74	-0.32	0.26	0.92	-0.18	0.09	0.85	-0.41	0.18	1.21	-0.23	0.40	
GK293W	1.19	0.00	0.18	0.83	0.75	1.68	1.00	0.53	0.43	0.93	0.14	0.54	1.24	0.00	1.65	
J4NJZF	1.08	-0.82	0.05	0.82	0.60	0.68	0.94	0.03	0.33	0.94	0.23	0.62	1.30	0.40	1.78	
JYX9QG	1.22	0.20	0.16	0.84	0.84	0.78	1.03	0.81	0.58	0.97	0.43	1.19	1.28	0.26	1.19	
KCY8CT	1.02	-1.29	0.21	0.68	-0.97	0.57	0.76	-1.45	0.07	0.82	-0.60	1.38	1.05	-1.44	0.32	
R2TT88	1.22	0.23	0.15	0.77	0.00	0.11	0.97	0.30	0.41	0.91	0.00	0.94	1.29	0.35	0.84	
TEVJP7	1.22	0.22	0.05	0.86	1.02	1.04	0.94	0.00	0.25	1.34	2.94	0.54	0.98	-1.93	0.49	
TJQDKL	0.97	-1.64	0.09	0.66	-1.16	0.12	0.77	-1.41	0.20	0.77	-0.92	0.65	1.09	-1.18	0.17	

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups														Data units: g/cm ³		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	1.19			0.77			0.94			0.91			1.24			
Median Abs Dev	0.03			0.07			0.06			0.06			0.05			
Avg Within Lab SD	0.13			0.03			0.06			0.03			0.03			
Labs Included	9			9			9			9			9			
Labs Reporting	9			9			9			9			9			



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
667R8V	134.7	0.1	0.8	127.7	-0.6	1.6	49.0	0.0	1.1	45.3	-0.6	0.3	7.7	0.2	1.0	
67433X	132.9	-0.1	0.2	133.4	0.0	0.5	44.7	-1.0	0.1	45.6	-0.5	0.3	7.5	0.0		
HAKLTV	137.7	0.3	2.2	142.7	0.9	1.3	48.0	-0.2	2.1	51.3	1.2	2.5	7.3	-0.2	1.7	
JBLB7N	154.3	1.6	0.4	147.0	1.3	0.3	57.3	1.9	0.2	51.7	1.3	0.3	6.8	-0.9	0.3	
JYVJLJ	120.0	-1.1		133.7	0.0	1.3	43.0	-1.3	0.7	43.3	-1.2	0.6	8.0	0.7		
N29KUM	133.8	0.0	0.3	141.7	0.8	0.5	48.9	0.0	0.3	47.3	0.0	0.3	6.1	-2.0	0.3	
TJQDKL	112.3	-1.7	0.4	123.3	-1.0	0.5	50.3	0.3	0.9	47.3	0.0	0.3	8.0	0.7		
YJ9BJE	240.7	8.2X	1.4	262.0	12.9X	1.5	97.0	10.9X	0.8	95.0	14.0X		17.3	13.5X	4.4	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	133.8			133.7			48.9			47.3			7.50			
Median Abs Dev	3.9			8.0			1.4			1.9			0.50			
Avg Within Lab SD	4.3			3.0			2.7			2.0			0.57			
Labs Included	7			7			7			7			7			
Labs Reporting	8			8			8			8			8			



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg	
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	142.0	0.3	0.6	129.3	-0.3	0.5	71.0	0.7	0.8	56.3	-0.2	0.7	9.5	-0.2	0.5	
632WAQ	139.2	0.1	0.2	134.3	-0.1	0.3	62.5	-0.2	0.2	56.2	-0.2	0.4	5.5	-1.9		
68ZFPQ	126.7	-0.7	0.6	136.3	-0.1	0.1	59.7	-0.4	0.3	56.2	-0.2	0.1	5.8	-1.8	0.3	
6TJM2J	128.8	-0.6	0.1	163.3	0.7	0.7	54.7	-0.9	0.4	51.1	-0.7	0.4	9.1	-0.4	0.6	
7VEVHY	153.0	1.0	2.3	135.6	-0.1	2.2	69.0	0.5	1.4	57.5	0.0	0.9	11.1	0.5	1.5	
8WPZU3	126.2	-0.8	0.2	153.8	0.4	0.1	60.3	-0.4	0.6	55.7	-0.2	0.5	11.2	0.5	0.1	
CVZFUJ	143.0	0.3	0.2	150.0	0.3	0.1	70.4	0.6	0.1	54.6	-0.3	0.0	10.5	0.2	0.1	
CWVXUF	157.7	1.3	2.0	144.7	0.2	0.9	65.7	0.1	1.5	60.1	0.2	1.6	9.5	-0.2	0.8	
DP8FCX	136.6	-0.1	0.4	142.2	0.1	0.1	63.3	-0.1	0.2	54.3	-0.4	0.3	11.9	0.8	0.2	
E9JJDF	130.2	-0.5	0.6	149.5	0.3	0.2	57.8	-0.6	0.2	54.6	-0.3	0.6	10.6	0.3	0.6	
EL427J	132.3	-0.4	0.8	141.7	0.1	0.1	62.5	-0.2	0.4	55.4	-0.2	0.2	9.7	-0.1	0.2	
FRQEHR	172.7	2.3	0.3	180.7	1.2	0.1	80.3	1.5	1.5	64.7	0.6	0.2	10.3	0.1	0.5	
G4Z9CG	135.9	-0.1	0.0	172.1	0.9	0.0	59.4	-0.5	0.0	48.7	-0.9	0.0	10.7	0.3	0.0	
GA76WG	134.5	-0.2	0.2	141.0	0.1	0.1	68.9	0.5	0.1	58.3	0.0	0.2	10.3	0.1	0.1	
GK293W	124.0	-0.9	1.9	168.8	0.8	1.4	66.2	0.2	1.9	72.1	1.4	3.4	7.2	-1.2	0.6	
HEFFNB	139.3	0.1	1.2	179.7	1.1	0.8	89.3	2.4	0.9	81.3	2.2	1.3	10.0	0.0	0.9	
J4NJZF	134.7	-0.2	0.3	86.3	-1.4	0.1	75.7	1.1	0.4	70.7	1.2	0.2	11.7	0.7	0.5	
JC7UDF	137.8	0.0	1.3	84.0	-1.5	0.1	64.1	0.0	0.2	59.5	0.1	0.2	8.9	-0.5	0.0	
JWQRU7	132.4	-0.4	0.5	151.5	0.4	1.0	57.6	-0.6	0.5	55.8	-0.2	0.8	10.0	0.0	0.4	
JYX9QG	146.8	0.6	0.3	262.3	3.4X	1.2	83.5	1.8	0.6	79.2	2.0	0.2	10.5	0.2	0.2	
KCY8CT	130.6	-0.5	0.6	107.1	-0.9	0.2	58.6	-0.5	0.4	57.9	0.0	0.3	9.4	-0.3	0.2	
KMYV7B	154.6	1.1	0.5	101.0	-1.0	0.4	89.7	2.4	1.8	83.0	2.4	2.0	9.2	-0.3	0.9	
L78EEJ	140.9	0.2	0.4	146.1	0.2	0.1	64.4	0.0	0.1	58.1	0.0	0.6	12.1	0.9	0.8	
LBYM2X	125.3	-0.8	0.3	122.7	-0.4	0.7	54.3	-0.9	0.5	52.2	-0.5	0.6	8.6	-0.6	0.2	
LRA7X6	145.2	0.5	1.6	88.4	-1.4	0.3	69.7	0.5	0.5	64.5	0.6	0.6	7.6	-1.0	0.5	
LWGUDR	135.7	-0.1	0.1	117.3	-0.6	0.1	65.3	0.1	0.2	59.3	0.1	0.2	8.3	-0.7	0.5	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PKVQFJ	174.7	2.5	0.4	113.4	-0.7	0.1	87.8	2.3	0.6	77.5	1.9	0.4	12.7	1.1	0.4	
QN8YGM	117.7	-1.3	0.2	109.8	-0.8	0.7	58.4	-0.6	0.5	49.2	-0.8	0.7	14.3	1.8	1.9	
QUFERW	149.6	0.8	1.9	200.9	1.7	4.5	63.3	-0.1	3.3	72.0	1.3	0.9	9.1	-0.4	1.1	
R2TT88	155.7	1.2	0.3	111.7	-0.7	0.3	66.6	0.2	0.7	61.1	0.3	0.2	10.4	0.2	0.1	
TEVJP7	158.0	1.4	1.1	107.0	-0.9	0.4	56.7	-0.7	0.6	73.3	1.5	2.2	12.7	1.1	0.5	
UVZB72	140.3	0.2	1.0	147.7	0.2	0.3	59.3	-0.5	1.5	47.7	-1.0	1.1	5.0	-2.1		
ZAH9C4	128.2	-0.6	2.1	67.7	-2.0	0.6	62.4	-0.2	1.2	57.9	0.0	1.2	5.9	-1.7	4.2	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	137.8			138.7			64.1			57.9			10.00			
Median Abs Dev	7.5			23.0			4.9			3.4			1.09			
Avg Within Lab SD	4.6			8.4			2.7			3.0			1.11			
Labs Included	33			32			33			33			33			
Labs Reporting	33			33			33			33			33			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27D3A3	386.3	-1.1	0.3	133.7	0.0	0.3	206.0	0.3	0.6	441.0	0.0	0.3	83.7	0.1	1.1
632WAQ	432.5	-0.1	0.5	135.5	0.0	0.1	179.7	-0.4	0.4	398.5	-0.5	0.7	80.7	-0.3	0.5
667R8V	439.3	0.1	0.2	140.7	0.1	0.8	215.3	0.5	0.2	424.0	-0.2	0.3	86.0	0.4	0.8
67433X	428.5	-0.1	0.7	128.5	-0.2	0.0	184.8	-0.3	0.0	418.8	-0.3	0.4	79.9	-0.4	0.4
68ZFPO	451.3	0.4	0.2	136.3	0.0	0.1	219.0	0.6	0.3	506.0	0.7	0.1	92.3	1.2	0.4
6TJM2J	391.3	-0.9	0.2	107.4	-0.7	0.2	167.5	-0.8	0.2	389.6	-0.6	0.8	75.1	-1.0	2.2
8WPZU3	407.8	-0.6	0.3	116.9	-0.4	0.3	175.2	-0.6	0.7	443.3	0.0	0.9	81.0	-0.2	0.9
CVZFUJ	464.7	0.6	0.1	143.7	0.2	0.3	238.7	1.1	0.2	417.0	-0.3	0.1	83.7	0.1	0.0
CWVXUF	463.7	0.6	3.0	138.8	0.1	0.9	259.4	1.7	2.0	452.4	0.1	1.8	91.4	1.1	2.0
DP8FCX	431.6	-0.1	0.3	128.9	-0.2	0.4	193.4	-0.1	0.2	443.1	0.0	0.5	84.0	0.2	0.4
E9JJDF	429.9	-0.1	0.3	114.3	-0.5	0.3	181.5	-0.4	0.3	438.6	-0.1	0.2	79.6	-0.4	1.0
EL427J	437.3	0.1	0.2	132.3	-0.1	0.1	182.0	-0.4	0.1	425.0	-0.2	0.8	73.2	-1.2	0.0
FRQEHR	467.7	0.7	0.4	115.7	-0.5	0.5	204.0	0.2	0.9	495.0	0.6	0.7	84.7	0.3	0.2
G4Z9CG	437.8	0.1	0.0	128.5	-0.2		190.1	-0.2	0.0	419.7	-0.3	0.0	81.7	-0.1	0.0
GA76WG	420.5	-0.3	0.0	135.6	0.0	0.1	193.8	-0.1	0.2	445.4	0.0	0.0	83.1	0.1	0.1
GK293W	506.7	1.6	4.2	220.7	2.1	4.3	230.2	0.9	2.5	590.0	1.7	2.8	67.6	-1.9	1.7
HEFFNB	487.3	1.1	1.4	234.7	2.4	1.8	285.0	2.4	1.5	643.7	2.4	3.3	88.3	0.7	0.8
J4NJZF	408.3	-0.6	0.1	185.3	1.2	0.2	210.3	0.4	0.1	547.7	1.2	0.1	68.3	-1.9	0.4
JC7UDF	478.3	0.9	0.4	163.8	0.7	0.1	203.1	0.2	0.1	539.2	1.1	0.1	96.8	1.8	0.4
JWQRU7	428.9	-0.1	0.1	115.6	-0.5	0.7	167.9	-0.8	0.2	436.7	-0.1	0.6	83.4	0.1	0.3
JYVJLJ	382.0	-1.1	0.4	116.0	-0.5	0.2	168.0	-0.8	0.4	386.7	-0.7	0.3	80.0	-0.3	0.6
JYX9QG	560.6	2.7	0.2	251.8	2.8	0.3	276.6	2.1	0.1	676.5	2.7	0.1	84.5	0.2	0.1
KCY8CT	451.1	0.4	0.2	137.5	0.0	0.7	199.0	0.1	0.9	471.6	0.3	1.4	86.9	0.5	0.2
KMYV7B	485.3	1.1	0.1	234.4	2.4	0.1	257.9	1.6	0.9	588.6	1.7	0.6	77.8	-0.6	2.2
L78EEJ	453.0	0.4	0.3	129.1	-0.2	0.6	199.0	0.1	0.8	456.0	0.2	1.0	91.6	1.2	1.1
LBYM2X	377.0	-1.3	0.6	113.3	-0.5	0.2	169.7	-0.7	0.5	390.0	-0.6	0.4	82.2	-0.1	0.3



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LRA7X6	456.6	0.5	0.6	202.9	1.6	0.2	239.0	1.1	0.2	580.6	1.6	0.5	80.3	-0.3	0.8	
LWGUDR	428.3	-0.1	0.0	136.7	0.0	0.1	172.0	-0.6		475.7	0.4	0.1	80.3	-0.3	0.2	
PKVQFJ	495.2	1.3	0.1	214.3	1.9	0.1	261.1	1.7	0.1	623.3	2.1	0.5	87.0	0.6	0.4	
QN8YGM	371.9	-1.4	0.7	124.4	-0.3	1.1	162.0	-0.9	1.1	385.4	-0.7	1.0	76.1	-0.9	1.1	
QUFERW	450.3	0.3	0.7	114.2	-0.5	0.7	192.5	-0.1	2.5	413.1	-0.4	0.8	80.7	-0.3	1.3	
R2TT88	503.1	1.5	0.6	148.4	0.3	0.2	212.1	0.4	0.9	467.8	0.3	0.1	95.3	1.6	0.8	
TEVJP7	608.7	3.8X	0.6	209.3	1.8	0.5	505.0	8.2X	0.7	120.3	-3.8X	0.4	221.3	17.9X	3.8	
TJQDKL	424.0	-0.2	0.2	131.0	-0.1	0.1	179.3	-0.5	0.2	438.7	-0.1	0.2	85.3	0.3	0.2	
UVZB72	393.7	-0.9	0.6	107.0	-0.7	0.4	183.3	-0.3	0.8	395.0	-0.6	0.6	77.3	-0.7	0.7	
YJ9BJE	416.0	-0.4	0.9	127.7	-0.2	1.7	171.0	-0.7	2.0	402.7	-0.5	0.9	87.7	0.6	1.9	
ZAH9C4	411.7	-0.5	1.3	182.0	1.1	2.4	212.8	0.4	2.2	525.8	1.0	1.5	65.9	-2.2	1.9	

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	434.9			135.5			196.4			443.2			82.7			
Median Abs Dev	24.9			18.6			18.0			36.5			3.2			
Avg Within Lab SD	17.4			8.9			9.4			21.3			3.6			
Labs Included	36			37			36			36			36			
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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	6,243.3	0.8	2.5	4,514.3	0.9	0.7	2,088.3	1.0	0.6	2,202.7	0.9	0.2	455.7	0.7	0.2	
632WAQ	5,725.2	0.1	0.2	3,674.8	0.2	0.7	1,688.2	-0.1	0.5	1,683.8	-0.4	0.4	396.5	0.0	0.2	
667R8V	5,405.0	-0.3	0.9	3,754.0	0.2	0.7	1,966.7	0.7	0.7	1,774.3	-0.2	0.7	703.3	3.5	0.7	
67433X	5,916.9	0.4	0.5	3,168.3	-0.3	0.3	1,508.0	-0.6	0.3	1,626.7	-0.5	0.2	358.0	-0.4	0.0	
68ZFPQ	5,134.3	-0.6	0.1	2,964.7	-0.4	0.2	1,665.0	-0.2	0.1	1,759.0	-0.2	0.0	379.7	-0.2	0.2	
6TJM2J	5,619.2	0.0	0.4	2,839.9	-0.5	0.4	1,491.3	-0.7	0.5	1,582.4	-0.6	0.8	370.4	-0.3	1.2	
8WPZU3	5,561.3	-0.1	0.7	3,278.8	-0.2	0.4	1,617.5	-0.3	0.8	1,820.4	0.0	1.0	389.1	-0.1	0.7	
CWVXUF	5,696.6	0.1	1.2	3,602.3	0.1	0.4	2,176.5	1.3	1.6	2,274.4	1.0	1.3	423.7	0.3	2.3	
DP8FCX	5,088.5	-0.7	0.2	3,428.9	0.0	0.4	1,785.8	0.2	0.0	1,861.8	0.0	0.4	568.7	2.0	1.3	
E9JJDF	5,582.3	0.0	2.2	2,945.0	-0.5	0.8	1,621.8	-0.3	0.5	1,617.4	-0.5	0.5	465.5	0.8	0.3	
EL427J	5,613.0	0.0	0.3	3,359.0	-0.1	0.9	1,705.0	-0.1	0.3	1,768.3	-0.2	0.7	367.3	-0.3	1.3	
FRQEHR	6,805.7	1.6	0.9	2,821.0	-0.6	3.6	2,124.3	1.1	0.9	2,336.0	1.2	1.0	494.7	1.1	0.3	
G4Z9CG	4,873.0	-1.0		3,038.0	-0.4		1,657.0	-0.2		1,694.0	-0.3		388.0	-0.1		
GA76WG	5,324.1	-0.4	0.1	3,352.5	-0.1	0.0	1,607.7	-0.3	0.0	1,628.3	-0.5	0.0	366.0	-0.3	0.0	
GK293W	4,998.3	-0.8	0.9	4,710.6	1.1	0.8	1,814.8	0.3	1.9	2,144.5	0.7	2.5	322.4	-0.8	2.2	
HEFFNB	5,850.3	0.3	1.7	5,433.7	1.7	2.3	2,403.3	1.9	1.4	2,603.7	1.8	2.6	394.7	0.0	0.6	
J4NJZF	5,230.0	-0.5	0.1	5,260.0	1.5	0.1	2,070.0	1.0	0.1	2,326.7	1.1	0.2	531.7	1.5	0.3	
JC7UDF	4,986.9	-0.8	0.2	3,737.5	0.2	0.7	1,848.1	0.3	0.1	2,018.1	0.4	0.5	485.0	1.0	0.5	
JWQRU7	5,506.7	-0.1	1.3	3,024.5	-0.4	1.2	1,415.1	-0.9	0.5	1,614.9	-0.5	1.3	442.8	0.5	0.8	
JYVJLJ	5,267.7	-0.5	0.1	3,002.7	-0.4	0.5	1,627.7	-0.3	0.1	1,687.3	-0.4	0.4	465.7	0.8	0.2	
JYX9QG	5,679.5	0.1	0.5	5,283.5	1.5	0.1	2,161.2	1.2	0.3	2,395.2	1.3	0.3	385.6	-0.1	0.1	
KCY8CT	5,213.3	-0.5	0.5	3,524.0	0.0	0.2	1,686.0	-0.1	0.3	1,970.3	0.3	0.4	417.9	0.2	0.3	
KMYV7B	6,993.8	1.8	1.7	5,840.3	2.0	0.3	2,300.0	1.6	1.6	2,520.5	1.6	2.0	2,520.5	24.1X	6.8	
L78EEJ	5,746.8	0.2	1.1	3,416.0	-0.1	0.7	1,731.0	0.0	0.1	1,883.7	0.1	0.5	441.3	0.5	1.3	
LRA7X6	6,383.8	1.0	0.8	5,468.0	1.7	0.2	2,362.4	1.8	0.3	2,536.0	1.6	0.6	408.5	0.1	0.4	
LWGUDR	5,781.3	0.2	0.0	3,794.3	0.3	0.3	1,811.0	0.2	0.0	1,861.3	0.0	0.0	333.3	-0.7	0.1	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PKVQFJ	6,186.3	0.7	0.3	6,351.4	2.4	0.6	2,495.7	2.2	0.8	2,520.4	1.6	0.2	422.5	0.3	0.5	
QN8YGM	3,604.2	-2.6	0.2	2,924.7	-0.5	1.1	1,119.8	-1.7	0.4	1,247.2	-1.4	0.4	349.1	-0.5	0.6	
QUFERW	7,861.0	2.9	1.0	3,299.3	-0.2	0.9	1,722.3	0.0	3.4	1,715.3	-0.3	1.1	344.5	-0.6	1.2	
R2TT88	6,251.4	0.8	0.4	3,842.3	0.3	0.3	1,847.8	0.3	0.7	1,865.1	0.1	0.2	421.2	0.3	0.3	
TEVJP7	6,314.0	0.9	1.1	5,037.3	1.3	0.7	1,720.3	0.0	1.0	1,708.3	-0.3	1.0	456.0	0.7	0.2	
UVZB72	5,350.0	-0.3	0.4	2,966.7	-0.4	0.7	1,633.3	-0.3	0.7	1,566.7	-0.6	0.6	350.0	-0.5	0.4	
YJ9BJE	6,500.0	1.2		2,093.3	-1.2	0.7	1,505.0	-0.6	1.2	1,363.3	-1.1	1.3	248.3	-1.7	2.3	
ZAH9C4	5,236.8	-0.5	2.0	5,012.7	1.3	1.8	2,034.3	0.9	1.7	2,227.6	0.9	1.5	299.2	-1.1	2.1	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	5,616.1			3,476.4			1,726.7			1,840.8			396.5			
Median Abs Dev	382.7			491.8			121.3			218.8			46.3			
Avg Within Lab SD	138.8			168.1			82.1			92.4			27.6			
Labs Included	34			34			34			34			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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27D3A3	408.3	0.2	2.7	280.0	0.6	0.4	149.0	0.1	1.0	308.0	0.4	0.5	92.0	0.5	0.9
632WAQ	397.2	-0.1	0.4	249.8	0.2	0.1	130.7	-0.5	0.4	261.5	-0.3	0.5	82.2	-0.3	0.3
667R8V	399.8	0.0	0.5	224.3	-0.1	0.7	165.2	0.7	0.4	302.3	0.3	0.4	93.0	0.6	0.7
67433X	376.0	-0.6	0.2	209.1	-0.3	0.1	124.4	-0.7	0.2	253.2	-0.5	0.1	74.7	-0.9	0.2
68ZFPQ	363.7	-0.9	0.3	220.3	-0.1	0.1	140.3	-0.2	0.2	283.7	0.0	0.1	89.3	0.3	0.3
6TJM2J	353.6	-1.1	0.3	178.8	-0.6	1.0	121.7	-0.8	0.1	246.1	-0.6	1.0	74.1	-1.0	1.4
8WPZU3	376.8	-0.6	0.7	220.4	-0.1	0.2	144.9	0.0	0.7	288.1	0.1	0.9	98.5	1.1	0.7
CWVXUF	406.5	0.2	3.0	303.9	0.9	0.6	179.9	1.2	1.1	240.0	-0.7	0.5	90.7	0.4	0.7
DP8FCX	381.5	-0.4	0.4	229.9	0.0	0.3	145.5	0.0	0.1	277.9	-0.1	0.5	94.6	0.8	0.3
E9JJDF	416.7	0.4	1.5	220.4	-0.1	0.7	152.2	0.3	0.4	265.1	-0.3	0.3	99.1	1.1	1.2
EL427J	368.7	-0.8	0.3	226.7	-0.1	0.3	138.7	-0.2	0.2	269.3	-0.2	0.5	88.8	0.3	0.1
FRQEHR	445.7	1.1	0.5	208.7	-0.3	0.2	152.0	0.3	0.8	295.7	0.2	0.5	89.3	0.3	0.1
G4Z9CG	407.3	0.2	0.0	219.1	-0.1	0.0	137.0	-0.3		267.7	-0.2	0.0	82.8	-0.2	0.0
GA76WG	347.6	-1.3	0.0	230.8	0.0	0.1	136.9	-0.3	0.1	272.0	-0.2	0.0	85.1	0.0	0.1
GK293W	435.8	0.9	1.5	394.8	2.0	1.4	167.7	0.8	1.7	384.0	1.6	2.4	81.6	-0.3	2.5
HEFFNB	424.0	0.6	1.2	382.3	1.9	1.9	200.7	2.0	1.4	410.7	2.0	2.8	87.0	0.1	0.4
J4NJZF	387.7	-0.3	0.4	363.7	1.6	0.4	172.3	1.0	0.6	363.3	1.3	0.4	92.7	0.6	0.4
JC7UDF	417.0	0.4	0.3	278.5	0.6	0.0	169.5	0.9	0.2	345.1	1.0	0.3	101.0	1.3	0.2
JWQRU7	397.2	-0.1	0.5	219.1	-0.1	1.2	122.0	-0.8	0.4	255.1	-0.4	0.7	88.8	0.3	0.2
JYVJLJ	350.3	-1.2	1.4	203.3	-0.3	1.3	119.3	-0.9	0.9	241.7	-0.7	0.8	75.3	-0.9	0.8
JYX9QG	404.7	0.1	0.1	364.1	1.6	0.4	182.6	1.3	0.3	378.8	1.5	0.3	85.7	0.0	0.1
KCY8CT	378.8	-0.5	0.6	231.5	0.0	0.6	128.6	-0.6	0.4	283.0	0.0	0.8	80.6	-0.4	0.0
KMYV7B	432.7	0.8	0.7	435.6	2.5	0.5	178.1	1.2	1.2	396.1	1.8	2.4	76.7	-0.8	0.4
L78EEJ	407.1	0.2	0.5	237.2	0.1	0.7	146.3	0.0	0.9	295.7	0.2	0.6	94.7	0.8	1.0
LRA7X6	454.9	1.4	0.9	406.7	2.2	0.3	189.9	1.6	0.2	414.5	2.1	0.6	85.3	0.0	0.5
LWGUDR	381.0	-0.5	0.1	227.0	-0.1	0.1	142.0	-0.1	0.3	271.3	-0.2	0.1	76.3	-0.8	0.2



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PKVQFJ	446.7	1.2	0.4	425.5	2.4	0.3	198.2	1.9	0.4	398.2	1.8	0.6	90.4	0.4	0.4	
QN8YGM	351.2	-1.2	0.2	228.8	0.0	1.4	127.3	-0.6	0.6	249.1	-0.5	0.5	83.8	-0.2	0.5	
QUFERW	441.5	1.0	1.2	229.5	0.0	1.6	136.2	-0.3	2.4	267.5	-0.2	0.8	80.1	-0.5	0.8	
R2TT88	445.7	1.1	0.6	266.8	0.4	0.1	147.5	0.1	0.6	293.9	0.2	0.2	91.3	0.5	0.3	
TEVJP7	513.3	2.8X	1.2	339.0	1.3	1.0	281.3	4.8X	2.4	105.0	-2.9X	0.4	152.0	5.6X	0.7	
UVZB72	353.3	-1.1	0.7	200.3	-0.4	0.8	118.3	-0.9	0.4	228.3	-0.9	0.8	70.7	-1.3	0.5	
YJ9BJE	445.0	1.1	1.3	245.0	0.2	2.0	100.0	-1.6	3.0	243.3	-0.6	2.0	53.3	-2.7	1.2	
ZAH9C4	369.3	-0.8	1.0	346.0	1.4	3.4	142.1	-0.1	1.7	339.8	0.9	1.3	55.4	-2.6	3.9	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	399.8			231.2			144.9			283.0			85.7			
Median Abs Dev	24.2			22.3			17.6			27.9			5.7			
Avg Within Lab SD	11.9			12.8			6.7			13.8			6.1			
Labs Included	33			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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
27D3A3	8.7	-0.2	0.4	8.0	-0.4	0.0	11.3	-0.8	0.2	9.7	-0.8	0.3	4.7	-1.1	0.3		
667R8V	9.9	0.0	0.1	10.7	-0.1	0.6	16.5	-0.1	0.3	15.6	-0.1	0.7	13.7	0.2	0.4		
6TJM2J	3.6	-0.9	0.6	20.5	1.0	0.6	18.4	0.1	0.4	16.9	0.0	0.1	24.2	1.7	1.1		
8WPZU3	6.9	-0.4	0.4	6.4	-0.6	0.2	17.8	0.1	0.5	14.2	-0.3	0.6	13.0	0.1	0.5		
DP8FCX	10.0	0.0	0.1	14.9	0.4	0.4	17.5	0.0	0.3	16.8	0.0	0.2	15.0	0.3	0.5		
E9JJDF	12.3	0.3	0.5	10.3	-0.2	0.1	20.5	0.4	0.5	11.0	-0.7	0.7	12.2	-0.1	0.5		
EL427J	5.9	-0.6	0.2	4.7	-0.8	0.4	11.1	-0.8	0.5	11.1	-0.7	1.3	8.9	-0.5	0.8		
FRQEHR	29.3	2.7	0.8	23.3	1.4	0.9	44.3	3.6	1.0	33.7	2.0	0.7	27.7	2.1	0.7		
G4Z9CG	7.8	-0.3	0.0	13.7	0.2	0.0	15.6	-0.2	0.0	15.6	-0.1	0.0	12.6	0.0	0.0		
GK293W	0.9	-1.3		14.7	0.4	1.5	12.6	-0.6	1.1	18.3	0.2	1.1	5.6	-1.0	1.4		
HEFFNB	20.7	1.5	0.8	31.7	2.4	0.4	36.7	2.6	0.7	39.7	2.7	2.0	23.0	1.5			
J4NJZF	8.3	-0.2	0.4	11.3	0.0	0.4	17.7	0.1	0.2	19.3	0.3	0.3	11.3	-0.2	0.3		
JWQRU7	12.4	0.3	0.7	8.5	-0.4	0.2	16.7	-0.1	0.3	15.7	-0.1	0.7	15.9	0.5	0.7		
JYX9QG	15.4	0.8	0.4	30.7	2.2	1.1	20.9	0.5	0.4	30.4	1.6	0.2	11.7	-0.1	1.1		
L78EEJ	11.3	0.2	0.8	10.8	-0.1	0.0	17.3	0.0	0.5	17.2	0.0	0.2	12.7	0.0	0.9		
LRA7X6	5.1	-0.7	2.7	5.2	-0.8	0.1	10.4	-0.9	0.2	4.7	-1.4	1.8	6.0	-0.9	0.4		
PKVQFJ	12.1	0.3	0.1	15.1	0.4	0.1	21.9	0.6	0.1	22.1	0.6	0.2	12.2	-0.1	0.3		
QN8YGM	12.5	0.4	0.3	12.9	0.1	0.1	15.5	-0.2	1.0	15.0	-0.2	0.3	14.3	0.2	1.0		
QUFERW	7.8	-0.3	1.0	7.6	-0.5	0.7	11.7	-0.7	0.6	10.7	-0.7	0.5	8.9	-0.5	0.9		
R2TT88	3.8	-0.9	0.1	4.6	-0.8	0.0	10.1	-1.0	0.1	10.7	-0.7	0.1	7.3	-0.8	0.1		
TEVJP7	18.7	1.2	2.4	17.7	0.7	0.4	25.3	1.1	0.5	24.0	0.9	1.3	28.7	2.3	1.2		
UVZB72	13.0	0.4	0.7	11.7	0.0	0.4	14.7	-0.3	0.2	17.0	0.0	1.0	11.3	-0.2	0.3		
ZAH9C4	19.8	1.4	2.0	24.8	1.6	4.0	22.2	0.6	4.1	25.9	1.1	2.7	20.9	1.2	3.3		



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	10.0	11.7	17.3	16.8	12.6	
Median Abs Dev	3.0	3.6	3.6	5.3	3.3	
Avg Within Lab SD	1.5	3.5	3.2	2.1	2.1	
Labs Included	23	23	23	23	23	
Labs Reporting	23	23	23	23	23	



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

Data units: mg/kg

WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27D3A3	14.3	0.7	0.4	12.7	-0.5	0.4	10.3	-0.5	0.6	7.7	-1.2	0.5	3.8	-1.6	0.3
68ZFPQ	8.7	-0.5	0.1	14.5	-0.2	0.0	8.8	-1.0	0.1	9.9	-0.7	0.1	7.9	-0.1	0.1
6TJM2J	8.9	-0.4	0.6	12.8	-0.5	0.8	9.1	-0.9	0.5	9.5	-0.8	0.4	7.1	-0.4	1.2
8WPZU3	11.5	0.1	0.7	17.9	0.3	0.8	12.6	0.2	0.8	13.5	0.2	0.7	12.1	1.5	1.1
CWVXUF	11.0	0.0	2.4	15.1	-0.1	1.5	12.4	0.1	2.7	12.5	0.0	2.5	9.0	0.3	2.4
DP8FCX	26.1	3.0	0.2	22.0	0.9	0.2	12.7	0.2	0.2	13.0	0.1	0.3	7.5	-0.2	0.5
E9JJDF	14.7	0.7	0.3	16.1	0.0	0.7	11.0	-0.3	0.4	13.1	0.1	1.2	7.9	-0.1	0.7
EL427J	8.9	-0.4	0.3	14.1	-0.3	0.1	8.8	-0.9	0.2	9.5	-0.8	0.5	7.3	-0.3	0.2
FRQEHR	10.7	-0.1	0.4	16.3	0.1	0.4	12.0	0.0	1.0	13.0	0.1		8.3	0.1	0.6
G4Z9CG	9.7	-0.3	0.0	17.1	0.2	0.0	9.6	-0.7	0.0	8.9	-0.9	0.0	7.4	-0.3	0.0
GA76WG	9.9	-0.2	0.2	14.4	-0.2	0.1	12.0	0.0	0.6	11.6	-0.3	0.5	7.2	-0.4	0.0
GK293W	12.6	0.3	2.8	23.0	1.1	2.1	12.2	0.0	2.1	15.1	0.6	1.0	6.5	-0.6	1.0
HEFFNB	12.3	0.3	1.0	25.3	1.4	1.5	16.3	1.2	0.6	18.3	1.4	1.9	9.7	0.6	0.8
J4NJZF	10.0	-0.2	0.8	19.0	0.5	0.6	13.7	0.5	0.6	15.3	0.7	0.5	9.7	0.6	0.6
JC7UDF	10.6	-0.1	0.1	16.7	0.1	0.2	14.2	0.6	0.0	14.3	0.4	0.1	10.2	0.8	0.1
JWQRU7	11.4	0.1	0.4	14.9	-0.1	0.6	12.7	0.2	0.4	12.5	0.0	0.6	11.3	1.2	1.1
JYX9QG	11.4	0.1	0.2	25.3	1.4	0.5	13.9	0.5	0.4	15.8	0.8	0.3	9.2	0.4	0.2
KCY8CT	10.3	-0.1	0.3	14.2	-0.2	0.1	10.5	-0.5	0.4	12.8	0.0	0.1	8.6	0.2	0.3
L78EEJ	12.0	0.2	2.0	14.4	-0.2	1.1	11.6	-0.1	1.9	11.3	-0.3	1.1	9.1	0.4	1.9
LRA7X6	33.0	4.4	0.9	47.1	4.6	0.9	19.8	2.2	0.9	23.3	2.6	0.5	5.6	-0.9	0.4
PKVQFJ	17.9	1.4	0.4	26.5	1.6	1.0	20.3	2.4	1.3	20.4	1.9	0.8	13.3	1.9	0.5
QN8YGM	19.5	1.7	1.4	26.0	1.5	2.2	13.7	0.5	0.5	12.9	0.1	2.3	13.0	1.8	2.7
QUFERW	8.8	-0.4	0.3	15.1	-0.1	1.8	7.2	-1.4	1.1	9.4	-0.8	0.2	5.9	-0.8	0.8
R2TT88	3.4	-1.5	0.3	8.3	-1.1	0.4	5.8	-1.8	0.1	6.3	-1.6	0.5	6.3	-0.7	0.8
TEVJP7	11.0	0.0	1.3	15.7	0.0	1.5	12.3	0.1	1.5	9.3	-0.8	1.4	12.3	1.5	0.6
UVZB72	9.3	-0.3	0.4	14.0	-0.3	0.6	9.3	-0.8	0.6	10.7	-0.5	0.5	7.7	-0.2	0.6



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
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	
ZAH9C4	54.8	8.8X	2.6	59.1	6.4X	2.3	28.5	4.7X	0.5	33.8	5.2X	5.5	19.2	4.1X	5.1	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	11.0			15.9			12.1			12.6			8.14			
Median Abs Dev	1.5			1.8			1.7			2.6			1.29			
Avg Within Lab SD	1.3			1.6			1.0			1.1			0.93			
Labs Included	26			26			26			26			26			
Labs Reporting	27			27			27			27			27			



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	329.7	-0.1	0.2	1,464.7	0.1	0.1	479.0	0.0	0.1	487.0	-0.3	0.2	544.0	-0.4	0.2	
8WPZU3	222.9	-1.4	0.3	1,498.6	0.2	0.1	438.0	-0.5	0.2	462.7	-0.5	0.6	581.1	0.0	1.2	
CWVXUF	365.4	0.4	0.7	1,843.0	1.2	0.2	527.9	0.5	0.5	552.9	0.2	0.7	687.0	1.3	0.8	
E9JJDF	361.9	0.3	0.5	1,348.6	-0.3	0.5	440.0	-0.4	0.2	429.2	-0.8	0.2	511.0	-0.8	0.3	
EL427J	287.3	-0.6	0.2	1,415.7	-0.1	0.3	462.3	-0.2	0.1	459.3	-0.6	0.4	547.0	-0.4	0.4	
HEFFNB	354.0	0.2	0.4	2,052.0	1.9	0.1	664.3	1.8	0.3	709.0	1.5	0.9	585.0	0.1	0.1	
J4NJZF	253.7	-1.1	0.1	1,253.3	-0.6	0.1	482.0	0.0	0.1	538.0	0.1	0.1	545.7	-0.4	0.1	
JWQRU7	343.9	0.1	0.2	1,423.0	-0.1	0.3	407.4	-0.8	0.2	450.8	-0.6	0.3	579.4	0.0	0.2	
PKVQFJ	277.0	-0.8	0.1	1,552.7	0.3	0.2	643.3	1.6	0.2	653.1	1.0	0.2	646.7	0.8	0.3	
QUFERW	236.8	-1.3	3.4	2,529.3	3.4	3.6	688.2	2.1	2.7	699.0	1.4	2.0	740.7	1.9	2.5	
R2TT88	393.6	0.7	0.1	1,373.5	-0.2	0.1	485.1	0.0	0.4	518.5	-0.1	0.1	657.1	0.9	0.4	
TEVJP7	186.3	-1.9	0.4	1,537.0	0.3	0.2	521.0	0.4	0.6	661.3	1.1	0.6	490.7	-1.1	0.6	
UVZB72	350.0	0.2	0.3	1,426.7	-0.1	0.3	456.7	-0.3	0.8	453.3	-0.6	0.2	526.7	-0.7	0.9	
ZAH9C4	367.3	0.4	1.2	1,221.6	-0.7	0.4	560.0	0.8	2.2	615.9	0.7	2.7	624.1	0.5	2.0	

Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	336.8			1,445.7			483.6			528.3			580.3			
Median Abs Dev	40.0			94.2			44.0			76.2			48.7			
Avg Within Lab SD	32.9			122.8			42.2			32.5			37.7			
Labs Included	14			14			14			14			14			
Labs Reporting	14			14			14			14			14			



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

Data units: mg/kg

WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
27D3A3	7.50	0.79	0.36	3.53	0.62	0.89	4.57	0.69	0.63	27.67	0.53	2.42	1.37	0.83	0.56
68ZFPQ	5.94	-0.53	0.23	2.68	-0.37	0.19	3.76	-0.07	0.17	23.03	-0.10	0.25	1.13	-0.29	0.40
6TJM2J	1.56	-4.22	1.16	1.25	-2.03	0.85	1.15	-2.52	0.67	2.43	-2.93	0.18	0.81	-1.83	1.27
8WPZU3	5.88	-0.57	0.52	2.86	-0.16	0.32	3.66	-0.16	0.42	21.10	-0.37	0.77	1.06	-0.64	0.19
CWVXUF	7.18	0.52	1.52	2.96	-0.05	1.19	4.52	0.64	0.26	28.55	0.66	0.83	1.22	0.14	2.50
DP8FCX	6.28	-0.24	0.27	2.98	-0.03	0.65	3.72	-0.10	0.32	21.42	-0.32	0.75	1.16	-0.18	0.95
E9JJDF	6.83	0.22	0.95	2.71	-0.34	0.59	3.66	-0.16	0.66	18.85	-0.68	0.27	1.16	-0.17	0.68
EL427J	6.02	-0.46	0.69	2.86	-0.16	0.35	3.96	0.12	0.44	21.33	-0.34	0.50	1.29	0.48	0.65
FRQEHR	7.33	0.65	1.09	3.00	0.00		3.97	0.13	0.83	27.57	0.52	0.30	0.70	-2.35	0.00
G4Z9CG	6.67	0.09	0.00	3.21	0.24	0.00	3.74	-0.09	0.00	21.16	-0.36	0.00	1.22	0.13	0.00
GA76WG	6.06	-0.42	0.24	2.78	-0.25	0.18	3.79	-0.04	0.22	23.64	-0.02	0.10	1.11	-0.41	0.15
GK293W	6.26	-0.26	0.92	4.03	1.19	1.58	4.88	0.98	1.34	30.63	0.94	1.74	1.05	-0.67	2.11
HEFFNB	7.21	0.54	0.93	4.78	2.07	1.84	5.94	1.98	0.76	32.70	1.23	2.50	1.28	0.43	0.88
J4NJZF	7.10	0.45	0.94	4.20	1.39	1.74	4.73	0.85	0.63	30.67	0.95	0.46	1.53	1.62	1.48
JC7UDF	7.24	0.57	0.81	3.27	0.31	0.22	4.49	0.62	0.66	28.03	0.58	0.23	1.16	-0.16	0.68
JWQRU7	6.33	-0.20	0.63	2.86	-0.16	0.87	3.25	-0.55	0.50	20.23	-0.49	0.62	1.10	-0.45	0.86
JYX9QG	7.04	0.40	0.13	5.20	2.55	0.75	5.27	1.35	0.56	31.00	0.99	0.09	1.22	0.11	0.37
KCY8CT	6.51	-0.04	0.68	2.92	-0.09	0.32	3.80	-0.03	0.84	24.38	0.08	0.38	1.31	0.56	0.35
KMYV7B	7.17	0.51	1.08	4.38	1.60	0.97	5.63	1.69	1.35	32.60	1.21	0.60	1.62	2.03	1.25
L78EEJ	7.05	0.41	2.76	2.67	-0.39	0.99	3.68	-0.14	0.95	21.23	-0.35	0.64	1.28	0.40	0.95
LRA7X6	1.66	-4.13X	0.50	9.97	8.08X	1.41	2.09	-1.63	0.52	23.78	0.00	0.13	1.74	2.60	0.78
PKVQFJ	6.57	0.00	0.58	4.19	1.38	0.41	5.27	1.35	0.54	33.13	1.29	0.82	1.19	0.00	0.57
QN8YGM	4.83	-1.46	0.21	3.37	0.42	1.21	2.83	-0.94	1.75	8.97	-2.04	0.17	1.13	-0.29	0.56
QUFERW	6.40	-0.14	0.94	2.60	-0.46	1.54	3.83	0.00	3.32	21.17	-0.36	1.24	1.17	-0.13	1.12
R2TT88	7.37	0.67	0.50	3.11	0.13	0.13	4.33	0.46	0.61	24.81	0.14	0.20	1.22	0.14	0.33
TEVJP7	9.58	2.54	0.17	3.87	1.01	1.99	26.61	21.41X	13.80	1.65	-3.04X	0.06	2.17	4.64X	1.28



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
UVZB72	5.63	-0.79	1.60	2.37	-0.73	0.34	3.23	-0.56	0.31	20.67	-0.43	1.21	1.00	-0.92		
ZAH9C4	5.94	-0.53	1.77	3.07	0.08	1.26	4.21	0.35	1.46	26.00	0.31	2.04	1.25	0.27	1.35	
Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	6.57			3.00			3.83			23.8			1.19			
Median Abs Dev	0.61			0.32			0.58			3.5			0.09			
Avg Within Lab SD	0.28			0.17			0.18			1.3			0.10			
Labs Included	27			27			27			27			27			
Labs Reporting	28			28			28			28			28			



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	128.0	-0.1	0.4	73.7	0.3	0.7	66.7	0.3	0.7	118.0	0.0	0.4	36.7	0.0	0.7	
68ZFPQ	104.3	-0.9	0.1	60.0	-0.9	0.3	49.7	-0.9	0.3	105.7	-0.5	0.7	41.3	1.1	0.3	
6TJM2J	91.1	-1.3	0.3	60.5	-0.9	0.9	40.2	-1.5	0.3	94.7	-1.0	1.0	35.5	-0.3	1.8	
8WPZU3	107.7	-0.8	0.3	70.8	0.1	0.1	50.1	-0.8	0.5	104.6	-0.5	0.7	35.7	-0.2	0.9	
CWVXUF	118.7	-0.4	0.1	68.5	-0.1	1.2	59.5	-0.2	0.6	119.4	0.1	2.4	43.3	1.5	2.0	
DP8FCX	129.1	-0.1	0.0	68.6	-0.1	0.0	54.3	-0.6	0.2	105.6	-0.5	0.2	35.7	-0.2	0.1	
E9JJDF	129.3	0.0	0.6	61.8	-0.8	1.6	54.7	-0.5	0.8	94.3	-1.0	0.3	31.0	-1.3	0.8	
EL427J	117.3	-0.5	0.3	67.8	-0.2	0.4	55.9	-0.5	0.4	101.3	-0.7	0.2	33.3	-0.8	0.3	
FRQEHR	178.3	1.6	0.7	84.7	1.3	0.4	73.7	0.7	0.3	123.3	0.3	0.4	41.7	1.1	0.3	
G4Z9CG	143.9	0.4	0.0	84.6	1.3	0.0	60.9	-0.1	0.0	110.5	-0.3		35.3	-0.3	0.0	
GA76WG	173.8	1.5	0.0	86.6	1.5	0.2	79.5	1.1	0.1	137.4	0.9	0.1	42.5	1.3	0.1	
GK293W	94.5	-1.2	1.0	81.1	1.0	1.1	64.6	0.1	1.6	124.7	0.3	1.9	36.4	-0.1	1.3	
HEFFNB	138.3	0.3	1.2	111.3	3.8X	0.5	86.3	1.6	1.5	157.3	1.8	1.5	38.7	0.5	0.3	
J4NJZF	130.7	0.0	0.3	62.3	-0.7	0.5	69.7	0.5	0.3	133.7	0.7	0.6	36.7	0.0	0.9	
JC7UDF	110.0	-0.7	0.2	55.3	-1.4	0.0	65.3	0.2	0.1	126.5	0.4	0.3	37.4	0.2	0.5	
JWQRU7	135.2	0.2	0.6	73.2	0.3	0.2	53.4	-0.6	0.5	114.1	-0.1	0.8	41.8	1.2	0.4	
KCY8CT	121.6	-0.3	0.6	58.8	-1.0	0.2	57.1	-0.4	0.2	116.9	0.0	0.0	37.9	0.3	0.4	
KMYV7B	173.6	1.5	2.5	72.0	0.2	1.7	84.5	1.4	1.6	32.6	-3.7X	0.1	1.6	-8.1X	0.1	
L78EEJ	125.7	-0.2	0.6	72.7	0.2	0.6	57.8	-0.3	0.3	111.2	-0.3	0.6	39.1	0.6	1.3	
LRA7X6	174.6	1.5	0.5	81.2	1.0	0.3	87.3	1.6	0.2	167.3	2.2	0.8	40.0	0.8	0.8	
PKVQFJ	161.4	1.0	0.6	81.3	1.0	0.3	83.1	1.4	0.2	161.6	2.0	0.1	39.5	0.7	0.4	
QN8YGM	130.7	0.0	0.3	66.8	-0.3	0.1	53.2	-0.6	0.3	107.6	-0.4	0.7	32.7	-0.9	0.7	
QUFERW	84.6	-1.6	1.4	70.3	0.0	1.3	50.4	-0.8	0.5	96.4	-0.9	0.5	34.4	-0.5	1.4	
R2TT88	150.2	0.7	0.2	69.0	-0.1	0.3	67.1	0.3	0.5	124.1	0.3	0.1	44.6	1.8	0.6	
TEVJP7	174.7	1.5	1.2	83.7	1.3	0.7	114.3	3.4X	1.8	51.3	-2.9X	0.6	278.0	55.5X	6.7	
UVZB72	131.7	0.0	1.3	70.0	0.0	1.2	66.7	0.3	1.6	98.3	-0.8	0.5	33.0	-0.8	1.5	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
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	
ZAH9C4	135.1	0.2	3.2	56.9	-1.2	3.5	67.4	0.3	3.6	130.9	0.6	2.5	34.8	-0.4	2.2	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	130.7			70.2			62.7			116.9			36.7			
Median Abs Dev	13.3			8.1			8.2			11.3			2.4			
Avg Within Lab SD	6.0			3.0			3.7			5.4			1.8			
Labs Included	27			26			26			25			25			
Labs Reporting	27			27			27			27			27			



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	174.0	1.3	0.3	144.0	0.6	0.6	261.0	1.2	0.2	140.0	1.0	0.2	252.7	0.9	0.9	
68ZFPQ	126.3	-0.9	0.1	114.3	-0.4	0.2	180.7	-0.6	0.2	106.3	-0.5	0.1	214.3	-0.3	0.2	
6TJM2J	146.4	0.0	0.7	154.0	0.9	1.1	228.5	0.5	0.6	124.2	0.3	0.3	251.3	0.9	1.8	
8WPZU3	117.9	-1.3	0.3	117.9	-0.3	0.2	184.5	-0.5	0.5	100.2	-0.7	0.2	200.1	-0.7	0.5	
CWVXUF	142.3	-0.2	1.4	119.9	-0.2	1.7	215.1	0.2	0.6	109.9	-0.3	0.3	237.2	0.4	0.3	
DP8FCX	142.6	-0.2	0.1	126.5	0.0	0.2	200.0	-0.2	0.3	105.9	-0.5	0.1	212.5	-0.4	0.1	
E9JJDF	147.2	0.0	0.8	117.5	-0.3	0.5	188.0	-0.5	0.7	94.8	-1.0	0.1	185.2	-1.2	0.5	
EL427J	128.3	-0.8	0.8	113.7	-0.4	0.4	194.7	-0.3	0.9	102.1	-0.6	0.2	194.7	-0.9	0.5	
FRQEHR	195.0	2.2	0.8	160.0	1.1	0.2	251.3	1.0	0.3	140.3	1.0	0.1	252.7	0.9	0.1	
G4Z9CG	156.6	0.5	0.0	151.7	0.8	0.0	205.3	-0.1	0.0	116.3	0.0	0.0	216.5	-0.2		
GA76WG	174.8	1.3	0.1	149.6	0.8	0.2	286.0	1.8	0.1	144.1	1.2	0.1	302.3	2.4	0.2	
GK293W	141.2	-0.2	0.2	196.2	2.3	0.6	273.0	1.5	0.4	163.2	2.0	0.4	266.1	1.3	1.9	
HEFFNB	146.7	0.0	1.1	214.3	2.9	1.7	303.3	2.2	1.6	170.3	2.3	0.1	224.0	0.0	0.7	
J4NJZF	127.7	-0.9	0.3	98.7	-0.9	0.3	202.7	-0.1	0.2	123.0	0.3	0.2	171.0	-1.7	0.2	
JC7UDF	127.8	-0.9	0.7	87.2	-1.2	0.0	212.1	0.1	0.2	116.2	0.0	0.0	202.3	-0.7	0.2	
JWQRU7	139.7	-0.3	0.1	121.4	-0.1	0.6	193.0	-0.3	0.4	108.9	-0.3	0.2	225.2	0.0	0.3	
KCY8CT	131.3	-0.7	0.6	106.3	-0.6	0.2	206.3	0.0	1.4	111.4	-0.2	0.1	214.8	-0.3	0.4	
KMYV7B	163.0	0.8	2.0	107.2	-0.6	0.7	267.4	1.4	2.1	144.4	1.2	0.9	217.3	-0.2	1.7	
L78EEJ	140.9	-0.3	0.4	131.1	0.2	0.1	207.8	0.0	0.7	114.5	-0.1	0.2	225.3	0.0	0.3	
LRA7X6	163.1	0.8	0.4	115.1	-0.3	0.3	260.4	1.2	0.2	144.1	1.2	0.3	223.8	0.0	0.5	
PKVQFJ	163.0	0.8	0.1	125.8	0.0	0.2	276.3	1.6	0.5	141.7	1.1	0.1	233.7	0.3	0.2	
QN8YGM	151.3	0.2	0.7	127.0	0.0	0.7	205.0	-0.1	0.5	121.5	0.2	0.2	202.3	-0.7	0.4	
QUFERW	139.7	-0.3	2.5	162.0	1.2	3.3	205.6	-0.1	2.2	105.9	-0.5	4.7	253.8	0.9	2.0	
R2TT88	151.3	0.2	0.1	116.9	-0.3	0.5	221.3	0.3	0.7	117.3	0.0	0.1	241.0	0.5	0.5	
TEVJP7	201.0	2.5	0.9	156.0	1.0	0.6	149.0	-1.4	0.7	282.3	7.2X	0.7	261.0	1.2	0.6	
UVZB72	144.3	-0.1	0.7	128.3	0.1	1.0	195.0	-0.3	0.8	115.0	-0.1	0.3	210.0	-0.4	0.8	



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
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	
ZAH9C4	157.1	0.5	2.7	100.1	-0.8	2.1	228.7	0.5	2.7	137.2	0.9	1.5	245.8	0.7	2.9	

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg			
SRS1711		SRS1712		SRS1713		SRS1714		SRS1715	
Grand Median	146.4	125.8	207.8	116.8	224.0				
Median Abs Dev	10.8	18.2	19.9	10.9	21.7				
Avg Within Lab SD	8.2	7.6	10.9	15.9	12.3				
Labs Included	27	27	27	26	27				
Labs Reporting	27	27	27	27	27				



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	2.5	-0.3	0.2	10.2	0.0	0.4	1.1	-0.1	1.0	2.9	-0.3	0.3	0.8	0.0	0.0	
68ZFPQ	2.2	-0.8	0.2	8.8	-0.6	0.1	1.1	-0.2	0.1	2.8	-0.5	0.1	0.7	-0.3	0.0	
6TJM2J	1.1	-3.0	0.1	1.5	-3.3X	0.1	1.0	-0.6	0.3	1.1	-2.5	0.5	0.9	0.6	0.5	
8WPZU3	2.3	-0.7	0.2	9.8	-0.2	0.4	1.1	-0.1	0.5	2.9	-0.3	0.6	0.7	-0.2	0.2	
CWVXUF	2.6	0.0	0.2	10.3	0.0	0.5	1.3	0.7	0.6	3.2	0.1	0.4	1.1	1.5	0.5	
DP8FCX	2.4	-0.5	0.0	10.1	-0.1	0.1	1.0	-0.5	0.1	2.8	-0.4	0.3	0.7	-0.3	0.1	
E9JJDF	2.5	-0.2	0.2	8.9	-0.5	0.3	0.9	-0.9	0.5	2.6	-0.7	0.2	0.5	-0.9	0.2	
EL427J	2.2	-0.9	0.5	8.9	-0.5	0.3	1.1	-0.1	0.2	2.6	-0.7	0.3	0.8	0.0	0.2	
FRQEHR	3.0	0.6	0.4	10.1	-0.1	0.4	1.0	-0.3	0.6	3.1	0.0	0.3	0.6	-0.5	0.2	
G4Z9CG	2.7	0.2	0.0	10.1	-0.1	0.0	1.2	0.2	0.0	2.9	-0.3	0.0	0.8	0.3	0.0	
GA76WG	2.8	0.2	0.2	11.2	0.3	0.3	1.3	0.7	0.3	3.4	0.3	0.2	0.9	0.6	0.1	
GK293W	2.4	-0.5	0.6	14.6	1.6	0.4	1.2	0.4	2.2	3.6	0.6	1.5	0.6	-0.6	0.2	
HEFFNB	2.8	0.3	0.3	16.0	2.1	0.7	1.6	1.9	0.3	4.5	1.7	1.7	0.7	-0.2	0.1	
J4NJZF	2.4	-0.5	0.7	13.0	1.0		1.6	1.6	1.5	4.3	1.4	1.1	0.6	-0.5	0.6	
JC7UDF	2.6	0.0	0.1	10.6	0.1	0.3	1.2	0.2	0.1	3.4	0.3	0.2	0.8	0.0	0.0	
JWQRU7	2.4	-0.4	0.2	10.0	-0.1	1.2	0.9	-0.9	0.2	2.9	-0.3	0.5	0.6	-0.5	0.0	
JYX9QG	2.7	0.2	0.1	17.3	2.6	0.4	1.4	1.1	0.2	4.2	1.4	0.2	0.7	-0.2	0.1	
KCY8CT	2.5	-0.2	0.3	10.3	0.0	0.5	1.0	-0.3	0.5	3.3	0.2	0.3	0.8	0.1	0.2	
KMYV7B	3.2	1.0	0.4	14.7	1.6	1.0	1.8	2.4	1.1	4.7	1.9	1.8	1.0	1.2	0.5	
L78EEJ	3.1	0.9	1.0	10.3	0.0	0.6	1.1	0.0	0.5	3.1	-0.1	0.3	0.8	0.1	0.1	
LRA7X6	2.7	0.1	0.3	14.5	1.6	0.4	1.2	0.3	0.7	4.2	1.3	0.5	0.5	-0.9	0.1	
PKVQFJ	2.7	0.2	0.3	15.7	2.0	0.8	1.8	2.3	0.9	4.1	1.2	0.8	0.9	0.6	0.3	
QN8YGM	6.0	6.6X	1.4	10.2	0.0	3.1	1.2	0.2	0.6	2.6	-0.6	0.3	1.0	1.0	0.2	
QUFERW	3.5	1.7	4.8	9.5	-0.3	2.3	1.0	-0.3	3.2	3.0	-0.1	2.1	2.0	5.4	4.9	
R2TT88	3.0	0.6	0.2	11.1	0.3	0.2	1.2	0.4	0.1	3.3	0.3	0.1	0.8	0.4	0.2	
TEVJP7	3.5	1.8	0.7	14.3	1.5	1.9	3.6	8.7X	2.4	1.0	-2.6X	0.3	87.5	377.8X	36.3	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
UVZB72	2.1	-1.1	0.3	9.1	-0.5	0.5	0.9	-0.9	0.6	2.7	-0.6	1.3	0.5	-1.1			
ZAH9C4	2.0	-1.2	0.8	11.8	0.5	0.9	0.9	-0.7	1.8	3.3	0.2	3.0	0.7	-0.2	0.4		
Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
Grand Median	2.64			10.3			1.12			3.13			0.75				
Median Abs Dev	0.25			0.8			0.12			0.29			0.12				
Avg Within Lab SD	0.37			0.7			0.10			0.20			0.25				
Labs Included	27			27			27			27			27				
Labs Reporting	28			28			28			28			28				



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	0.77	-0.07	0.14	0.91	-0.12	0.26	0.90	0.00	0.13	0.89	-0.19	0.18	0.35	0.29	0.30	
6TJM2J	0.26	-1.88	0.04	0.26	-2.73	0.20	0.26	-2.54	0.04	0.28	-2.47	0.19	0.15	-0.71	0.31	
8WPZU3	0.79	-0.02	0.10	0.90	-0.16	0.21	0.78	-0.45	0.19	0.97	0.11	0.46	0.17	-0.63	0.10	
DP8FCX	0.92	0.43	0.14	0.96	0.07	0.04	0.94	0.17	0.14	0.95	0.02	0.04	0.43	0.73	0.01	
E9JJDF	0.77	-0.09	0.45	0.76	-0.75	0.41	0.74	-0.62	0.19	0.79	-0.56	0.32	0.12	-0.88	0.10	
EL427J	0.87	0.27	0.18	0.88	-0.24	0.16	0.81	-0.33	0.13	0.91	-0.10	0.14	0.25	-0.22	0.22	
FRQEHR	0.97	0.61	0.77	1.20	1.02	1.02	1.07	0.67	0.97	0.90	-0.15	0.89	1.03	3.78	1.00	
G4Z9CG	1.07	0.97	0.00	1.10	0.62	0.00	0.95	0.21	0.00	1.06	0.45	0.00	0.30	0.05	0.00	
GA76WG	0.79	0.00	0.10	0.95	0.02	0.06	1.17	1.09	0.11	1.06	0.43	0.27	0.48	0.95	0.55	
GK293W	0.99	0.68	0.13	1.49	2.17	0.47	1.16	1.03	0.22	1.33	1.46	0.82	0.35	0.32	0.43	
J4NJZF	0.70	-0.33	0.66	0.97	0.09	0.59	0.67	-0.91	0.37	0.87	-0.27	0.52	0.10	-0.97	0.00	
JC7UDF	0.96	0.58	0.07	1.01	0.28	0.16	0.96	0.26	0.10	1.21	1.02	0.19	0.35	0.32	0.13	
JWQRU7	0.72	-0.26	0.18	0.72	-0.88	0.62	0.61	-1.14	0.00	0.77	-0.62	0.29	0.20	-0.46	0.09	
KCY8CT	0.86	0.22	0.22	0.94	0.00	0.52	0.82	-0.31	0.32	1.08	0.53	0.49	0.25	-0.21	0.33	
L78EEJ	1.99	4.20	3.38	1.36	1.65	0.89	1.19	1.17	1.44	1.39	1.66	2.21	0.53	1.23	0.44	
PKVQFJ	0.96	0.58	0.18	1.19	1.00	0.79	1.33	1.73	0.51	1.30	1.33	0.31	0.50	1.08	0.28	
QN8YGM	0.70	-0.31	0.56	0.74	-0.80	0.83	0.92	0.11	3.18	0.76	-0.66	0.10	0.33	0.20	0.26	
QUFERW	0.74	-0.19	2.71	0.84	-0.43	3.84	0.81	-0.36	2.17	0.94	0.00	3.41	0.29	0.00	3.89	
R2TT88	0.90	0.37	0.13	0.97	0.10	0.39	0.92	0.09	0.15	1.02	0.29	0.07	0.14	-0.78	0.36	
TEVJP7	3.52	9.54X	4.27	3.50	10.21X	8.35	2.67	7.02X	3.51	2.19	4.67X	1.69	3.07	14.12X	4.75	
UVZB72	0.72	-0.24	0.25	0.77	-0.71	0.59	0.73	-0.65	0.37	0.70	-0.89	0.89	0.23	-0.29	0.50	
ZAH9C4	0.26	-1.87	0.62	0.86	-0.32	1.00	0.82	-0.32	1.50	0.68	-0.96	1.00	0.28	-0.07	1.82	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	0.79	0.94	0.90	0.94	0.29	
Median Abs Dev	0.09	0.11	0.11	0.14	0.09	
Avg Within Lab SD	0.15	0.10	0.16	0.11	0.12	
Labs Included	21	21	21	21	21	
Labs Reporting	22	22	22	22	22	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GRCDM	1.50	-0.48		0.52	-1.01	0.25	1.81	-0.94	0.43	9.16	-0.75	0.71	0.43	-0.83	0.30	
3UZ3DA	1.48	-0.54	0.40	0.61	-0.75	0.44	1.95	-0.67	0.31	10.06	-0.41	0.09	0.57	0.19	2.23	
4G8ZB8	1.93	0.55	0.41	1.08	0.65	0.12	2.68	0.83	0.32	12.78	0.64	0.29	0.65	0.69	0.49	
632WAQ	1.50	-0.48		0.71	-0.45	0.20	2.03	-0.49	0.42	9.70	-0.55	0.27	0.69	0.96	1.58	
667R8V	1.44	-0.64	0.27	0.57	-0.87	0.66	2.03	-0.49	1.64	8.62	-0.96	0.90	0.67	0.82	0.69	
67433X	1.69	-0.03	0.32	0.56	-0.91	0.07	1.66	-1.26	0.08	9.73	-0.54	0.43	0.55	0.00	0.11	
7VEVHY	1.77	0.16	0.51	0.80	-0.18	1.18	2.03	-0.49	0.42	10.73	-0.15	0.47	0.60	0.37	1.95	
97CDBD	1.60	-0.25	1.63	0.92	0.18	0.41	2.38	0.22	0.56	12.80	0.64	0.70	0.46	-0.60	0.59	
BWWDRL	1.45	-0.61	0.00	0.86	0.00	0.29	2.43	0.31	0.26	11.49	0.14	0.48	0.44	-0.72	0.13	
BZXGJ9	1.33	-0.88	0.51	0.77	-0.28	1.36	2.23	-0.08	0.42	12.30	0.45	0.27	0.33	-1.47	1.13	
C94NU3	1.44	-0.63	0.22	0.86	0.00	0.21	2.09	-0.38	0.43	11.36	0.09	0.49	0.42	-0.89	0.18	
CAZ2GV	1.84	0.32	1.11	1.09	0.67	1.58	2.82	1.13	1.13	14.34	1.23	1.29	0.57	0.16	0.90	
DNU9NV	1.80	0.23	0.18	0.77	-0.27	0.06	2.45	0.35	3.46	10.85	-0.10	0.19	0.63	0.54	0.15	
DP8FCX	2.80	2.63	0.32	1.33	1.39	0.60	1.66	-1.25	0.20	9.56	-0.60	0.58	0.52	-0.21	0.86	
FJX2KD	2.83	2.70	0.94	1.74	2.62	0.77	3.06	1.61	0.05	16.81	2.18	0.49	0.69	0.99	0.44	
GA76WG	2.51	1.93	0.19	1.16	0.89	0.40	1.80	-0.97	0.09	10.34	-0.30	0.11	0.67	0.86	0.42	
GK293W	1.39	-0.75	3.72	1.17	0.91	2.53	2.35	0.16	1.83	14.01	1.11	4.70	0.77	1.56	1.52	
HAKLTV	1.75	0.11	0.28	0.62	-0.72	0.47	2.15	-0.26	0.52	9.83	-0.50	1.01	0.43	-0.83	0.88	
HLE8VJ	1.69	-0.04	0.18	1.07	0.62	0.12	2.56	0.58	1.19	10.68	-0.17	0.54	0.65	0.71	1.22	
JBLB7N	2.06	0.86	0.51	0.69	-0.51	0.57	2.28	0.02	0.57	10.70	-0.16	0.41	0.67	0.83	0.92	
JYX9QG	2.25	1.31	0.69	1.35	1.46	0.69	3.26	2.02	0.07	16.18	1.94	0.15	0.55	0.02	0.10	
JZRX9C	1.89	0.44	0.52	0.66	-0.59	0.68	2.07	-0.43	0.35	10.75	-0.14	0.93	0.61	0.44	0.24	
KFYB4F	1.77	0.16	1.84	0.77	-0.28	2.61	2.83	1.14	1.70	13.00	0.72	1.33	0.43	-0.83	2.16	
KMYV7B	1.35	-0.83	1.24	0.68	-0.53	1.08	2.27	0.00	0.99	12.42	0.50	1.22	0.45	-0.66	1.53	
LCWXX2	1.38	-0.77	1.32	0.15	-2.13	1.87	1.83	-0.91	1.92	13.48	0.90	0.42				
N29KUM	1.60	-0.24	0.00	0.67	-0.58	0.68	1.87	-0.83	0.42	9.93	-0.46	0.28	0.40	-1.01	0.00	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NYXZNY	2.60	2.14		2.00	3.39X					26.20	5.79X					
PKWW77	1.57	-0.31	2.04	0.89	0.08	0.25	2.23	-0.09	1.17	10.96	-0.06	0.31	0.48	-0.48	0.69	
QPMFD2	1.40	-0.72	0.88	0.77	-0.28	0.68	1.97	-0.63	0.42	10.87	-0.10	0.08	0.37	-1.24	1.13	
RR42LF	2.00	0.71	0.36	1.15	0.85	3.06	2.41	0.28	0.37	18.90	2.99	0.09	0.39	-1.09	0.98	
TEVJP7	1.73	0.08	1.35	0.64	-0.67	0.79	2.39	0.24	0.63	11.12	0.00	2.16	0.56	0.09	0.89	
TJQDKL	2.71	2.40	0.18	1.25	1.16	0.12	1.66	-1.25	0.07	10.55	-0.22	0.14	0.51	-0.28	0.30	
UR2WJB	1.71	0.03	0.42	0.54	-0.96	0.12	1.79	-0.99	0.39	8.33	-1.07	0.37	0.53	-0.11	0.39	
WGDABY	1.65	-0.12	0.14	0.88	0.07	0.25	2.43	0.32	0.19	13.72	1.00	0.81	0.38	-1.12	0.30	
XEYU96	1.73	0.07	0.15	1.03	0.50	0.12	2.76	1.00	0.77	12.40	0.49	0.13	0.49	-0.41	0.11	
XFC7BF	1.93	0.55	1.02	1.10	0.71	0.00	2.80	1.08	0.74	14.57	1.32	0.20	0.60	0.37	0.00	
YPCE8R	1.67	-0.08	0.31	0.97	0.32	0.12	2.47	0.39	0.55	13.46	0.90	0.10	0.46	-0.60	0.34	
YX9DHD	2.10	0.95	0.88	0.91	0.15	0.48	2.67	0.80	0.85	13.03	0.73	0.08	0.72	1.19	0.59	
ZAH9C4	1.69	-0.03	0.49	1.07	0.61	0.65	2.75	0.97	1.92	12.79	0.64	0.44	0.66	0.80	2.12	
ZF42QN	1.60	-0.24	0.00	0.70	-0.48	0.00	2.07	-0.42	0.42	9.97	-0.44	0.08	2.27	11.84X	2.98	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Grand Median	1.70			0.86			2.27			11.1			0.55		
Median Abs Dev	0.21			0.20			0.28			1.4			0.10			
Avg Within Lab SD	0.11			0.08			0.14			0.8			0.05			
Labs Included	40			39			39			39			37			
Labs Reporting	40			40			39			40			38			



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GRCDM	1.98	0.40	0.07	1.97	-0.28	0.36	7.75	-0.20	0.22	4.24	-0.15	0.19	26.36	0.27	0.10	
3UZ3DA	1.03	-0.53	0.45	1.61	-0.51	0.41	6.84	-0.40	0.38	3.22	-0.52	1.10	29.03	0.98	0.66	
4G8ZB8	1.99	0.41	0.05	3.03	0.41	0.41	11.03	0.54	0.08	6.07	0.52	0.84	21.93	-0.90	1.30	
632WAQ	0.52	-1.04	0.34	1.24	-0.75	0.20	5.41	-0.72	0.15	3.39	-0.46	0.14	25.72	0.10	0.26	
667R8V	1.32	-0.25	0.61	1.37	-0.67	0.25	5.77	-0.64	0.88	3.12	-0.56	1.07	22.17	-0.84	0.55	
67433X	0.70	-0.85	0.07	1.35	-0.68	0.04	4.68	-0.88	0.03	2.51	-0.78	0.03	22.39	-0.78	0.07	
7VEVHY	1.67	0.09	0.25	2.40	0.00	0.35	8.10	-0.12	0.13	5.17	0.19	0.12	27.03	0.45	0.27	
97CDBD	1.41	-0.16	1.50	2.75	0.23	0.97	9.20	0.13	1.02	5.29	0.24	1.50	23.83	-0.40	0.49	
BWWDRL	2.42	0.83	0.47	3.85	0.94	0.25	13.73	1.14	0.80	7.71	1.12	0.25	21.90	-0.91	0.16	
BZXGJ9	1.13	-0.43	0.25	2.70	0.19	0.00	8.00	-0.14	0.13	4.23	-0.15	0.12	25.33	0.00	0.19	
C94NU3	0.40	-1.15	0.07	1.45	-0.61	0.11	4.84	-0.85	0.03	3.14	-0.55	0.04	18.51	-1.80	0.58	
CAZ2GV	2.28	0.69	1.99	4.06	1.07	2.24	12.27	0.81	1.61	7.48	1.04	2.35	27.03	0.45	0.87	
DNU9NV	2.08	0.50	0.75	3.06	0.43	0.67	9.54	0.20	0.05	4.98	0.12	0.48	28.50	0.84	0.88	
FJX2KD	1.48	-0.09	1.07	1.93	-0.30	0.94	7.17	-0.33	0.85	4.06	-0.21	1.35	23.50	-0.48	0.60	
GK293W	1.33	-0.24	0.76	3.52	0.73	1.62	10.29	0.37	2.66	5.36	0.26	1.06	21.07	-1.13	3.47	
HAKLTV	1.08	-0.48	0.69	1.50	-0.58	0.42	6.12	-0.56	0.13	3.02	-0.59	0.46	24.30	-0.27	0.46	
HLE8VJ	1.97	0.39	0.40	4.73	1.51	0.71	9.86	0.27	0.57	5.06	0.15	0.78	25.72	0.10	1.15	
JBLB7N	2.34	0.75	0.51	2.26	-0.09	0.35	11.38	0.61	0.60	5.67	0.37	0.77	27.83	0.66	0.66	
JYX9QG	1.66	0.09	0.33	4.22	1.18	0.59	13.52	1.09	0.17	7.06	0.88	0.26	27.28	0.51	0.09	
JZRX9C	2.29	0.71	2.31	2.79	0.26	0.86	11.40	0.62	0.68	6.70	0.75	2.06	28.42	0.82	1.12	
KFYB4F	0.90	-0.66	0.50	2.17	-0.15	1.73	11.67	0.68	1.50	4.57	-0.03	0.52	23.33	-0.53	1.18	
KMYV7B	1.74	0.16	1.33	2.83	0.28	1.22	11.32	0.60	1.47	5.62	0.36	0.32	25.59	0.07	1.69	
LCWXX2	7.35	5.66X	3.75	5.89	2.26	2.62	16.25	1.70	0.37	13.00	3.05	1.19	25.70	0.10	0.46	
N29KUM	0.57	-0.99	0.25	1.27	-0.73	0.20	4.90	-0.83	0.13	2.87	-0.65	0.32	21.67	-0.97	0.04	
PKWW77	0.69	-0.87	0.48	1.44	-0.62	0.83	4.98	-0.82	0.16	2.40	-0.82	1.10	25.39	0.01	0.48	
QPMFD2	0.87	-0.69	0.25	1.27	-0.73	0.73	6.70	-0.43	0.26	2.77	-0.69	0.12	21.23	-1.08	1.96	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RR42LF	2.61	1.02	0.16	2.82	0.27	0.32	5.61	-0.67	0.04	4.65	0.00	0.20	21.54	-1.00	0.05	
TEVJP7	0.91	-0.65	0.46	1.80	-0.39	0.79	8.63	0.00	0.40	3.27	-0.50	0.86	33.95	2.28	1.14	
TJQDKL	3.21	1.60	2.46	1.62	-0.50	0.80	4.31	-0.97	0.38	3.20	-0.53	0.64	28.39	0.81	0.11	
UR2WJB	0.74	-0.81	0.18	1.02	-0.90	0.56	4.79	-0.86	0.55	2.14	-0.92	0.69	24.96	-0.10	1.35	
WGDABY	0.40	-1.15	0.00	1.33	-0.69	0.20	5.47	-0.71	0.40	2.80	-0.68	0.41	21.27	-1.08	0.80	
XEYU96	2.27	0.68	0.11	4.17	1.15	0.16	15.77	1.59	0.15	5.37	0.26	0.24	24.73	-0.16	0.82	
XFC7BF	1.67	0.09	2.47	3.00	0.39		9.33	0.16	0.75	6.33	0.62	1.20	25.00	-0.09		
YPCE8R	1.99	0.41	0.13	3.72	0.85	0.17	12.42	0.85	0.16	6.26	0.59	0.17	27.69	0.62	0.35	
YX9DHD	0.90	-0.66	0.00	1.87	-0.35	0.20	7.37	-0.28	0.54	3.73	-0.33	0.60	28.63	0.87	0.04	
ZAH9C4	3.01	1.40	2.06	4.85	1.59	2.84	17.56	1.99	3.93	9.49	1.77	2.98	27.44	0.56	1.37	
ZF42QN	4.00	2.38		5.00	1.68		14.00	1.20		14.33	3.54	1.20	18.00	-1.94	0.77	

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	1.57			2.40			8.63			4.65			25.3			
Median Abs Dev	0.67			0.95			2.86			1.45			2.4			
Avg Within Lab SD	0.23			0.28			0.77			0.48			1.3			
Labs Included	36			37			37			37			37			
Labs Reporting	37			37			37			37			37			



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups																Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	11.2	0.3	0.1	8.0	-0.6	0.2	38.7	-0.4	0.6	11.0	-0.7	0.1	70.8	0.1	0.1			
3UZ3DA	8.6	-0.8	0.2	7.7	-0.7	0.2	35.2	-0.6	0.1	10.3	-0.9	0.2	71.1	0.1	0.6			
4G8ZB8	13.6	1.3	0.4	13.4	0.5	0.1	54.3	0.8	0.1	17.2	0.7	0.2	77.1	0.4	0.3			
632WAQ	8.2	-1.0	0.3	8.1	-0.6	0.1	40.8	-0.2	0.2	12.1	-0.5	0.3	69.6	0.0	0.7			
667R8V	12.0	0.6	0.9	8.6	-0.5	0.6	39.6	-0.3	0.5	13.2	-0.2	0.5	104.4	1.7	0.3			
67433X	9.9	-0.3	0.1	8.4	-0.5	0.1	38.5	-0.4	0.0	11.5	-0.6	0.0	69.2	0.0	0.0			
7VEVHY	10.5	0.0	0.1	9.6	-0.3	0.3	40.7	-0.2	0.4	12.6	-0.3	0.1	80.8	0.6	0.3			
97CDBD	9.6	-0.4	1.3	12.6	0.3	0.7	44.2	0.1	0.7	14.9	0.2	0.3	60.2	-0.5	0.5			
BWWDRL	11.1	0.3	0.4	13.9	0.6	0.7	58.2	1.1	1.2	19.6	1.2	2.1	72.2	0.1	0.2			
BZXGJ9	11.6	0.5	0.9	14.2	0.7	0.1	45.4	0.1	0.1	16.4	0.5	0.1	67.2	-0.1	1.0			
C94NU3	6.9	-1.5	0.1	9.2	-0.4	0.1	33.7	-0.7	0.2	12.5	-0.4	0.2	49.9	-1.0	0.8			
CAZ2GV	12.9	1.0	1.0	17.4	1.3	1.4	67.4	1.8	0.3	19.0	1.1	0.3	98.1	1.4	0.8			
DNU9NV	10.7	0.1	0.4	10.6	-0.1	0.2	42.1	-0.1	0.3	14.1	0.0	0.1	75.7	0.3	0.2			
FJX2KD	25.2	6.2X	4.3	32.8	4.5X	2.1	84.5	3.0	0.8	23.9	2.2	0.4	117.5	2.4	1.7			
GK293W	13.5	1.3	4.5	23.6	2.6	4.6	124.0	5.9X	14.0	23.8	2.2	4.7	196.0	6.3X	3.4			
HAKLTV	10.6	0.0	1.1	9.7	-0.3	0.6	46.2	0.2	1.4	12.8	-0.3	1.0	69.7	0.0	1.0			
HLE8VJ	10.7	0.1	0.3	13.7	0.5	0.1	43.5	0.0	0.1	14.0	0.0	0.4	53.4	-0.8	0.2			
JBLB7N	13.2	1.1	0.4	9.0	-0.4	0.4	38.4	-0.4	0.9	14.5	0.1	0.5	83.1	0.7	0.5			
JYX9QG	7.1	-1.4	0.2	14.8	0.8	0.4	41.7	-0.1	0.1	12.6	-0.4	0.1	48.7	-1.0	0.5			
JZRX9C	12.6	0.9	0.5	9.7	-0.3	0.8	38.0	-0.4	0.8	14.2	0.0	0.6	81.8	0.6	0.6			
KFYB4F	10.2	-0.1	0.8	12.3	0.3	1.9	49.0	0.4	1.4	18.0	0.9	1.3	68.3	-0.1	2.9			
KMYV7B	9.8	-0.3	0.7	12.1	0.2	1.3	62.9	1.4	4.3	18.5	1.0	2.0	97.3	1.4	3.1			
LCWXX2	12.2	0.7	0.8	11.5	0.1	0.2	43.6	0.0	1.2	13.5	-0.1	0.2	56.2	-0.7	0.1			
N29KUM	9.3	-0.5	0.2	8.5	-0.5	0.5	43.8	0.0	1.2	12.6	-0.4	0.5	58.4	-0.6	0.3			
NYXZNY	9.4	-0.5		22.9	2.4					19.0	1.1							
PKWW77	9.9	-0.3	1.3	10.0	-0.2	0.4	35.9	-0.6	0.8	12.0	-0.5	0.6	58.2	-0.6	0.9			



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QPMFD2	7.7	-1.2	0.6	7.0	-0.8		28.7	-1.1	0.3	14.3	0.0	0.3	47.7	-1.1	1.3	
RR42LF	11.1	0.2	0.7	14.5	0.7	0.2	44.7	0.1	0.1	16.7	0.6	0.2	62.0	-0.4	0.1	
TEVJP7	7.2	-1.4	0.9	6.4	-0.9	0.6	35.0	-0.6	0.4	10.6	-0.8	0.2	68.0	-0.1	0.5	
TJQDKL	9.5	-0.4	0.4	8.0	-0.6	0.2	35.9	-0.6	1.0	9.5	-1.1	0.1	65.3	-0.2	0.2	
UR2WJB	8.2	-1.0	0.5	6.8	-0.9	0.8	32.6	-0.8	0.8	9.8	-1.0	0.3	59.1	-0.5	0.8	
WGDABY	7.0	-1.5		8.7	-0.5	0.4	29.0	-1.1	0.3	10.7	-0.8	0.3	40.3	-1.5	0.2	
XEYU96	12.2	0.7	0.2	14.1	0.6	0.1	55.3	0.9	0.2	14.2	0.0	0.1	69.5	0.0	0.7	
XFC7BF	13.0	1.1	1.1	16.0	1.0	0.7	56.7	1.0	0.2	19.3	1.2	0.3	76.3	0.3	0.7	
YPCE8R	10.5	0.0	0.1	13.3	0.5	0.2	49.0	0.4	0.1	15.5	0.3	0.1	74.1	0.2	0.1	
YX9DHD	13.5	1.3	0.7	17.0	1.2	0.8	77.7	2.5	0.5	22.3	1.9	0.6	136.0	3.3	0.8	
ZAH9C4	11.6	0.5	0.2	15.0	0.8	0.4	61.3	1.3	1.3	18.0	0.9	0.4	87.2	0.9	2.0	
ZF42QN	9.0	-0.6														

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	10.5			11.0			43.5			14.2			69.6			
Median Abs Dev	1.5			2.8			5.6			2.5			10.5			
Avg Within Lab SD	0.9			1.4			3.8			2.0			5.7			
Labs Included	37			36			35			37			35			
Labs Reporting	38			37			36			37			36			



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GRCDM	0.77	0.00	0.11	2.51	-0.87	0.76	0.32	-0.39	0.27	0.81	-0.84	0.58	0.36	0.00	0.00	
3UZ3DA	0.74	-0.19	1.81	2.47	-0.91	0.70	0.31	-0.43	2.14	0.90	-0.52	3.00	0.36	0.00	1.96	
4G8ZB8	0.98	1.31	0.58	4.19	0.72	0.32	0.46	0.57	0.23	1.08	0.15	0.73	0.40	0.44	0.43	
632WAQ	0.61	-0.98	0.17	2.77	-0.63	0.26	0.40	0.17	0.00	0.87	-0.63	0.97	0.40	0.48	0.00	
667R8V	0.58	-1.16	0.27	2.59	-0.79	0.92	0.41	0.26	0.65	0.79	-0.91	0.89	0.44	1.00	1.58	
67433X	0.70	-0.42	0.10	2.92	-0.48	0.11	0.32	-0.35	0.58	0.92	-0.42	0.42	0.42	0.76	0.72	
7VEVHY	0.77	0.00	0.56	2.97	-0.44	0.26	0.37	-0.06	1.33	0.93	-0.39	0.97	0.47	1.29	1.64	
97CDBD	0.63	-0.88	0.61	4.00	0.54	0.89	0.39	0.12	1.50	1.15	0.42	1.65	0.33	-0.40	1.83	
BWWDRL	0.81	0.29	0.17	4.09	0.62	0.20	0.56	1.22	0.21	1.19	0.57	0.54	0.38	0.22	0.26	
BZXGJ9	0.93	1.04	0.56	4.83	1.33	0.26	0.40	0.17	0.00	1.40	1.33	0.00	0.43	0.88	1.64	
C94NU3	0.56	-1.31	0.03	3.33	-0.09	0.04	0.26	-0.80	0.56	0.97	-0.25	0.30	0.25	-1.31	0.27	
CAZ2GV	0.79	0.17	0.32	4.30	0.82	0.95	0.45	0.50	0.20	1.27	0.86	0.74	0.35	-0.08	0.14	
DNU9NV	0.74	-0.16	0.21	3.25	-0.17	0.59	0.34	-0.21	0.23	1.03	-0.05	0.89	0.41	0.57	0.21	
FJX2KD	1.09	2.01	0.06	6.04	2.48	0.32	0.65	1.86	0.06	1.61	2.10	0.46	0.27	-1.05	0.23	
GK293W	0.65	-0.74	0.37	3.51	0.08	1.17	0.43	0.34	3.04	0.97	-0.24	1.02	0.33	-0.39	2.05	
HAKLTV	0.70	-0.44	0.29	3.03	-0.38	1.14	0.33	-0.33	0.48	0.88	-0.60	0.76	0.31	-0.61	0.28	
HLE8VJ	0.69	-0.48	0.17	4.59	1.10	0.29	0.29	-0.55	0.35	1.05	0.03	1.27	0.26	-1.17	0.87	
JBLB7N	0.94	1.08	0.09	2.86	-0.54	0.46	0.33	-0.29	0.57	0.94	-0.36	0.27	0.42	0.75	0.69	
JYX9QG	0.89	0.77	0.21	5.11	1.60	0.37	0.45	0.52	0.09	1.24	0.74	0.17	0.35	-0.12	0.06	
JZRX9C	0.78	0.10	0.31	2.42	-0.96	1.14	0.30	-0.52	0.50	1.02	-0.06	1.51	0.42	0.78	0.65	
KFYB4F	0.83	0.40	0.42	3.57	0.13	4.20	0.56	1.23	0.35	1.23	0.71	0.97	0.33	-0.32	0.43	
KMYV7B	0.71	-0.37	1.45	3.56	0.12	0.96	0.31	-0.46	1.69	1.03	-0.03	1.60	0.34	-0.25	2.12	
LCWXX2	0.93	1.01	0.45	3.85	0.40	1.20	0.59	1.43	1.19	1.30	0.97	0.38	0.41	0.61	0.09	
N29KUM	0.77	0.00	0.56	2.87	-0.54	0.53	0.30	-0.51	0.00	0.90	-0.51	0.00	0.30	-0.73	0.00	
PKWW77	0.73	-0.25	0.95	3.22	-0.20	1.60	0.36	-0.08	0.27	1.00	-0.14	0.89	0.41	0.56	1.00	
QPMFD2	0.60	-1.04	0.96	2.87	-0.54	0.26	0.13	-1.63	1.33	0.80	-0.88	0.00	0.17	-2.34	1.64	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RR42LF	0.98	1.30	0.19	7.05	3.43X	0.13	0.59	1.45	0.55	1.84	2.93X	0.48	0.42	0.74	0.28	
TEVJP7	0.60	-1.06	0.20	2.25	-1.12	1.47	0.72	2.35	2.68	0.55	-1.81	1.18	0.39	0.40	1.19	
TJQDKL	0.85	0.50	0.31	3.35	-0.08	0.20	0.38	0.06	0.27	1.08	0.15	0.29	0.34	-0.20	0.16	
UR2WJB	0.90	0.83	0.00	2.31	-1.06	0.86	0.27	-0.73	0.13	0.74	-1.09	0.35	0.33	-0.32	0.43	
WGDABY	0.67	-0.60	0.10	3.85	0.40	0.34	0.26	-0.78	0.23	1.05	0.05	0.86	0.26	-1.25	0.16	
XEYU96	0.96	1.19	0.29	4.36	0.88	0.11	0.61	1.57	0.27	1.18	0.53	0.10	0.43	0.84	0.57	
XFC7BF	0.70	-0.44	5.05	4.84	1.33	0.16	0.51	0.93	0.30	1.49	1.64	0.88	0.47	1.36	0.39	
YPCE8R	0.74	-0.15	0.15	4.43	0.95	0.05	0.33	-0.33	0.13	1.27	0.84	0.42	0.35	-0.16	0.33	
YX9DHD	0.93	1.04	0.28	3.57	0.13	0.53	0.50	0.84	0.46	1.25	0.78	0.84	0.48	1.41	0.16	
ZAH9C4	0.73	-0.21	0.92	3.89	0.44	0.08	0.34	-0.25	1.26	1.12	0.28	1.33	0.32	-0.47	1.81	
ZF42QN	0.93	1.04	0.56	3.00	-0.41	0.91	1.00	4.22X	2.31	1.70	2.43	1.68	1.23	10.55X	4.35	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	0.77			3.43			0.38			1.04			0.36			
Median Abs Dev	0.10			0.57			0.07			0.15			0.05			
Avg Within Lab SD	0.10			0.22			0.04			0.06			0.04			
Labs Included	37			36			36			36			36			
Labs Reporting	37			37			37			37			37			



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
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	
TEVJP7	1.15		1.00	2.43		1.00	32.67		1.00	1.53		1.00	6.30		1.00	

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	1.15			2.43			32.7			1.53			6.30			
Median Abs Dev																
Avg Within Lab SD	0.10			0.15			3.5			0.15			0.56			
Labs Included	1			1			1			1			1			
Labs Reporting	1			1			1			1			1			



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Cl - Ca(NO ₃) ₂ Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7VEVHY	0.67	-1.25	0.33	3.02	-1.22	0.39	4.35	-0.75	1.05	3.70	-0.78	0.76	2.83	-0.43	1.18	
97CDBD	2.50	0.47	1.12	5.40	0.18	0.91	7.00	0.43	1.53	6.50	1.00	0.71	4.27	0.48	0.91	
BZXGJ9	0.42	-1.49	0.08	3.43	-0.98	0.80	5.40	-0.28	0.65	4.67	-0.17	1.07	2.60	-0.58	1.20	
EL427J	3.67	1.57	0.61	7.27	1.27	0.30	10.10	1.80	1.61	7.80	1.83	0.63	5.40	1.20	1.68	
JBLB7N	2.15	0.14	1.32	4.56	-0.32	0.36	7.16	0.50	0.48	6.45	0.97	1.20	4.96	0.91	0.14	
KFYB4F	1.53	-0.44	0.83	5.40	0.18	1.96	5.80	-0.10	1.12	5.03	0.06	0.72	2.20	-0.83	0.42	
N29KUM	3.10	1.03	1.99	3.43	-0.98	0.50	5.10	-0.41	0.25	4.77	-0.11	0.59	4.20	0.43	0.42	
RR42LF	2.01	0.00	0.43	7.36	1.32	1.76	11.05	2.22	1.16	4.44	-0.31	2.13	2.75	-0.48	1.30	
WGDABY	1.63	-0.35	0.83	5.37	0.16	0.80	6.27	0.10	0.37	7.20	1.45	0.24	2.47	-0.66	1.00	
YX9DHD	2.00	0.00		4.83	-0.16	0.57	5.67	-0.16	0.71	4.83	-0.06	0.68	4.67	0.73	0.69	

Cl - Ca(NO ₃) ₂ Extr. (SubTestCode 176) in the Micronutrients Property Groups						Data units: mg/kg	
	SRS1711		SRS1712		SRS1713	SRS1714	SRS1715
Grand Median	2.00		5.10		6.03	4.93	3.51
Median Abs Dev	0.48		1.11		0.95	0.86	0.98
Avg Within Lab SD	0.25		0.50		0.41	0.42	0.42
Labs Included	10		10		10	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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	0.68	0.91	0.70	0.71	0.95	1.30	1.26	0.94	0.61	1.01	0.62	0.47	0.21	-0.12	0.45	
8MZA AV	0.37	-0.64	0.30	0.57	0.32	1.89	0.78	-0.49	1.47	0.58	-0.78	0.52	0.09	-0.99	0.34	
97CDBD	0.34	-0.79	3.55	0.45	-0.20	0.59	1.16	0.66	0.25	0.88	0.17	0.34	0.29	0.42	0.13	
AW39XM	0.55	0.29	0.17	0.53	0.17	0.07	0.93	-0.05	0.22	0.74	-0.28	0.10	0.23	0.05	0.11	
BWWDRL	0.71	1.09	0.38	0.70	0.89	1.40	1.37	1.29	0.57	1.10	0.90	0.69	0.28	0.39	0.21	
CAZ2GV	0.10	-1.98		0.10	-1.72		0.40	-1.63		0.10	-2.35					
CWVXUF	0.45	-0.22		0.38	-0.49		1.06	0.35		0.82	-0.01		0.22	-0.05		
GA76WG	0.72	1.11	0.40	0.54	0.22	0.52	0.90	-0.14	0.07	0.83	0.01	0.19	0.43	1.45	0.19	
GMU4P6	0.60	0.51	0.54	0.86	1.61	0.27	1.06	0.36	0.25	0.88	0.18	0.43	0.10	-0.89	0.00	
HAKLTV	0.36	-0.69	0.72	0.36	-0.60	0.36	0.91	-0.11	2.08	0.78	-0.15	1.88	0.28	0.38	1.03	
HMNAJ4	0.47	-0.12	0.29	0.45	-0.20	1.50	1.04	0.29	0.21	0.86	0.12	0.49	0.18	-0.31	1.11	
JBLB7N	0.54	0.21	0.44	0.45	-0.17	0.59	0.94	-0.02	0.31	0.74	-0.26	0.57	0.19	-0.23	0.37	
JYX9QG	0.85	1.77	0.42	0.76	1.18	0.36	1.76	2.44	2.42	1.42	1.95	1.09	0.24	0.11	2.53	
JZRX9C	0.50	0.02	0.66	0.40	-0.39	0.51	0.81	-0.39	0.53	0.71	-0.35	0.47	0.23	0.05	0.65	
QUFERW	0.52	0.11	2.18	0.72	0.98	2.70	0.95	0.02	2.18	0.93	0.36	3.30	0.20	-0.19	0.00	
R6R7VW	0.43	-0.32	0.14	0.40	-0.42	0.13	1.10	0.48	0.50	0.85	0.09	0.28	0.22	-0.05	0.22	
RR42LF	0.49	-0.02	0.10	0.62	0.54	0.05	0.57	-1.10	0.07	0.78	-0.14	0.16	0.16	-0.48	0.10	
TEVJP7	0.10	-1.97	0.22	0.12	-1.61	0.82	0.25	-2.08	0.55	0.06	-2.49	0.34	0.44	1.51	2.06	
TJQDKL	0.56	0.35	0.08	0.60	0.45	0.13	0.75	-0.57	0.56	0.62	-0.67	0.19	0.44	1.48	0.34	
WWJ4UF	0.43	-0.35	0.83	0.42	-0.33	0.75	0.93	-0.03	0.71	0.62	-0.66	0.51	0.04	-1.35	0.23	
X9XFPP	0.63	0.70	0.10	0.65	0.67	0.35	1.28	1.00	0.20	1.06	0.78	0.06	0.25	0.19	0.09	
ZAH9C4	0.34	-0.78	0.42	0.27	-0.98	1.10	0.73	-0.63	0.69	0.57	-0.81	0.61	0.21	-0.13	1.35	
ZF42QN	0.73	1.20	0.82	0.70	0.90	0.00	1.20	0.77	1.21	1.40	1.87	1.63	0.80	4.05	2.24	
ZG3AU2	0.49	-0.03	0.65	0.45	-0.18	1.05	1.06	0.34	0.53	0.88	0.19	0.86				



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups						Data units: mg/kg
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	0.49	0.49	0.94	0.82	0.23	
Median Abs Dev	0.12	0.12	0.16	0.11	0.05	
Avg Within Lab SD	0.07	0.04	0.08	0.06	0.04	
Labs Included	24	24	24	24	22	
Labs Reporting	24	24	24	24	22	



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GRCDM	0.21	-0.97	0.13	0.24	-0.50	0.18	0.24	-1.27	0.13	0.28	-0.78	0.29				
632WAQ	0.24	-0.49	0.46	0.24	-0.51	0.19	0.28	-0.71	0.03	0.32	-0.37	0.38	0.06	-0.84	0.13	
667R8V	0.30	0.40	0.59	0.29	0.08	0.86	0.37	0.38	0.47	0.32	-0.38	1.30	0.13	0.00	0.42	
67433X	0.34	0.97	0.22	0.34	0.57	0.47	0.35	0.08	0.27	0.37	0.30	0.76	0.17	0.37	0.22	
7VEVHY	0.29	0.24	0.22	0.28	-0.04	0.31	0.34	0.00	0.13	0.36	0.18	0.57	0.12	-0.19	0.80	
BZXGJ9	0.40	1.84	0.00	0.50	2.33		0.40	0.76	0.00	0.50	1.81		0.10	-0.37	0.00	
C94NU3	0.23	-0.63	0.11	0.32	0.38	0.14	0.29	-0.60	0.04	0.37	0.22	1.11	0.09	-0.48	0.06	
GK293W	0.24	-0.50	3.32	0.45	1.82	1.14	0.36	0.29	3.68	0.46	1.35	0.88	0.28	1.65	2.08	
KFYB4F	0.34	0.97	0.62	0.35	0.72	3.03	0.52	2.29	0.54	0.49	1.69	1.41	0.21	0.79	2.44	
N29KUM	0.25	-0.34		0.21	-0.79	0.53	0.34	-0.04	0.59	0.29	-0.70	0.99	0.19	0.62	0.38	
PKWW77	0.29	0.29	1.08	0.28	0.00	0.98	0.36	0.30	0.63	0.33	-0.18	1.60	0.23	1.10	0.80	
QPMFD2	0.19	-1.16	0.34	0.20	-0.86	0.35	0.23	-1.36	0.07	0.28	-0.82	0.00	0.12	-0.15	0.66	
UR2WJB	0.36	1.26	0.44	0.24	-0.43	0.77	0.29	-0.59	0.20	0.33	-0.26	0.76	0.11	-0.26	0.38	
WGDABY	0.27	-0.05	0.22	0.35	0.72	0.61	0.31	-0.42	0.20	11.00	127.14X	49.75	41.00	452.21X	38.36	
XFC7BF	1.00	10.51X	0.16	1.07	8.41X	0.47	1.10	9.66X	0.26	1.18	9.89X	0.57	0.92	8.73X	0.85	
YX9DHD	0.27	0.00	0.63	0.25	-0.39	0.18	0.42	1.02	0.00	0.38	0.42	1.44	0.31	1.95	0.66	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	0.27			0.28			0.34			0.35			0.13			
Median Abs Dev	0.03			0.05			0.05			0.03			0.04			
Avg Within Lab SD	0.05			0.03			0.08			0.02			0.03			
Labs Included	15			15			15			14			13			
Labs Reporting	16			16			16			16			15			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7VEVHY	0.12	0.00	0.15	0.25	-0.01	0.50	0.18	0.00	0.24	0.15	0.00	0.84	0.05	-0.33	0.21	
97CDBD	0.13	0.33	0.22	0.25	0.04	0.22	0.18	-0.07	0.10	0.15	-0.30	1.31	0.05	0.12	0.07	
97NAFH	0.17	2.59	2.49	0.28	1.32	1.19	0.22	1.99	0.63	0.17	1.32	1.44	0.08	1.86	1.75	
AW39XM	0.12	-0.14	0.05	0.24	-0.15	0.20	0.18	-0.20	0.31	0.15	-0.04	0.69	0.05	-0.23	0.31	
CAZ2GV	0.10	-0.93	0.16	0.21	-1.24	0.73	0.15	-1.44	0.59	0.13	-1.73	0.14	0.04	-0.86	0.74	
MBDBYJ	0.12	-0.20	0.67	0.24	-0.36	2.00	0.17	-0.49	2.14	0.15	0.02	1.98	0.03	-1.12	1.11	
UR2WJB	0.14	0.80	1.00	0.32	2.53	1.44	0.20	1.09	1.67	0.18	1.85	0.00	0.06	0.29	1.41	
XFC7BF	0.12	-0.10	1.12	0.25	0.00	0.80	0.19	0.44	0.63	0.15	-0.26	0.30	0.07	1.26	1.41	
YPCE8R	0.14	0.98	0.00	0.26	0.43	0.00	0.19	0.35	0.56	0.16	0.54	0.00	0.05	0.00	0.19	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	0.12			0.25			0.18			0.15			0.052			
Median Abs Dev	0.01			0.01			0.01			0.00			0.006			
Avg Within Lab SD	0.01			0.01			0.01			0.00			0.008			
Labs Included	9			9			9			9			9			
Labs Reporting	9			9			9			9			9			



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
632WAQ	0.15	1.05	0.00	0.28	0.90	0.00	0.22	0.86	0.35	0.18	1.16	1.05	0.07	0.78	1.06	
97CDBD	0.13	-0.19	0.32	0.26	0.00	0.35	0.19	-0.46	0.28	0.15	-0.42	0.21	0.05	-0.20	0.18	
AV7VBU	0.13	-0.06	1.95	0.26	-0.19	2.93	0.22	0.78	3.89	0.15	-0.50	2.57	0.06	0.39	2.59	
AW39XM	0.13	-0.21	0.32	0.26	0.16	0.14	0.20	0.00	0.07	0.16	0.08	0.38	0.05	-0.24	0.21	
CWVXUF	0.12	-0.43	0.80	0.26	0.03	0.00	0.19	-0.32	0.00	0.16	0.00	0.00	0.05	0.00	1.06	
DNU9NV	0.14	0.57	0.35	0.29	1.12	0.14	0.21	0.75	0.04	0.18	1.05	0.18	0.07	0.88	0.28	
EL427J	0.13	-0.21	0.29	0.25	-0.48	0.35	0.19	-0.25	0.15	0.16	-0.22	0.10	0.05	-0.08	0.00	
FJX2KD	0.16	1.33	0.00	0.28	1.08	0.00	0.21	0.76	0.00	0.18	1.09	0.00	0.07	1.02	0.00	
JBLB7N	0.13	0.00	0.04	0.25	-0.49	0.36	0.19	-0.46	0.13	0.15	-0.33	0.54	0.05	-0.22	0.29	
JYX9QG	0.15	1.19	2.73	0.26	-0.16	0.44	0.20	0.26	0.91	0.17	0.68	1.36	0.04	-0.71	0.36	
MFNLQD	0.14	0.31	0.80	0.24	-0.70	0.80	0.19	-0.47	0.35	0.16	-0.17	1.05	0.05	0.00	1.06	
N29KUM	0.14	0.73	0.57	0.28	0.83	0.21	0.22	1.02	0.23	0.18	0.93	1.00	0.08	1.31	0.38	
PKWW77	0.12	-0.82	0.21	0.23	-1.13	1.38	0.18	-0.87	0.49	0.15	-0.50	0.96	0.08	1.84	2.19	
R2TT88	0.11	-1.08	0.62	0.24	-0.77	0.29	0.17	-1.27	0.13	0.15	-0.71	1.29	0.04	-0.61	0.48	
UR2WJB	0.12	-0.80	0.80	0.23	-1.13	0.80	0.18	-0.92	0.35	0.15	-0.66	1.05	0.05	-0.20	0.00	
WGDABY	0.16	1.60	0.37	0.28	0.71	0.16	0.22	1.15	0.28	0.18	1.15	0.18	0.07	1.23	0.53	
XFC7BF	0.15	0.86	1.59	0.30	1.62	2.11	0.22	0.86	0.35	0.20	1.83	1.05	0.08	1.76	1.06	

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	0.13			0.26			0.20			0.16			0.053			
Median Abs Dev	0.01			0.02			0.02			0.01			0.010			
Avg Within Lab SD	0.01			0.01			0.02			0.01			0.005			
Labs Included	17			17			17			17			17			
Labs Reporting	17			17			17			17			17			



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
632WAQ	3.78	4.69X	0.23	9.73	36.34X	0.16	8.23	54.04X	0.57	4.65	35.80X	0.44	2.15	33.25X	0.97	
97CDBD	1.69	-2.58	0.68	2.78	-1.19	0.52	2.53	0.07	0.78	1.44	-0.15	0.43	0.70	0.17	0.25	
AV7VBU	2.45	0.06	0.47	3.00	0.00	1.12	2.45	-0.69	1.06	1.45	0.00	1.31	0.70	0.29	0.00	
AW39XM	2.71	0.95	0.08	3.30	1.62	0.07	2.80	2.62	0.06	1.65	2.23	0.47	0.77	1.86	0.71	
CWVXUF	2.50	0.23	1.04	3.07	0.38	0.11	2.51	-0.12	0.00	1.44	-0.07	0.38	0.66	-0.55	0.21	
EL427J	2.38	-0.17	0.24	2.92	-0.44	0.12	2.49	-0.33	0.49	1.42	-0.39	0.27	0.66	-0.71	0.44	
JBLB7N	2.03	-1.42	0.01	2.96	-0.21	0.08	2.58	0.54	0.05	1.45	0.04	0.10	0.68	-0.06	0.04	
JYX9QG	2.83	1.39	2.92	3.45	2.41	2.88	2.71	1.75	1.28	1.75	3.31	2.49	0.75	1.46	2.69	
MFNLQD	2.46	0.08	0.27	2.99	-0.05	0.36	2.53	0.07	0.40	1.45	0.00	0.18	0.67	-0.39	0.00	
PKWW77	2.38	-0.20	0.62	3.03	0.18	0.99	2.52	0.00	2.60	1.44	-0.06	1.52	0.69	0.00	1.31	
R2TT88	2.43	0.00	0.31	3.01	0.05	0.15	2.50	-0.23	0.32	1.47	0.17	0.31	0.71	0.46	1.09	
WGDABY	2.34	-0.33	0.28	2.83	-0.89	0.09	2.42	-1.00	0.62	1.36	-1.00	0.10	0.62	-1.47	0.27	

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups						Data units: Percent	
	SRS1711		SRS1712		SRS1713	SRS1714	SRS1715
Grand Median	2.43		3.00		2.52	1.45	0.69
Median Abs Dev	0.07		0.07		0.04	0.01	0.02
Avg Within Lab SD	0.15		0.13		0.07	0.05	0.03
Labs Included	11		11		11	11	11
Labs Reporting	12		12		12	12	12



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
97CDBD	1.94	-0.54	0.75	4.19	-0.44	0.49	4.18	-0.51	0.64	2.37	-0.61	0.40	1.03	-0.73	0.95	
97NAFH	2.28	0.78	0.62	4.83	0.20	0.24	4.95	0.60	1.22	2.80	0.52	0.88	1.54	1.03	1.17	
AVLC43	2.60	2.07	2.58	4.53	-0.10	1.14	4.43	-0.14	0.87	2.60	0.00	0.76	1.67	1.45	0.73	
C94NU3	2.35	1.06	0.66	4.51	-0.11	0.96	4.93	0.57	0.49	2.87	0.71	1.30	1.64	1.35	0.29	
CAZ2GV	2.12	0.16	0.86	4.73	0.10	1.03	3.84	-1.00	2.64	2.27	-0.88	2.51	0.63	-2.09	1.35	
EL427J	2.08	0.00		4.74	0.11		4.74	0.30		2.61	0.03		1.25	0.03		
JYVJLJ	2.02	-0.23	1.38	4.01	-0.61	2.15	4.61	0.11	0.52	2.83	0.61	0.68	1.59	1.18	0.64	
JYX9QG	2.51	1.71	0.47	6.40	1.75	0.42	4.55	0.02	0.89	2.69	0.23	0.21	1.29	0.15	0.53	
LRA7X6	2.25	0.68	0.17	4.36	-0.26	0.10	3.71	-1.18	0.23	2.35	-0.66	0.16	1.19	-0.17	0.48	
PKVQFJ	2.06	-0.08	1.04	4.75	0.11	0.35	3.48	-1.50	0.24	2.06	-1.44	0.50	1.09	-0.52	0.34	
QPMFD2	2.07	-0.05	0.50	4.83	0.20	0.57	4.60	0.10	0.00	2.60	0.00	0.76	1.23	-0.03	0.73	
R2TT88	1.89	-0.76	0.38	4.32	-0.30	0.42	4.26	-0.39	0.38	2.40	-0.52	0.12	1.16	-0.27	0.32	
TEVJP7	0.65	-5.69X	0.65	2.40	-2.20	1.01	0.99	-5.07X	0.35	0.30	-6.13X	0.12	0.87	-1.26	0.78	
WGDABY	2.33	1.01	0.95	5.07	0.43	0.82	4.85	0.46	0.17	2.80	0.53	0.23	1.67	1.47	1.49	
XFC7BF	1.97	-0.45	0.50	4.97	0.33	1.87	4.53	0.00	1.18	2.57	-0.09	1.75	1.23	-0.03	1.94	
YPCE8R	2.06	-0.07	0.47	5.80	1.15	0.30	4.73	0.28	0.75	2.66	0.17	0.58	1.27	0.11	0.96	
ZAH9C4	2.16	0.32	1.20	3.19	-1.41	1.47	3.56	-1.40	1.58	1.95	-1.72	0.56	1.28	0.13	1.76	
ZF42QN	1.70	-1.51	0.86	2.27	-2.33	0.75	2.50	-2.91	0.57	1.57	-2.75	1.16	1.20	-0.14	0.00	

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	2.08			4.63			4.53			2.60			1.24			
Median Abs Dev	0.14			0.32			0.32			0.20			0.12			
Avg Within Lab SD	0.12			0.20			0.18			0.13			0.08			
Labs Included	17			18			17			17			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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
27D3A3	2.92	0.18	0.45	6.85	0.58	0.41	4.73	0.19	0.86	3.09	0.67	1.63	1.49	0.36	0.84	
3GRCDM	2.79	-0.14	0.08	6.42	-0.21	0.12	4.32	-0.83	0.18	2.60	-0.95	0.07	1.32	-0.81	0.19	
4G8ZB8	3.10	0.62	0.42	7.15	1.13	0.22	4.71	0.14	0.14	2.90	0.06	0.35	1.45	0.08	0.39	
667R8V	2.70	-0.35	0.81	6.30	-0.43	0.59	3.93	-1.81	0.51	2.37	-1.71	0.69	1.33	-0.72	1.07	
67433X	2.99	0.34	0.08	6.65	0.22	0.03	4.77	0.29	0.14	3.07	0.61	0.32	1.53	0.68	0.28	
68ZFPQ	2.92	0.18	0.21	6.48	-0.09	0.27	4.73	0.21	0.29	3.24	1.18	0.25	1.45	0.08	0.47	
6TJM2J	2.67	-0.43	0.93	7.80	2.31	0.59	5.93	3.24	1.35	2.97	0.27	1.38	1.57	0.92	2.15	
7VEVHY	3.11	0.62	1.94	6.85	0.57	1.15	4.77	0.29	0.72	3.04	0.52	0.85	1.48	0.29	0.70	
AVLC43	3.17	0.77	0.47	7.10	1.03	0.00	5.20	1.39	0.89	3.33	1.48	0.69	1.60	1.15	0.00	
AW39XM	2.15	-1.67	0.60	5.41	-2.05	0.75	4.05	-1.52	0.57	2.37	-1.70	0.24	1.22	-1.52	0.20	
BWWDRL	8.64	13.90X	0.91	12.75	11.35X	1.05	7.07	6.13X	2.21	6.23	11.05X	0.99	2.58	8.02X	1.58	
BWY4VJ	2.83	-0.03	2.04	6.53	0.00	1.90	4.67	0.04	1.02	2.80	-0.28	2.07	1.37	-0.48	2.15	
BZXGJ9	4.20	3.25	0.00	7.83	2.37	0.68	5.17	1.31	0.51	3.57	2.25	0.69	1.60	1.15	0.00	
CAZ2GV	3.28	1.04	0.28	7.12	1.06	0.44	5.13	1.21	0.67	3.26	1.25	0.38	1.60	1.15	0.32	
CVZFUJ	2.77	-0.18	0.08	6.29	-0.45	0.03	4.71	0.15	0.09	2.91	0.08	0.12	1.55	0.80	0.19	
CWVXUF	2.93	0.21	1.24	6.73	0.37	0.90	4.60	-0.13	1.77	2.97	0.27	0.69	1.50	0.45		
DP8FCX	2.69	-0.38	0.13	6.43	-0.19	0.51	4.75	0.26	0.03	2.84	-0.14	0.69	1.39	-0.31	0.27	
EL427J	3.27	1.01	1.24	6.70	0.30	1.57	4.37	-0.72	1.35	2.77	-0.39	0.69	1.30	-0.95	1.86	
GA76WG	2.49	-0.85	0.36	5.88	-1.19	0.43	4.18	-1.19	0.32	2.50	-1.28	0.14	1.27	-1.16	0.56	
GK293W	2.75	-0.23	1.08	6.46	-0.14	1.50	4.55	-0.26	0.70	2.83	-0.20	1.32	1.43	-0.04	0.62	
GMU4P6	2.37	-1.14	0.87	5.62	-1.67	0.88	4.61	-0.11	0.98	2.75	-0.46	1.56	1.39	-0.34	0.47	
HAKLTV	2.75	-0.24	0.41	6.33	-0.37	0.53	4.36	-0.73	0.80	2.76	-0.42	0.98	1.38	-0.42	0.41	
HLE8VJ	2.79	-0.13	0.23	6.66	0.24	0.89	4.50	-0.39	1.30	2.75	-0.45	2.08	1.46	0.17	1.04	
J4NJZF	2.83	-0.03	0.47	6.67	0.24	0.34	4.77	0.29	0.51	2.87	-0.06	1.38	1.43	-0.02	1.07	
JBLB7N	2.55	-0.71	0.50	6.01	-0.96	0.29	4.33	-0.82	1.08	2.63	-0.86	0.86	1.30	-0.93	0.58	
JC7UDF	2.97	0.29	0.61	7.00	0.85	0.83	4.45	-0.51	0.14	2.99	0.34	1.20	1.50	0.45	0.64	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JZRX9C	2.87	0.05	1.24	6.53	0.00	0.34	4.67	0.04	1.02	2.87	-0.06	0.69	1.40	-0.25	0.00	
KCY8CT	2.86	0.03	0.61	6.56	0.05	0.40	4.74	0.24	0.77	2.97	0.29	0.45	1.53	0.68	0.94	
KFYB4F	2.83	-0.03	0.93	6.67	0.24	1.37	4.70	0.13	2.35	3.00	0.38	1.20	1.50	0.45		
L78EEJ	3.23	0.92	0.71	7.13	1.09	0.89	5.02	0.93	0.12	3.19	0.99	0.44	1.54	0.72	0.55	
LCWXX2	3.29	1.07	1.94	6.64	0.19	1.22	4.33	-0.81	0.90	2.79	-0.31	0.29	1.41	-0.18	1.07	
N29KUM	2.65	-0.48	0.34	6.35	-0.34	0.25	4.46	-0.47	0.85	2.73	-0.50	1.20	1.37	-0.48	0.54	
PKVQFJ	2.15	-1.67	0.24	5.29	-2.26	0.60	3.81	-2.12	0.93	2.27	-2.03	0.98	1.16	-1.95	1.49	
QN8YGM	4.68	4.41	0.92	6.05	-0.89	1.72	4.29	-0.91	1.28	2.65	-0.78	1.04	1.20	-1.66	2.38	
R2TT88	2.74	-0.26	0.05	6.27	-0.47	0.17	4.63	-0.04	0.18	2.93	0.16	0.07	1.36	-0.53	0.19	
RR42LF	2.71	-0.33	0.19	6.35	-0.34	0.16	4.79	0.36	0.30	3.01	0.40	0.50	1.48	0.33	0.61	
TJQDKL	2.60	-0.60	0.19	6.36	-0.32	0.38	4.52	-0.33	0.00	2.73	-0.51	0.21	1.38	-0.39	0.00	
UR2WJB	2.91	0.16	1.82	2.91	-6.61X	1.33	4.23	-1.05	1.18	3.08	0.64	1.96	1.56	0.89	2.33	
UVZB72	3.10	0.61	0.00	6.53	0.00	0.34	4.57	-0.21	0.51	3.03	0.49	0.69	1.47	0.22	1.07	
WWJ4UF	3.05	0.48	0.72	6.83	0.53	0.39	5.00	0.89	3.32	2.84	-0.15	0.58	1.33	-0.73	0.40	
XFC7BF	3.46	1.48	3.61	7.25	1.31	4.00	4.98	0.83	0.62	3.30	1.37	1.98	1.62	1.29	0.98	
YX9DHD	2.57	-0.67	0.47	6.47	-0.12	0.90	4.40	-0.63	0.89	2.53	-1.16	0.69	1.13	-2.12	1.07	
ZAH9C4	2.87	0.05	0.15	6.78	0.45	0.21	4.76	0.28	0.40	2.95	0.23	0.55	1.44	0.02	0.64	

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	2.85			6.53			4.65			2.89			1.44			
Median Abs Dev	0.17			0.23			0.17			0.14			0.07			
Avg Within Lab SD	0.12			0.17			0.11			0.08			0.05			
Labs Included	42			41			42			42			42			
Labs Reporting	43			43			43			43			43			



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
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	
97CDBD	3.77		1.34	7.67		0.96	5.23		1.20	3.43		1.41	1.57		1.30	
GA76WG	2.31		0.46	5.36		1.04	3.83		0.75	2.31		0.07	1.21		0.57	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	3.04			6.51			4.53			2.87			1.39			
Median Abs Dev	0.09			0.06			0.05			0.08			0.04			
Avg Within Lab SD	0.09			0.06			0.05			0.08			0.04			
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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
87YML3	8.43	-0.07	0.15	2.30	-0.16	0.16	0.61	1.13		0.65	0.21	0.18				
97CDBD	6.76	-0.80	1.40	2.60	0.02	0.34	0.43	0.00	0.15	0.53	-0.10	0.00				
97NAFH	8.77	0.07	1.06	2.88	0.19	0.52										
CAZ2GV	13.19	1.99	0.47	6.72	2.53	0.43	4.33	24.61X	2.99	5.14	11.96X	1.32	3.64		0.63	
GK293W	9.12	0.22	2.15	2.54	-0.02	1.58	0.22	-1.36		0.44	-0.34	1.72	0.12		0.91	
PBAKML	6.45	-0.93	0.31	2.16	-0.25	0.03				0.61	0.10	0.00				
UR2WJB	9.99	0.60	0.66	4.97	1.46	2.21	0.43	-0.02	1.50	1.76	3.11	1.41	0.26		1.44	
WGDABY	7.50	-0.48														
XEYU96	9.67	0.46	0.39													
YX9DHD	6.07	-1.10	0.59	1.30	-0.77	0.16	0.57	0.86	0.86	0.50	-0.18		0.60		0.84	

CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	8.60			2.57			0.43			0.57			0.43			
Median Abs Dev	1.25			0.36			0.14			0.08						
Avg Within Lab SD	0.39			0.63			0.07			0.14			0.12			
Labs Included	10			8			5			6			4			
Labs Reporting	10			8			6			7			4			



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
97CDBD	18.6	-0.1	1.3	18.1	-0.1	1.8	13.5	0.1	1.1	14.0	0.2	0.8	4.3	0.0	0.9		
AVLC43	31.8	2.6	1.7	41.1	2.8	0.8	22.0	2.5	0.9	21.1	2.4	1.2	8.7	2.9	0.4		
EL427J	17.7	-0.3		15.7	-0.4		12.1	-0.3		12.5	-0.3		3.9	-0.2			
QPMFD2	19.3	0.1	0.9	19.4	0.1	1.1	13.0	-0.1	0.2	13.3	0.0	0.5	5.0	0.5	0.6		
UR2WJB	15.7	-0.7	1.0	15.9	-0.4	0.8	10.4	-0.8	2.1	11.0	-0.7	1.0	4.1	-0.1	1.9		
WGDABY	21.2	0.5	0.2	23.5	0.6	0.4	13.6	0.1	0.4	13.3	0.0	1.7	4.3	0.0	1.0		
XFC7BF	23.7	1.0	0.7	25.6	0.9	1.0	17.3	1.2	0.6	18.6	1.6	0.9	6.3	1.3	0.9		
YPCE8R	17.3	-0.3	0.3	17.1	-0.2	0.4	12.5	-0.2	0.2	12.8	-0.2	0.1	3.8	-0.3	0.7		

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715				
Grand Median	18.9			18.8			13.3			13.3			4.28				
Median Abs Dev	1.9			3.0			1.0			0.8			0.44				
Avg Within Lab SD	0.6			0.6			0.7			0.7			0.16				
Labs Included	8			8			8			8			8				
Labs Reporting	8			8			8			8			8				



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	21.7	-0.9	0.5	16.4	0.0	0.2	11.2	0.2	0.5	14.2	0.7	0.5	2.3	-1.1	0.7	
6TJM2J	31.4	0.3	0.4	15.9	-0.1	0.5	10.0	-0.4	0.5	11.3	-0.2	0.8	4.8	0.5	1.0	
7VEVHY	30.3	0.2	1.0	15.6	-0.2	0.7	11.4	0.3	0.3	12.2	0.1	1.0	5.6	1.1	0.7	
AW39XM	25.1	-0.5	1.1	21.3	0.9	0.7	9.5	-0.7	0.4	12.5	0.1	0.6	4.5	0.3	0.2	
BZXGJ9	19.7	-1.2	0.6	16.4	0.0	0.5	10.4	-0.2	0.8	13.8	0.6	0.6	2.3	-1.1	0.3	
CAZ2GV	26.1	-0.4	1.4	22.2	1.0	1.2	12.7	1.0	0.4	16.5	1.4	0.6	3.1	-0.6	0.1	
HAKLTV	27.9	-0.1	1.4	11.7	-0.9	0.5	9.0	-1.0	0.9	10.0	-0.7	1.0	2.8	-0.8	0.3	
HEFFNB	34.1	0.7	1.6	31.1	2.6	2.7	15.9	2.7	1.2	18.6	2.1	2.5	4.2	0.1	0.7	
N29KUM	18.5	-1.4	0.5	10.3	-1.1	0.3	10.1	-0.4	0.2	9.1	-0.9	0.5	7.2	2.1	0.7	
QUFERW	44.0	2.0	0.8	18.7	0.4	0.9	11.3	0.2	2.6	11.8	-0.1	0.9	4.0	0.0	0.5	
R2TT88	31.0	0.3	0.4	21.4	0.9	0.4	11.6	0.4	0.4	8.7	-1.1	0.2	3.7	-0.2	2.8	
UVZB72	30.0	0.1	1.2	16.7	0.0	0.7	10.0	-0.4		11.7	-0.1	0.9	4.0	0.0		

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups						Data units: cmol/kg	
	SRS1711		SRS1712		SRS1713	SRS1714	SRS1715
Grand Median	28.9		16.5		10.8	12.0	4.02
Median Abs Dev	3.3		3.5		0.8	1.9	0.81
Avg Within Lab SD	0.8		0.8		0.6	0.7	0.31
Labs Included	12		12		12	12	12
Labs Reporting	12		12		12	12	12



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	1.39	1.29	0.23	0.92	0.70	0.76	1.20	1.00	0.49	1.10	0.42	1.26	1.47	1.11	1.30	
8MZA AV	1.27	0.37	0.02	0.90	0.52	0.73	1.09	0.45	0.09	1.08	0.31	0.14	1.43	0.83	0.15	
CAZ2GV	1.32	0.75	1.23	0.97	1.06	0.98	1.20	1.00	0.52	1.10	0.46	0.87	1.48	1.16	0.34	
CWVXUF	1.18	-0.35	0.00	0.73	-0.85	1.68	0.77	-1.15	2.80	0.85	-1.15	1.40	1.28	-0.04	0.65	
GK293W	1.19	-0.25	0.93	0.83	-0.03	1.49	1.00	0.00	0.42	0.93	-0.65	0.42	1.24	-0.28	1.60	
GMU4P6	1.12	-0.80	0.23	0.84	0.00	0.27	0.91	-0.46	0.01	1.03	0.00	0.00	1.21	-0.46	0.18	
HEFFNB	1.13	-0.75	2.42	0.75	-0.69	1.32	0.87	-0.66	0.55	0.85	-1.13	1.97	1.24	-0.30	1.87	
R2TT88	1.22	0.00	0.77	0.77	-0.56	0.10	0.97	-0.14	0.40	0.91	-0.77	0.72	1.29	0.00	0.81	
WGDABY	1.41	1.50	0.23	1.05	1.67	0.17	1.24	1.20	0.09	1.22	1.19	0.27	1.60	1.89	0.18	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	1.22			0.84			1.00			1.03			1.29			
Median Abs Dev	0.09			0.09			0.13			0.10			0.08			
Avg Within Lab SD	0.02			0.03			0.06			0.04			0.03			
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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	28.5	-0.2	1.2	21.3	0.0	0.8	47.3	-0.6	1.0	22.9	-0.3	0.3	56.2	-0.2	0.6	
4G8ZB8	26.7	-0.5	0.3	19.8	-0.2	0.3	44.4	-1.3	0.6	17.5	-1.3	0.1	48.2	-1.7	0.3	
632WAQ	30.8	0.2	1.1	18.3	-0.5	1.0	48.3	-0.3	0.9	24.2	0.0	0.2	51.7	-1.0	4.5	
7VEVHY	29.7	0.0	0.4	22.4	0.2	0.5	49.7	0.0	0.6	23.7	-0.1	0.2	54.4	-0.5	0.2	
87U6LJ	51.3	3.7	0.1	28.3	1.3	0.2	60.8	2.6	0.2	34.1	1.8	0.1	65.0	1.5	0.1	
8MZAAV	28.7	-0.2	0.4	19.3	-0.3	0.4	48.0	-0.4		24.7	0.1	0.2	58.0	0.2		
97CDBD	29.5	0.0	0.6	23.1	0.4	0.7	51.2	0.4	0.2	25.0	0.1	0.0	57.7	0.1	0.3	
97NAFH	33.0	0.6	0.3	24.9	0.7	1.6	54.4	1.1	1.3	31.5	1.3	0.3	65.8	1.6	0.2	
AVLC43	30.7	0.2	0.6	20.7	-0.1	0.4	48.3	-0.3	0.4	24.0	-0.1		53.3	-0.7	0.5	
AW39XM	31.8	0.4		21.8	0.1		49.8	0.0		25.7	0.3		59.8	0.5		
BWWDRL	33.3	0.6	2.2	33.3	2.2X	6.8	33.3	-3.9X	11.7	33.3	1.7	4.6				
CAZ2GV	34.7	0.9	0.3	24.7	0.7	0.5	51.1	0.3	1.1	33.7	1.8	0.2	61.4	0.8	0.5	
CWVXUF	25.5	-0.7		17.8	-0.6		45.2	-1.1		26.5	0.4		56.0	-0.2		
DNU9NV	21.2	-1.5	3.1	30.9	1.8	1.8	50.5	0.2	0.6	24.3	0.0	0.6	56.5	-0.1	0.8	
FJX2KD	34.0	0.7		24.0	0.5	0.7	52.0	0.5		24.1	0.0	0.0	63.5	1.2	0.3	
GK293W	26.7	-0.5	2.2	17.0	-0.7	3.0	48.5	-0.3	2.8	21.7	-0.5	1.1	55.8	-0.3	1.0	
GMU4P6	24.0	-1.0	0.0	15.4	-1.0	1.0	48.0	-0.4	0.0	19.3	-0.9	0.2	56.7	-0.1	0.4	
HAKLTV	35.1	0.9	0.0	24.7	0.6	0.2	53.2	0.8	0.7	29.8	1.0	0.0	59.2	0.4	0.2	
JBLB7N	27.7	-0.3	0.2	18.0	-0.6	0.3	44.7	-1.2	0.4	24.3	0.0	0.1	56.0	-0.2	0.3	
JC7UDF	36.0	1.1		20.3	-0.1	0.0	49.8	0.0	0.0	23.4	-0.2	0.0	53.5	-0.7	0.0	
KCY8CT	38.3	1.5	0.6	25.5	0.8	1.8	51.2	0.4	2.2	25.9	0.3	0.5	64.1	1.3	1.1	
KFYB4F	32.7	0.5	0.4	22.0	0.2	0.7				26.7	0.4	0.2	61.3	0.8	0.4	
N29KUM	35.0	0.9		31.0	1.8		51.0	0.3		31.0	1.2		61.0	0.7		
TEVJP7	25.0	-0.8		14.0	-1.3		24.0	-6.1X		54.0	5.5X		44.0	-2.4X		
UR2WJB	27.3	-0.4	0.4	27.3	1.1	0.4	50.7	0.2	1.4	26.0	0.3	0.3	57.3	0.0	0.4	
UVZB72	28.0	-0.3		18.0	-0.6	0.5	48.5	-0.3	0.4	23.0	-0.2		58.5	0.2	0.2	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
WGDABY	31.0	0.2	0.4	18.0	-0.6		46.0	-0.9		24.0	-0.1		52.0	-1.0		
WWJ4UF	28.0	-0.3	0.7	27.0	1.1	1.2	54.0	1.0		24.0	-0.1		57.0	0.0	0.3	
X9XFPP	28.3	-0.2	0.4	19.7	-0.3	0.4	48.7	-0.3	0.7	42.7	3.4	0.2	53.3	-0.7	0.4	
XEYU96	31.3	0.3	0.1	21.1	0.0	0.2	53.6	0.9	0.1	28.0	0.7	0.1	66.0	1.6	0.2	
YPCE8R	20.4	-1.6	0.0	12.4	-1.6	0.0	38.4	-2.7	0.0	14.4	-1.9	0.0	48.4	-1.6	0.0	
ZG3AU2	26.9	-0.5	0.1	13.8	-1.3	0.5	47.0	-0.6	0.5	21.9	-0.5	0.1	59.4	0.4	0.2	

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups										Data units: Percent					
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
Grand Median	29.6			21.1			49.7			24.3			57.2		
Median Abs Dev	2.9			3.1			1.7			1.7			3.2		
Avg Within Lab SD	2.6			2.9			1.6			6.1			3.2		
Labs Included	32			31			29			31			30		
Labs Reporting	32			32			31			32			31		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2RW3HH	43.9	0.8	2.4	61.9	0.7	1.4	41.6	1.0	0.6	65.6	0.5	0.7	36.6	0.7	0.7	
4G8ZB8	39.6	0.0	0.2	55.7	0.1	0.2	38.1	0.3	0.2	65.3	0.5	0.1	40.3	1.5	0.2	
632WAQ	40.0	0.1	1.1	62.1	0.7	0.4	38.3	0.4	0.4	63.8	0.3	0.2	40.8	1.6	4.4	
7VEVHY	41.2	0.3	0.6	61.2	0.7	0.3	37.9	0.3	0.3	64.5	0.4	0.3	35.2	0.4	0.2	
8MZA AV	36.0	-0.6	0.9	50.7	-0.4	0.2	32.0	-0.8		53.3	-0.6	0.2	31.3	-0.5	0.4	
97CDBD	46.8	1.3	0.5	65.6	1.1	0.3	41.7	1.0	0.2	67.1	0.6	0.1	36.8	0.7	0.4	
97NAFH	42.1	0.4	0.4	65.2	1.1	0.9	36.8	0.1	0.6	60.5	0.0	0.3	27.8	-1.2	0.2	
AVLC43	42.3	0.5	0.7	61.3	0.7	0.2	39.0	0.5		65.0	0.4		39.2	1.2	0.4	
AW39XM	36.1	-0.6		50.1	-0.5		32.1	-0.8		58.2	-0.2		32.1	-0.3		
BWWDRL	33.3	-1.1	1.8	33.3	-2.2	4.0	33.3	-0.6	4.4	33.3	-2.5	4.6				
CAZ2GV	32.5	-1.3	0.3	46.8	-0.8	0.3	31.4	-0.9	0.4	47.8	-1.2	0.2	27.5	-1.3	0.5	
CWVXUF	41.1	0.3		56.0	0.1		38.1	0.3		55.3	-0.5		34.8	0.3		
DNU9NV	48.1	1.5	2.6	50.8	-0.4	1.9	42.2	1.1	0.5	63.1	0.3	0.7	35.9	0.5	1.2	
FJX2KD	38.8	-0.1	0.0	58.8	0.4	0.4	34.8	-0.3	0.0	62.7	0.2	0.0	29.3	-0.9	0.3	
GK293W	46.3	1.2	1.7	68.2	1.4	1.3	38.4	0.4	0.8	67.2	0.7	0.7	34.1	0.1	0.8	
GMU4P6	48.0	1.5	0.0	69.3	1.5	0.6	41.3	0.9	0.3	71.3	1.0	0.2	35.3	0.4	0.4	
HAKLTV	37.6	-0.4	0.2	52.5	-0.2	0.3	31.4	-0.9	0.4	55.2	-0.5	0.1	33.2	-0.1	0.2	
JBLB7N	35.0	-0.8	0.4	48.7	-0.6	0.2	32.3	-0.7	0.2	50.3	-0.9	0.1	32.0	-0.3		
JC7UDF	34.9	-0.8	0.0	44.2	-1.1	0.0	31.2	-0.9	0.0	25.4	-3.3	0.0	33.5	0.0	0.0	
KCY8CT	32.7	-1.2	0.5	44.9	-1.0	0.5	29.7	-1.2	0.8	55.6	-0.4	0.5	30.1	-0.7	0.6	
KFYB4F	45.0	1.0		59.7	0.5	0.2				67.7	0.7	1.0	35.3	0.4	0.4	
N29KUM	46.0	1.1		54.0	-0.1		40.0	0.7		60.0	0.0		30.0	-0.7		
TEVJP7	39.0	-0.1		29.0	-2.7X		48.0	2.1X		17.0	-4.0X		17.0	-3.5X		
UR2WJB	39.0	-0.1	0.8	49.0	-0.6	0.4	32.7	-0.7	0.3	56.0	-0.4	0.3	30.3	-0.7	0.2	
UVZB72	37.0	-0.5		49.0	-0.6	0.6	30.5	-1.1	0.2	54.5	-0.5	0.1	30.5	-0.6	0.2	
WGDABY	43.0	0.6	0.4	60.0	0.5		40.0	0.7		62.0	0.2		42.0	1.8		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715		
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
WWJ4UF	42.0	0.4		55.3	0.0	0.1	33.7	-0.5	0.3	57.0	-0.3		34.0	0.1	0.3
X9XFPP	36.3	-0.6	0.5	50.3	-0.5	0.2	30.3	-1.1	0.3	35.0	-2.4	0.3	34.3	0.2	0.4
XEYU96	37.1	-0.4	0.1	52.8	-0.2	0.2	29.5	-1.3	0.1	56.8	-0.3	0.1	24.6	-1.9	0.2
YPCE8R	36.4	-0.6	0.0	54.4	0.0	0.0	36.4	0.0	0.0	60.4	0.0	0.0	32.4	-0.2	0.0
ZG3AU2	43.1	0.6	0.2	67.8	1.3	0.1	38.5	0.4	0.2	64.3	0.4	0.2	32.2	-0.3	0.2

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS1711				SRS1712			SRS1713			SRS1714			SRS1715		
Grand Median	39.6			54.9			36.4			60.2			33.5		
Median Abs Dev	3.4			5.9			3.7			4.9			2.5		
Avg Within Lab SD	2.3			4.9			3.8			6.2			3.3		
Labs Included	31			30			29			30			29		
Labs Reporting	31			31			30			31			30		



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups																Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2RW3HH	27.6	-0.3	0.9	16.8	-0.6	1.0	11.1	-0.7	2.2	11.5	-0.5	0.4	7.2	-0.5	0.2			
4G8ZB8	33.7	0.8	0.2	24.5	0.2	0.1	17.5	0.5	0.4	17.2	0.3	0.0	11.5	0.7	0.6			
632WAQ	29.2	0.0	0.6	19.6	-0.3	0.6	13.3	-0.3	0.9	12.1	-0.4	0.1	7.5	-0.4				
7VEVHY	29.1	0.0	0.4	16.4	-0.7	0.0	12.4	-0.5	0.0	11.7	-0.5	0.2	10.4	0.4	0.0			
8MZA AV	35.3	1.1	0.4	30.0	0.8		20.0	0.9		22.0	0.9		10.7	0.5	1.4			
97CDBD	23.7	-1.0	0.5	11.3	-1.2	0.3	7.2	-1.4	0.5	7.9	-1.0	0.0	5.5	-1.0	0.3			
97NAFH	24.9	-0.8	0.1	10.0	-1.4	0.1	8.7	-1.1	0.0	8.0	-0.9	0.1	6.4	-0.8	0.3			
AVLC43	27.0	-0.4		18.0	-0.5		12.7	-0.4	0.4	11.0	-0.6		7.5	-0.4				
AW39XM	32.1	0.5		28.1	0.6		18.1	0.6		16.1	0.1		8.1	-0.3				
BWWDRL	33.3	0.7	3.6	33.3	1.2	4.4	33.3	3.3X	10.7	33.3	2.4	4.5						
CAZ2GV	32.8	0.6	0.2	28.5	0.7	0.1	17.5	0.5	0.3	18.5	0.4	0.1	11.1	0.6	0.1			
CWVXUF	33.5	0.8		26.2	0.4		16.8	0.3		18.2	0.4		9.2	0.1				
DNU9NV	30.7	0.3	1.2	18.2	-0.5	1.0	10.6	-0.8	3.3	12.7	-0.3	0.7	7.5	-0.4	2.6			
FJX2KD	27.2	-0.4	0.0	17.2	-0.6	0.0	13.2	-0.3	0.0	13.2	-0.3	0.0	7.2	-0.5	0.0			
GK293W	27.0	-0.4	2.2	14.8	-0.8	0.5	13.1	-0.3	0.8	11.2	-0.5	0.4	10.1	0.3	0.6			
GMU4P6	28.0	-0.2		15.3	-0.8	0.2	10.7	-0.8	0.7	9.3	-0.8	0.2	8.0	-0.3				
HAKLTV	27.3	-0.3	0.2	22.8	0.0	0.2	15.4	0.1	0.3	15.0	0.0	0.0	7.6	-0.4	0.4			
JBLB7N	37.3	1.4	0.2	33.3	1.2	0.1	23.0	1.5		25.3	1.3	0.1	12.0	0.9	1.2			
JC7UDF	29.1	0.0	0.0	35.4	1.4	0.0	19.0	0.7	0.0	51.2	4.7X	0.0	13.0	1.2				
KCY8CT	29.1	0.0	1.0	29.6	0.8	0.6	19.1	0.7	0.5	18.5	0.4	0.1	5.7	-1.0	1.8			
KFYB4F	22.3	-1.2	0.4	18.3	-0.4	0.2				5.8	-1.2	0.8	3.0	-1.8	1.4			
N29KUM	19.0	-1.8		15.0	-0.8		9.0	-1.1		9.0	-0.8		9.0	0.0				
TEVJP7	36.0	1.2		57.0	3.7X		28.0	2.4X		29.0	1.8		39.0	9.0X				
UR2WJB	33.7	0.8	0.2	23.7	0.1	0.1	16.3	0.3	1.0	17.7	0.3	0.1	12.3	1.0	0.7			
UVZB72	35.0	1.0		33.0	1.1	0.3	21.0	1.1		22.5	1.0	0.1	11.0	0.6				
WGDABY	26.0	-0.6		22.0	0.0		14.0	-0.2		14.0	-0.2		6.0	-0.9				



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
WWJ4UF	28.3	-0.1	0.4	19.7	-0.3	0.1	12.3	-0.5	0.7	19.0	0.5		9.0	0.0		
X9XFPP	35.3	1.1	0.4	30.0	0.8		21.0	1.1		22.3	0.9	0.2	12.3	1.0	1.4	
XEYU96	31.6	0.4	0.1	26.1	0.4	0.1	16.9	0.4	0.0	15.4	0.0	0.1	9.4	0.1	0.1	
YPCE8R	43.2	2.5	0.0	33.2	1.2	0.0	25.2	1.9	0.0	25.2	1.3	0.0	19.2	3.0	0.0	
ZG3AU2	30.0	0.2	0.3	18.4	-0.4	0.2	14.5	-0.1	0.4	13.8	-0.2	0.1	8.4	-0.2	0.4	

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	29.2			22.4			15.0			15.2			9.00			
Median Abs Dev	3.2			5.8			2.9			3.8			1.80			
Avg Within Lab SD	2.6			4.9			1.6			6.3			0.83			
Labs Included	31			30			28			30			29			
Labs Reporting	31			31			30			31			30			



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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups													Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	5.7		0.0	16.6		0.2	48.5		0.2	15.4		0.1	6.6		0.0
QUFERW	26.3		1.4	28.0		1.4	139.0		1.4	80.7		1.4	43.5		1.4
Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups													Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
Grand Median	16.0			22.3			93.8			48.0			25.0		
Median Abs Dev															
Avg Within Lab SD	4.1			6.8			7.2			10.6			33.5		
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	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
C94NU3	3.41		0.03	9.11		0.59	5.21		0.31	8.16		0.42	4.22		0.12	
QPMFD2	6.67		1.22	12.67		1.28	7.00			13.00			5.33		1.55	
WGDABY	4.33		1.22	10.00			6.00		1.38	9.67		1.35	4.33		0.77	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
Grand Median	4.33			10.00			6.00			9.67			4.33			
Median Abs Dev																
Avg Within Lab SD	0.47			0.45			0.72			0.43			0.75			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715		
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
WGDABY				5.00				3.00				14.33				1.00		

DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg					
SRS1711				SRS1712				SRS1713				SRS1714				SRS1715			
Grand Median				5.00				3.00				14.3							
Median Abs Dev																			
Avg Within Lab SD		0.00		Avg Within Lab SD		0.00		Avg Within Lab SD		0.00		Avg Within Lab SD		0.00		Avg Within Lab SD		1.5	
Labs Included		0		Labs Included		1		Labs Included		1		Labs Included		0		Labs Included		1	
Labs Reporting		0		Labs Reporting		1		Labs Reporting		1		Labs Reporting		0		Labs Reporting		1	



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Dry Matter (%) (SubTestCode 201)													Data units: Percent	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3GRCDM	99.7	5.7X	0.0	99.8	7.2X	0.0	99.7	6.4X	0.0	99.8	7.4X	0.0		
632WAQ	94.1	0.6	0.1	94.4	0.8	0.3	95.1	0.5	0.2	94.4	0.6	0.1		
AW39XM	96.4	2.7	0.7	95.6	2.2	1.3	97.3	3.2	0.6	96.4	3.1	0.7		
BZXGJ9	98.6	4.8X	2.0	98.4	5.5X	1.2	98.6	4.9X	1.8	97.8	4.8X	0.9		
FJX2KD	93.1	-0.2	0.3	93.3	-0.6	1.3	94.6	-0.2	0.1	93.8	-0.2	1.4		
HAKLTV	91.9	-1.4	1.8	93.2	-0.7	1.2	94.0	-1.0	0.3	93.2	-0.9	0.1		
JBLB7N	93.4	0.0	1.3	93.7	0.0	0.8	94.5	-0.4	2.9	93.9	0.0	1.9		
JC43HT	94.6	1.1	0.0	94.7	1.1	0.0	95.4	0.8	0.0	94.8	1.1	0.0		
JZRX9C	93.8	0.4	0.9	93.9	0.3	2.0	95.1	0.4	1.1	94.1	0.2	1.0		
R2TT88	93.4	0.0	0.7	93.7	0.0	1.4	95.0	0.3	0.4	93.9	0.0	0.1		
RR42LF	92.7	-0.6	0.1	92.8	-1.1	0.2	94.1	-0.9	0.3	93.4	-0.7	0.1		
UR2WJB	93.0	-0.4	2.4	93.3	-0.5	1.2	94.5	-0.3	1.7	94.0	0.1	2.4		
WGDABY	93.9	0.5	0.0	94.4	0.7	0.0	95.1	0.4	0.0	94.4	0.6	0.0		
YRJQQE	93.4	0.0	0.0	93.3	-0.5	0.0	94.8	0.0	0.0	93.6	-0.5	0.0		
ZAH9C4	92.4	-0.9	0.2	93.9	0.3	0.0	94.4	-0.4	0.2	93.3	-0.8	0.2		

Dry Matter (%) (SubTestCode 201)					Data units: Percent	
	SRB1709	SRB1710	SRB1711	SRB1712		
Grand Median	93.4	93.7	94.8	93.9		
Median Abs Dev	0.5	0.5	0.3	0.5		
Avg Within Lab SD	0.2	0.1	0.1	0.1		
Labs Included	13	13	13	13		
Labs Reporting	15	15	15	15		



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NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	28.4	-0.2	0.8	13.1	-0.6	0.5	138.7	-0.9	2.0	18,492.3	-0.3	2.2
632WAQ	34.1	0.0	0.7	29.1	0.4	0.3	200.5	0.3	0.1	19,758.6	0.2	0.3
7VEVHY	36.8	0.1	1.1	28.1	0.4	1.0	176.1	-0.2	1.7	19,300.0	0.0	0.5
AV7VBU	53.0	0.8		30.0	0.5		151.0	-0.7		14,087.0	-1.9	
BWWDRL	16.8	-0.7	0.2	22.6	0.0	0.8	169.9	-0.3	0.8	17,778.2	-0.6	0.3
C94NU3	22.0	-0.5	0.6	20.0	-0.2	0.8	154.3	-0.6	0.2	19,915.0	0.2	1.6
DNU9NV	75.1	1.6	1.8	26.0	0.2	0.7	104.9	-1.6	0.7	17,386.3	-0.7	0.3
EL427J	29.7	-0.2	0.6	17.7	-0.3	0.2	187.7	0.0	0.3	22,800.0	1.3	0.7
FJX2KD	75.4	1.6	1.0	17.5	-0.3	1.4	186.0	0.0	0.6	19,700.0	0.1	1.1
J4NJZF	17.0	-0.7	1.9	6.7	-1.1	0.9	77.3	-2.2	0.5	18,500.0	-0.3	1.1
JBLB7N	9.6	-1.0	0.3	20.5	-0.1	0.3	275.6	1.8	1.4	21,261.6	0.7	0.1
JZRX9C	40.7	0.3	0.5	16.2	-0.4	0.4	174.0	-0.2	1.2	18,960.2	-0.1	0.4
KFYB4F	34.1	0.0	1.3	25.9	0.2	0.3	185.3	0.0	1.1	11,833.3	-2.7	0.2
PKWW77	48.7	0.6	1.0	57.7	2.3	2.7	220.3	0.7	0.5	18,529.7	-0.3	0.3
R2TT88	24.3	-0.4	0.1	10.6	-0.8	0.1	194.9	0.2	1.3	19,837.6	0.2	0.4
UR2WJB	59.7	1.0	0.8	24.3	0.1	0.2	243.7	1.2	0.8	24,279.0	1.8	2.2
XEYU96	80.0	1.8	1.3	72.7	3.4	1.6	238.7	1.1	1.0	2,073.3	-6.3X	0.1
ZAH9C4	163.5	5.2X	1.3	120.7	6.6X	4.8	193.9	0.2	0.4	19,528.6	0.1	0.4

NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	34.1	22.6	185.7	19,300.0
Median Abs Dev	14.6	5.5	23.5	800.0
Avg Within Lab SD	3.5	3.4	9.0	646.1
Labs Included	17	17	18	17
Labs Reporting	18	18	18	18



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NO3 - N ISE (SubTestCode 203)												Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	264.0	0.2	0.1	445.7	0.7	1.3	474.7	0.8	0.7	18,233.3	-0.2	0.5	
BWY4VJ	81.3	-1.0	0.1	125.7	-0.5	0.5	315.7	-0.4	0.2	18,800.0	0.1	0.2	
RR42LF	235.5	0.0	0.0	26.2	-0.8	0.0	372.6	0.0	0.4	18,575.2	0.0	0.4	
WGDABY	35.0	-1.2	0.0	255.0	0.0	0.2	350.0	-0.2	0.3	18,183.3	-0.2	0.1	
XFC7BF	398.7	1.0	2.2	618.2	1.3	1.8	632.0	2.0	2.0	24,395.8	2.9	2.1	

NO3 - N ISE (SubTestCode 203)					Data units: mg/kg			
	SRB1709		SRB1710		SRB1711		SRB1712	
Grand Median	235.5		255.0		372.6		18,575.2	
Median Abs Dev	154.2		190.7		56.9		341.8	
Avg Within Lab SD	110.8		22.9		30.9		555.0	
Labs Included	5		5		5		5	
Labs Reporting	5		5		5		5	



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NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JC43HT							194.0		0.3	20,405.3	0.9
LCWXX2	980.5		0.0	3,433.4		0.5	1,679.0		1.6	6,440.4	0.1
XFC7BF	3,183.3		1.4	5,445.0		1.3	4,504.2		0.4	17,236.2	1.5
NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
SRB1709			SRB1710			SRB1711			SRB1712		
Grand Median	2,081.9			4,439.2			1,679.0			17,236.2	
Median Abs Dev											
Avg Within Lab SD	820.2			201.4			48.2			546.5	
Labs Included	2			2			3			3	
Labs Reporting	2			2			3			3	



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NH4-N (SubTestCode 205)										Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
EDR62D	423.5		2.0	176.4		1.8	317.5		1.9	375.5	1.7
R2TT88	367.0		0.1	166.5		0.8	236.7		0.3	357.3	0.8
UR2WJB	43.3		0.1	29.3		0.1	17.3		0.0	282.7	0.3
ZAH9C4	400.4		0.3	0.1		0.0	120.9		0.5	344.3	0.4
NH4-N (SubTestCode 205)										Data units: mg/kg	
	SRB1709			SRB1710			SRB1711			SRB1712	
Grand Median	383.7			97.9			178.8			350.8	
Median Abs Dev											
Avg Within Lab SD	54.8			21.5			42.7			48.5	
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	SRB1709			SRB1710			SRB1711			SRB1712				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3UZ3DA	2,936.0	-0.3	0.5	302.7	0.1	0.1	865.3	-0.6	0.7	2,378.7	0.0	1.9		
4G8ZB8	3,050.0	0.0	1.7	300.0	0.1	1.0	970.0	0.5	1.5	2,463.3	0.2	0.6		
7VEVHY	3,056.7	0.0	0.7	216.0	-0.7	0.6	940.2	0.2	0.9	2,446.7	0.2	0.6		
BWWDRL	3,041.2	0.0	0.4	65.0	-2.0	0.0	862.7	-0.6	0.9	2,335.4	-0.2	0.5		
C94NU3	2,854.5	-0.5	0.8	207.8	-0.7	0.6	871.3	-0.5	0.8	2,440.7	0.1	0.3		
DNU9NV	2,854.7	-0.5	0.0	289.4	0.0	0.1	841.8	-0.8	0.2	2,314.9	-0.2	0.2		
LCWXX2	3,920.0	2.4	0.4	308.0	0.2	1.4	933.8	0.1	0.4	1,263.0	-3.1	0.2		
PKWW77	3,088.7	0.1	0.2	164.7	-1.1	0.7	921.3	0.0	0.5	2,441.7	0.1	0.3		
UR2WJB	3,677.3	1.7	2.3	389.7	0.9	1.3	1,179.3	2.6	2.6	3,522.3	3.1	0.9		
WGDABY	2,813.3	-0.7	0.3	256.7	-0.3	0.3	923.3	0.0	0.5	2,243.3	-0.4	0.1		
XEYU96	3,063.3	0.0	0.1	180.0	-1.0	0.5	910.0	-0.1	0.6	2,390.0	0.0	0.2		
XFC7BF	2,623.3	-1.2	0.5	345.3	0.5	2.1	803.0	-1.2	0.3	2,273.3	-0.3	1.9		
ZAH9C4	3,484.8	1.2	1.6	408.6	1.1	1.4	1,065.7	1.5	0.0	2,684.8	0.8	1.9		

PO4 - P (SubTestCode 206)													Data units: mg/kg	
	SRB1709			SRB1710			SRB1711			SRB1712				
Grand Median	3,050.0			289.4			921.3			2,390.0				
Median Abs Dev	195.3			73.4			50.0			73.3				
Avg Within Lab SD	111.0			19.8			24.2			85.5				
Labs Included	13			13			13			13				
Labs Reporting	13			13			13			13				



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SO4 - S (SubTestCode 207)										Data units: mg/kg
WebCode	SRB1709			SRB1710			SRB1711			SRB1712
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
J4NJZF	2,566.7		1.7	1,100.0			1,966.7		1.1	2,300.0 1.6
RR42LF	830.3		0.3	464.8		1.1	840.3		0.8	1,207.6 0.9
UR2WJB	669.3		0.3	520.0		0.8	915.3		1.1	1,400.7 0.0
WGDABY	200.0			100.0			200.0			1,050.0 0.8

SO4 - S (SubTestCode 207)										Data units: mg/kg
	SRB1709			SRB1710			SRB1711			SRB1712
Grand Median	749.8			492.4			877.8			1,304.1
Median Abs Dev										
Avg Within Lab SD	149.8			28.1			53.6			62.6
Labs Included	4			4			4			4
Labs Reporting	4			4			4			4



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CI (SubTestCode 208)													Data units: Percent	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2RW3HH	0.01	-0.83	0.03	0.30	-0.33	0.13	0.08	-0.38	0.04	2.57	-0.23	0.85		
3UZ3DA	0.11	0.25	0.26	0.55	0.64	0.34	0.23	0.95	1.33	2.70	0.23	0.55		
4G8ZB8	0.08	-0.14	0.52	0.38	0.00	0.86	0.13	0.07	0.74	2.59	-0.16	0.28		
7VEVHY	0.17	0.88	0.68	0.75	1.40	2.41	0.35	1.93	2.08	2.61	-0.09	0.56		
BZXGJ9	0.14	0.51	0.52	0.75	1.39	1.53	0.33	1.77	0.98	4.03	5.04	2.73		
EL427J	0.16	0.72	0.62	1.00	2.33	0.57	0.30	1.56	0.83	2.59	-0.16	0.41		
JBLB7N	0.06	-0.36	0.03	0.33	-0.19	0.15	0.10	-0.20	0.22	2.66	0.09	0.06		
JC43HT	0.03	-0.69	0.26	0.31	-0.28	0.00	0.09	-0.34	0.37	2.52	-0.41	0.11		
JZRX9C	0.19	1.12	0.17	0.97	2.22	0.61	0.33	1.80	0.16	2.83	0.71	0.18		
R2TT88	0.03	-0.70	0.01	0.33	-0.19	0.03	0.09	-0.34	0.08	2.84	0.73	1.83		
TEVJP7	0.06	-0.36	0.52	0.36	-0.10	0.17	0.11	-0.10	0.37	2.70	0.25	0.12		
UR2WJB	0.09	0.00	0.45	0.42	0.14	0.30	0.12	-0.01	1.95	0.94	-6.15X	0.34		
WGDABY	0.24	1.58	0.00	0.35	-0.13	0.03	0.14	0.17	0.07	2.48	-0.54	0.03		
XEYU96	0.01	-0.87	0.00	0.31	-0.28	0.00	0.07	-0.48	0.00	2.53	-0.39	0.25		
XFC7BF	0.19	1.10	3.60	0.52	0.50	2.27	0.13	0.00	1.60	2.75	0.42	1.23		

CI (SubTestCode 208)													Data units: Percent	
	SRB1709			SRB1710			SRB1711			SRB1712				
Grand Median	0.09			0.38			0.13			2.63				
Median Abs Dev	0.06			0.07			0.04			0.09				
Avg Within Lab SD	0.02			0.03			0.02			0.09				
Labs Included	15			15			15			14				
Labs Reporting	15			15			15			15				



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TKN (SubTestCode 209)													Data units: Percent	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3UZ3DA	4.72	0.46	0.31	1.19	-0.23	0.24	2.30	0.17	0.31	3.91	1.91	0.21		
7VEVHY	4.74	0.51	0.80	1.22	0.05	0.33	2.27	0.02	0.31	2.70	0.00	0.12		
AW39XM	4.60	0.07	0.92	1.22	0.00	0.36	2.30	0.17	0.12	2.71	0.01	0.44		
BZXGJ9	4.58	0.00	0.36	1.06	-1.45	0.32	2.12	-0.90	1.35	3.72	1.60	0.34		
HAKLTV	4.44	-0.42	0.71	1.44	2.04	0.42	2.21	-0.35	0.23	2.29	-0.64	0.74		
KFYB4F	4.58	0.00	0.42	1.25	0.26	0.36	2.22	-0.31	0.45	2.36	-0.53	0.35		
LRA7X6	4.50	-0.24	0.14	1.21	-0.03	0.08	2.27	0.00	0.08	2.59	-0.16	0.04		
R2TT88	4.93	1.09	0.27	1.33	0.99	0.37	2.41	0.87	0.16	2.78	0.13	0.14		
ZAH9C4	3.52	-3.29	2.55	1.11	-1.02	2.86	1.74	-3.28	2.59	2.00	-1.09	2.82		
TKN (SubTestCode 209)													Data units: Percent	
	SRB1709			SRB1710			SRB1711			SRB1712				
Grand Median	4.58			1.22			2.27			2.70				
Median Abs Dev	0.14			0.03			0.05			0.34				
Avg Within Lab SD	0.10			0.06			0.07			0.12				
Labs Included	9			9			9			9				
Labs Reporting	9			9			9			9				



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N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FKHJV	4.78	0.11	0.15	1.30	0.28	0.20	2.36	0.43	0.11	3.94	0.00	0.34
4G8ZB8	5.01	1.39	1.29	1.04	-4.51X	1.64	2.27	-1.08	0.86	4.05	0.76	0.75
632WAQ	5.04	1.60	0.13	1.35	1.34	0.28	2.46	1.91	0.13	4.16	1.46	0.12
667R8V	4.76	0.02	0.35	1.27	-0.16	0.88	2.31	-0.35	0.28	3.91	-0.22	0.50
AV7VBU	4.48	-1.54	4.69	1.19	-1.83	0.25	2.31	-0.48	4.24	3.67	-1.84	3.20
AW39XM	5.07	1.73	0.26	1.34	1.01	0.18	2.48	2.22	0.17	4.21	1.84	0.21
BWWDRL	4.62	-0.77	0.52	1.14	-2.76	1.96	2.22	-1.79	0.64	3.80	-0.96	1.44
BWY4VJ	4.70	-0.30	0.85	1.28	0.03	2.37	2.32	-0.25	0.36	3.88	-0.42	0.69
BZXGJ9	4.58	-1.00	0.47	1.06	-4.20X	0.70	2.12	-3.31X	1.65	3.72	-1.50	0.82
DNU9NV	4.81	0.32	0.19	1.36	1.47	0.54	2.36	0.37	1.74	3.96	0.12	0.30
EDR62D	4.79	0.18	0.48	1.27	-0.29	0.44	2.34	0.00	0.27	3.93	-0.08	0.60
EL427J	4.71	-0.26	0.00	1.27	-0.22	0.35	2.34	0.01	0.11	3.91	-0.22	0.60
FJX2KD	4.79	0.20	0.10	1.29	0.13	0.16	2.35	0.28	0.16	3.99	0.33	0.14
GLXQ3C	4.77	0.06	0.15	1.30	0.28	0.53	2.37	0.58	0.21	3.95	0.09	0.30
J4NJZF	4.69	-0.37	0.81	1.33	0.91	0.92	2.42	1.36	1.24	4.11	1.16	1.34
JBLB7N	4.71	-0.28	0.56	1.24	-0.78	0.18	2.30	-0.53	0.30	3.88	-0.42	0.22
JC43HT	4.68	-0.41	0.08	1.30	0.34	0.00	2.34	0.06	0.18	3.94	0.00	0.00
JYX9QG	4.82	0.34	0.85	1.27	-0.22	0.73	2.35	0.25	0.15	3.99	0.36	0.20
KMYV7B	4.62	-0.74	0.52	1.22	-1.11	0.70	2.28	-0.87	0.56	3.86	-0.54	0.77
L78EEJ	4.72	-0.18	0.40	1.25	-0.63	0.53	2.32	-0.18	0.34	3.84	-0.67	0.63
PKWW77	4.71	-0.26	0.13	1.30	0.41	0.40	2.33	-0.04	0.38	2.89	-7.05X	0.41
R2TT88	5.16	2.24	0.36	1.30	0.32	0.27	2.39	0.88	0.91	4.19	1.68	0.09
RR42LF	4.79	0.21	0.22	1.28	-0.03	0.25	2.32	-0.19	0.14	3.95	0.07	0.28
TEVJP7	4.57	-1.04	0.40	1.24	-0.73	3.31	2.30	-0.51	0.90	4.04	0.69	2.85
UR2WJB	4.75	-0.02	0.08	1.27	-0.29	0.20	2.31	-0.40	0.18	3.91	-0.22	0.23
WGDABY	5.05	1.63	0.33	1.34	1.02	1.01	2.44	1.54	0.61	4.12	1.24	0.24



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N- Dry Comb. (SubTestCode 210)													Data units: Percent
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
XEYU96	4.53	-1.28	0.20	1.28	-0.10	0.40	2.29	-0.66	0.28	3.76	-1.18	0.30	
XFC7BF	4.83	0.43	0.12	1.33	0.87	0.10	2.40	1.00	0.16	3.96	0.14	0.61	
N- Dry Comb. (SubTestCode 210)													Data units: Percent
	SRB1709			SRB1710			SRB1711			SRB1712			
Grand Median	4.76			1.28			2.34			3.94			
Median Abs Dev	0.06			0.02			0.03			0.06			
Avg Within Lab SD	0.08			0.03			0.05			0.05			
Labs Included	28			26			27			27			
Labs Reporting	28			28			28			28			



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S- Dry Comb. (SubTestCode 211)										Data units: Percent		
SRB1709			SRB1710			SRB1711			SRB1712			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
JZRX9C	0.32		1.00	0.14		1.00	0.23		1.00	0.20		1.00

S- Dry Comb. (SubTestCode 211)					Data units: Percent		
SRB1709		SRB1710		SRB1711		SRB1712	
Grand Median	0.32		0.14		0.23		0.20
Median Abs Dev							
Avg Within Lab SD	0.01		0.00		0.00		0.01
Labs Included	1		1		1		1
Labs Reporting	1		1		1		1



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P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FKHJV	0.407	0.042	0.000	0.064	-0.267	0.000	0.144	-0.346	0.178	0.387	-0.391	0.183
3GRCDM	0.383	-0.558	0.352	0.047	-2.005	0.853	0.117	-2.038	0.671	0.297	-2.214	1.384
3UZ3DA	0.421	0.397	1.068	0.068	0.134	0.391	0.146	-0.265	0.178	0.406	0.000	0.452
632WAQ	0.437	0.809	0.239	0.076	0.960	0.004	0.162	0.727	0.210	0.419	0.260	0.639
667R8V	0.403	-0.051	0.352	0.060	-0.668	0.000	0.150	0.000	0.000	0.403	-0.054	0.346
67433X	0.214	-4.858X	0.196	0.034	-3.275X	0.148	0.081	-4.198X	0.134	0.251	-3.145X	0.069
7VEVHY	0.386	-0.490	0.600	0.070	0.301	0.372	0.150	0.000	0.419	0.408	0.047	0.510
AV7VBU	0.400	-0.135	0.000	0.065	-0.167	1.044	0.145	-0.306	0.822	0.380	-0.526	0.847
AW39XM	0.405	0.000	0.127	0.068	0.134	0.000	0.153	0.183	0.000	0.396	-0.209	0.151
BWWDRL	0.394	-0.294	1.461	0.057	-1.001	0.115	0.128	-1.347	0.120	0.340	-1.340	0.102
BWY4VJ	0.412	0.181	2.642	0.080	1.346	2.867	0.140	-0.582	2.270	0.425	0.378	0.532
BZXCJ9	0.303	-2.585	2.537	0.050	-1.671	1.477	0.113	-2.242	0.671	0.317	-1.809	1.508
C94NU3	0.404	-0.035	0.348	0.064	-0.317	0.129	0.147	-0.214	0.290	0.438	0.640	0.374
DNU9NV	0.522	2.965	2.267	0.091	2.406	1.805	0.189	2.395	2.829	0.463	1.161	2.563
EDR62D	0.459	1.357	0.385	0.076	0.930	0.213	0.157	0.438	0.864	0.435	0.592	1.080
EL427J	0.410	0.118	0.000	0.067	0.000	0.853	0.150	0.000	1.163	0.403	-0.054	0.346
FJX2KD	0.392	-0.346	1.264	0.058	-0.902	1.749	0.142	-0.489	1.914	0.381	-0.513	1.184
GLXQ3C	0.407	0.034	0.704	0.067	0.000	0.853	0.153	0.204	0.671	0.410	0.081	0.599
HAKLTV	0.427	0.541	1.861	0.083	1.671	2.256	0.177	1.630	3.553	0.423	0.351	2.422
HLQYM2	0.447	1.048	0.352	0.070	0.334	0.000	0.160	0.611	0.000	0.443	0.756	0.692
J4NJZF	0.457	1.301	1.407	0.063	-0.334	0.853	0.147	-0.204	0.671	0.427	0.418	0.915
JBLB7N	0.399	-0.158	0.131	0.063	-0.356	0.073	0.144	-0.348	0.238	0.376	-0.612	1.046
JC43HT	0.393	-0.304	0.352	0.060	-0.668	0.000	0.140	-0.611	0.000	0.390	-0.324	0.000
JYX9QG	0.379	-0.674	0.633	0.061	-0.553	0.088	0.142	-0.511	0.410	0.377	-0.593	0.458
JZRX9C	0.511	2.666	0.526	0.083	1.596	0.083	0.171	1.281	0.169	0.446	0.812	0.610
KFYB4F	0.393	-0.304	0.931	0.061	-0.535	0.226	0.140	-0.611	0.000	0.383	-0.459	0.346



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P (SubTestCode 212) in the Wet Digestion Property Groups Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KMYV7B	0.417	0.298	0.351	0.055	-1.140	0.708	0.143	-0.401	0.504	0.386	-0.400	0.480
L78EEJ	0.398	-0.191	0.052	0.068	0.174	0.451	0.145	-0.298	0.479	0.357	-0.986	0.696
LRA7X6	0.357	-1.228	0.171	0.066	-0.055	0.153	0.166	0.974	0.449	0.447	0.832	0.156
PKWW77	0.402	-0.076	1.227	0.071	0.468	0.307	0.154	0.224	0.134	0.428	0.439	0.183
R2TT88	0.450	1.143	0.151	0.070	0.342	0.106	0.161	0.679	0.107	0.442	0.734	0.208
R6R7VW	0.418	0.313	0.465	0.068	0.117	0.084	0.159	0.550	0.707	0.464	1.174	0.000
TEVJP7	0.380	-0.642	0.000	0.067	0.000	0.853	0.143	-0.408	0.671	0.377	-0.594	0.346
U8A62Q	0.419	0.338	0.093	0.070	0.334	0.000	0.150	0.000	0.000	0.460	1.093	2.612
UR2WJB	0.403	-0.051	0.352	0.073	0.668	0.853	0.150	0.000	0.000	0.373	-0.661	0.346
WGDABY	0.440	0.879	0.531	0.065	-0.167	0.391	0.169	1.162	0.419	0.453	0.945	1.025
XFC7BF	0.397	-0.220	0.496	0.074	0.708	0.325	0.146	-0.224	0.537	0.394	-0.243	1.143
YRJQQE	0.450	1.141	0.281	0.070	0.354	0.291	0.163	0.774	0.374	0.480	1.505	0.883
Z6P4LK	0.358	-1.208	0.714	0.051	-1.571	0.148	0.127	-1.427	0.857	0.364	-0.857	1.115
ZAH9C4	0.452	1.184	1.931	0.076	0.951	3.178	0.176	1.601	1.158	0.468	1.246	1.324

P (SubTestCode 212) in the Wet Digestion Property Groups Data units: Percent

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.41	0.067	0.15	0.41
Median Abs Dev	0.01	0.005	0.01	0.03
Avg Within Lab SD	0.02	0.007	0.01	0.02
Labs Included	39	39	39	39
Labs Reporting	40	40	40	40



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FKHJV	0.70	-0.10	0.17	0.99	-0.06	0.09	1.25	-0.15	0.29	9.94	0.06	0.11
3GRCDM	0.73	0.23	1.11	0.90	-0.96	0.73	1.33	0.44	0.80	9.78	-0.07	1.52
3UZ3DA	0.71	0.01	0.67	1.03	0.23	0.43	1.27	-0.05	0.16	10.16	0.25	0.53
632WAQ	0.70	-0.16	0.19	1.05	0.47	0.15	1.38	0.87	0.14	10.92	0.88	0.66
667R8V	0.65	-0.88	0.29	0.93	-0.68	0.09	1.19	-0.67	0.14	9.81	-0.05	0.13
67433X	0.80	1.23	0.12	1.10	0.89	0.06	1.55	2.26	0.03	12.45	2.16	0.11
7VEVHY	0.67	-0.63	0.45	0.95	-0.43	0.50	1.26	-0.13	0.76	9.84	-0.02	0.88
AV7VBU	0.74	0.35	0.21	1.05	0.42	0.77	1.27	-0.02	1.37	10.09	0.19	0.48
AW39XM	0.69	-0.23	0.10	1.01	0.10	0.09	1.29	0.14	0.01	10.06	0.16	0.10
BWWDRL	0.61	-1.40	0.38	0.89	-1.05	0.49	1.12	-1.21	0.23	8.49	-1.15	0.79
BWY4VJ	0.72	0.10	2.23	0.99	-0.13	1.57	1.22	-0.40	2.63	9.12	-0.63	1.23
BZXGJ9	0.54	-2.52	1.61	0.86	-1.33	1.81	1.04	-1.85	0.70	8.51	-1.14	1.50
C94NU3	0.69	-0.27	0.38	0.89	-1.02	0.08	1.17	-0.81	0.07	9.02	-0.71	0.81
DNU9NV	0.78	0.95	0.73	1.11	1.02	0.61	1.39	0.91	0.91	9.92	0.04	0.77
EDR62D	0.82	1.51	4.31	1.17	1.63	3.66	1.48	1.67	4.37	11.22	1.13	0.10
EL427J	0.73	0.33	0.17	1.05	0.50	0.32	1.31	0.33	0.44	10.49	0.52	0.07
FJX2KD	0.70	-0.17	0.89	0.98	-0.20	3.39	1.27	0.00	2.34	10.46	0.50	2.04
GLXQ3C	0.70	-0.20	0.34	0.98	-0.19	0.00	1.27	-0.05	0.35	9.53	-0.28	0.23
HAKLTV	0.71	-0.01	0.59	1.00	0.00	1.63	1.27	-0.02	0.77	9.57	-0.25	2.06
HLQYM2	0.74	0.43	0.29	1.07	0.65	0.56	1.36	0.68	0.29	11.21	1.13	0.75
J4NJZF	0.79	1.20	1.38	1.05	0.47	0.77	1.34	0.52	0.35	10.56	0.58	0.60
JBLB7N	0.74	0.44	0.59	0.96	-0.40	0.23	1.27	0.00	0.09	9.53	-0.28	0.56
JC43HT	0.59	-1.70	0.17	0.85	-1.40	0.15	1.06	-1.69	0.08	9.23	-0.53	0.11
JYX9QG	0.78	1.05	0.75	1.05	0.47	0.22	1.32	0.39	0.30	9.76	-0.09	0.15
JZRX9C	0.74	0.47	0.10	1.09	0.83	0.19	1.33	0.47	0.07	8.59	-1.07	0.22
KFYB4F	0.72	0.14	0.51	1.07	0.62	0.89	1.30	0.22	0.00	9.87	0.00	0.52



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KMYV7B	0.60	-1.62	0.46	0.96	-0.39	0.05	1.22	-0.44	0.12	10.68	0.68	1.07
L78EEJ	0.71	0.01	0.18	1.08	0.73	0.71	1.33	0.43	0.67	8.08	-1.50	1.31
LCWXX2	0.57	-2.09	0.34	0.87	-1.22	1.18	1.01	-2.14	0.77	8.68	-0.99	0.27
LRA7X6	0.40	-4.50X	0.48	0.85	-1.37	0.29	1.17	-0.87	0.39	10.06	0.16	0.24
PKWW77	0.70	-0.14	1.02	1.02	0.15	0.28	1.32	0.39	0.20	10.13	0.22	0.06
R2TT88	0.73	0.24	0.19	1.05	0.50	0.06	1.33	0.45	0.15	10.99	0.94	0.11
R6R7VW	0.68	-0.40	0.51	1.01	0.07	0.36	1.32	0.36	0.52	11.33	1.23	0.34
TEVJP7	0.65	-0.83	0.17	0.97	-0.31	0.32	1.21	-0.53	0.42	9.32	-0.46	1.46
U8A62Q	0.70	-0.13	0.19	1.01	0.12	0.24	1.22	-0.40	0.35	11.03	0.98	2.67
UR2WJB	0.75	0.52	0.94	0.86	-1.27	0.18	1.13	-1.12	0.29	7.38	-2.08	0.43
WGDABY	0.74	0.40	0.56	1.10	0.94	0.24	1.30	0.26	0.50	9.41	-0.38	0.31
XFC7BF	0.76	0.77	0.87	0.91	-0.85	0.38	1.17	-0.80	0.76	9.07	-0.66	1.10
YRJQQE	0.70	-0.14	0.26	1.00	-0.03	0.23	1.27	0.01	0.44	10.77	0.75	0.47
Z6P4LK	0.57	-1.99	0.73	0.76	-2.20	0.19	1.03	-1.95	0.53	8.93	-0.78	0.47
ZAH9C4	0.78	0.97	1.47	1.15	1.36	0.93	1.46	1.56	0.66	12.20	1.96	2.63

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.71	1.00	1.27	9.87
Median Abs Dev	0.03	0.05	0.05	0.69
Avg Within Lab SD	0.03	0.06	0.07	0.45
Labs Included	40	41	41	41
Labs Reporting	41	41	41	41



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Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GRCDM	1.15	-2.04	0.58	1.40	-3.45X	0.58	2.33	-3.07	0.48	1.30	-1.35	0.97
3UZ3DA	1.59	0.61	0.75	2.25	0.75	0.54	3.72	0.18	0.30	1.52	0.25	0.51
632WAQ	1.62	0.79	0.44	2.48	1.88	0.11	4.03	0.91	0.19	1.61	0.84	0.25
667R8V	1.49	0.01	0.51	2.08	-0.10	0.17	3.58	-0.14	0.28	1.44	-0.34	0.15
67433X	1.50	0.07	0.04	2.13	0.16	0.02	4.06	0.98	0.01	1.74	1.76	0.83
7VEVHY	1.41	-0.46	0.15	1.96	-0.69	0.87	3.57	-0.17	0.40	1.48	-0.08	0.42
AV7VBU	1.58	0.57	2.89	2.28	0.85	1.59	3.86	0.50	2.17	1.47	-0.16	2.16
AW39XM	1.50	0.11	0.06	2.10	-0.01	0.13	3.65	0.02	0.08	1.44	-0.35	0.11
BWWDRL	1.44	-0.25	0.34	1.85	-1.23	0.06	3.28	-0.84	0.31	1.27	-1.55	0.10
BWY4VJ	1.47	-0.12	1.00	2.06	-0.21	1.24	3.43	-0.48	2.81	1.49	0.03	0.91
BZXGJ9	1.30	-1.15	2.13	2.04	-0.30	2.21	3.22	-0.99	0.77	1.37	-0.83	1.31
C94NU3	1.40	-0.50	0.35	1.88	-1.08	0.09	3.33	-0.73	0.10	1.42	-0.46	0.23
DNU9NV	2.05	3.44	2.45	2.77	3.30X	1.68	4.83	2.79	1.57	1.77	2.02	1.70
EDR62D	1.62	0.81	2.96	2.18	0.41	2.10	3.65	0.03	2.64	1.54	0.34	2.58
EL427J	1.56	0.45	0.15	2.25	0.75	0.34	3.79	0.34	0.77	1.52	0.20	0.30
FJX2KD	1.54	0.31	0.93	2.11	0.04	3.74	3.46	-0.41	2.79	1.56	0.51	2.16
GLXQ3C	1.46	-0.14	0.86	2.02	-0.41	0.77	3.52	-0.28	0.83	1.48	-0.03	0.47
HAKLTV	1.69	1.24	0.15	2.16	0.31	0.72	3.64	0.00	0.81	1.68	1.34	1.31
HLQYM2	1.51	0.13	0.17	2.18	0.40	0.70	3.65	0.02	0.25	1.50	0.06	0.51
J4NJZF	1.70	1.32	1.58	2.27	0.83	0.98	3.91	0.63	0.32	1.59	0.72	0.67
JBLB7N	1.48	-0.01	0.38	2.01	-0.45	0.20	3.57	-0.17	0.25	1.48	-0.05	0.68
JC43HT	1.30	-1.15	0.42	1.85	-1.25	0.13	3.15	-1.15	0.12	1.24	-1.73	0.08
JYX9QG	1.47	-0.08	0.47	2.10	0.01	0.30	3.70	0.14	0.41	1.44	-0.31	0.42
JZRX9C	1.73	1.46	0.13	2.37	1.32	0.22	4.27	1.48	0.26	1.63	1.01	0.31
KFYB4F	1.47	-0.12	0.84	2.07	-0.17	0.48	3.60	-0.09	1.04	1.47	-0.15	0.84
KMYV7B	1.60	0.68	0.39	1.99	-0.56	0.82	3.66	0.05	0.24	1.46	-0.22	0.59



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
L78EEJ	1.48	-0.05	0.07	2.19	0.42	0.78	3.70	0.14	0.83	1.48	-0.07	0.75		
LCWXX2	1.21	-1.65	0.62	1.79	-1.54	0.70	2.94	-1.64	0.36	1.18	-2.21	0.47		
LRA7X6	1.44	-0.29	0.23	2.10	0.02	0.45	3.16	-1.12	0.59	1.55	0.42	0.49		
PKWW77	1.48	-0.06	0.29	2.11	0.03	0.28	3.73	0.22	0.21	1.51	0.14	0.19		
R2TT88	1.59	0.63	0.15	2.26	0.78	0.09	3.83	0.45	0.09	1.55	0.42	0.08		
R6R7VW	1.46	-0.16	0.15	2.08	-0.09	0.46	3.72	0.19	0.58	1.54	0.35	0.44		
TEVJP7	1.33	-0.97	0.17	1.97	-0.66	0.51	3.44	-0.47	1.20	1.31	-1.28	0.80		
U8A62Q	1.42	-0.40	0.25	2.07	-0.17	0.13	3.39	-0.59	0.03	1.52	0.20	2.31		
UR2WJB	1.46	-0.14	0.74	1.98	-0.60	0.08	3.38	-0.60	0.30	1.48	-0.08	0.80		
WGDABY	1.65	0.99	0.70	2.38	1.36	1.26	5.89	5.25X	0.19	1.50	0.09	1.14		
XFC7BF	1.50	0.07	0.51	2.18	0.39	0.79	3.53	-0.26	0.18	1.46	-0.20	0.50		
YRJQOE	1.50	0.09	0.39	2.08	-0.09	0.50	3.65	0.03	0.30	1.63	0.98	0.97		
Z6P4LK	1.19	-1.82	0.30	1.53	-2.82	0.29	2.81	-1.94	0.69	1.21	-1.94	0.95		
ZAH9C4	1.76	1.65	1.39	2.61	2.49	1.14	4.52	2.06	0.80	1.75	1.87	0.76		

Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
	SRB1709			SRB1710			SRB1711			SRB1712				
Grand Median	1.49			2.10			3.64			1.49				
Median Abs Dev	0.08			0.09			0.19			0.05				
Avg Within Lab SD	0.07			0.12			0.17			0.07				
Labs Included	40			38			39			40				
Labs Reporting	40			40			40			40				



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Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GRCDM	0.78	-0.85	1.45	0.21	-1.90	0.80	0.29	-1.80	0.73	0.58	-1.67	1.74
3UZ3DA	0.93	0.77	0.80	0.28	0.72	0.81	0.36	0.42	0.16	0.74	0.41	0.60
632WAQ	0.92	0.68	0.21	0.27	0.68	0.08	0.37	0.57	0.10	0.74	0.41	0.21
667R8V	0.83	-0.28	0.91	0.24	-0.75	0.40	0.33	-0.66	0.96	0.66	-0.59	0.71
67433X	0.81	-0.58	0.11	0.27	0.41	0.18	0.40	1.30	0.19	0.90	2.55	0.14
7VEVHY	0.82	-0.39	0.37	0.25	-0.37	0.80	0.35	-0.08	0.73	0.71	0.00	0.85
AV7VBU	0.88	0.21	0.00	0.26	0.15	0.98	0.35	-0.13	2.22	0.69	-0.29	1.68
AW39XM	0.86	0.02	0.05	0.26	0.17	0.08	0.35	-0.07	0.22	0.70	-0.10	0.14
BWWDRL	0.80	-0.59	0.78	0.22	-1.21	0.59	0.30	-1.37	0.33	0.64	-0.92	0.07
BWY4VJ	0.85	-0.14	2.02	0.24	-0.66	1.33	0.31	-1.05	2.48	0.69	-0.24	0.89
BZXGJ9	0.70	-1.67	2.38	0.25	-0.37	2.43	0.32	-0.85	0.63	0.67	-0.50	1.89
C94NU3	0.81	-0.54	0.23	0.23	-1.14	0.23	0.32	-0.97	0.32	0.69	-0.20	0.10
DNU9NV	1.15	3.12X	2.22	0.32	2.36	0.22	0.43	2.36	0.58	0.79	1.08	1.80
EDR62D	0.96	1.10	2.52	0.29	1.30	1.96	0.37	0.53	2.11	0.76	0.76	1.64
EL427J	0.90	0.39	0.66	0.27	0.40	0.40	0.36	0.39	0.36	0.68	-0.41	0.20
FJX2KD	0.91	0.58	1.52	0.25	-0.24	3.59	0.36	0.25	2.47	0.74	0.42	1.20
GLXQ3C	0.85	-0.14	0.91	0.24	-0.50	0.40	0.34	-0.27	0.63	0.69	-0.23	0.34
HAKLTV	0.78	-0.85	0.95	0.25	-0.37	1.74	0.35	0.11	1.58	0.65	-0.77	0.90
HLQYM2	0.87	0.11	0.32	0.26	0.15	0.69	0.35	0.01	0.63	0.71	0.05	0.59
J4NJZF	1.00	1.53	1.80	0.28	0.79	1.44	0.38	0.78	0.73	0.78	0.95	0.85
JBLB7N	0.92	0.59	0.09	0.26	0.00	0.49	0.35	0.12	0.43	0.72	0.20	0.09
JC43HT	0.76	-1.10	0.37	0.21	-1.65	0.40	0.28	-1.99	0.00	0.60	-1.40	0.20
JYX9QG	0.90	0.43	0.71	0.25	-0.27	0.19	0.34	-0.28	0.42	0.73	0.35	0.51
JZRX9C	1.12	2.77	0.44	0.30	1.73	0.09	0.42	2.14	0.23	0.91	2.77X	0.17
KFYB4F	0.89	0.32	0.84	0.26	0.02	0.40	0.35	0.01	0.63	0.72	0.18	0.34
KMYV7B	0.92	0.65	0.58	0.24	-0.68	0.21	0.34	-0.34	0.23	0.65	-0.72	0.54



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
L78EEJ	0.82	-0.43	0.20	0.25	-0.14	1.13	0.35	-0.03	1.92	0.68	-0.34	1.06	
LCWXX2	0.75	-1.14	0.52	0.23	-1.16	0.48	0.31	-1.23	0.26	0.64	-0.92	0.37	
LRA7X6	0.83	-0.35	0.16	0.25	-0.42	0.38	0.35	-0.01	0.28	0.72	0.21	0.53	
PKWW77	0.84	-0.24	1.27	0.25	-0.09	0.18	0.35	0.05	0.43	0.72	0.14	0.30	
R2TT88	0.95	0.95	0.19	0.27	0.68	0.13	0.37	0.55	0.19	0.77	0.80	0.11	
R6R7VW	0.85	-0.13	0.26	0.25	-0.21	0.40	0.36	0.32	0.89	0.76	0.66	0.17	
TEVJP7	0.79	-0.75	0.55	0.24	-0.75	0.40	0.31	-1.04	0.96	0.64	-0.95	0.71	
U8A62Q	0.93	0.78	0.37	0.28	1.04	0.40	0.37	0.49	0.73	0.82	1.49	3.08	
UR2WJB	0.86	0.00	0.32	0.27	0.40	0.40	0.35	0.11	1.31	0.66	-0.63	1.22	
WGDABY	0.89	0.36	0.45	0.27	0.56	0.32	0.35	-0.11	0.48	0.77	0.88	0.15	
XFC7BF	0.83	-0.31	0.98	0.26	0.02	0.88	0.33	-0.44	0.56	0.67	-0.46	1.20	
YRJQOE	0.93	0.77	0.25	0.27	0.41	0.43	0.37	0.53	0.38	0.79	1.10	0.45	
Z6P4LK	0.70	-1.67	0.76	0.19	-2.67X	0.14	0.29	-1.76	0.91	0.62	-1.18	1.14	
ZAH9C4	0.97	1.12	2.08	0.29	1.47	1.05	0.40	1.46	0.98	0.79	1.18	0.91	

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent
	SRB1709	SRB1710	SRB1711	SRB1712	
Grand Median	0.86	0.26	0.35	0.71	
Median Abs Dev	0.05	0.01	0.02	0.04	
Avg Within Lab SD	0.03	0.01	0.02	0.03	
Labs Included	39	39	40	39	
Labs Reporting	40	40	40	40	



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	0.28	0.25	0.99	0.14	0.59	0.42	0.23	0.65	0.14	0.22	-0.23	0.23
4G8ZB8	0.27	-0.35	0.99	0.12	-0.35	0.00	0.20	-0.48	0.48	0.23	-0.11	0.52
632WAQ	0.30	0.73	0.27	0.14	0.82	0.05	0.23	0.69	0.14	0.24	0.23	0.14
667R8V	0.27	-0.24	0.00	0.12	-0.51	0.47	0.21	-0.17	0.48	0.23	0.13	0.52
67433X	0.22	-2.07	0.13	0.08	-2.43	0.31	0.18	-1.11	0.13	0.22	-0.50	0.09
7VEVHY	0.30	0.88	0.99	0.12	-0.19	0.47	0.21	0.04	1.28	0.27	1.48	0.90
AV7VBU	0.28	0.17	0.12	0.13	-0.11	0.23	0.21	-0.02	1.24	0.22	-0.45	0.19
AW39XM	0.30	0.62	0.13	0.15	0.93	0.13	0.24	0.86	0.05	0.23	0.13	0.19
BWWDRL	0.26	-0.64	0.13	0.11	-0.93	0.27	0.18	-1.00	0.17	0.19	-1.52	0.24
BWY4VJ	0.27	-0.39	1.17	0.12	-0.41	0.55	0.18	-1.03	1.90	0.22	-0.50	1.14
BZXGJ9	0.24	-1.24	2.28	0.13	-0.03	2.06	0.18	-1.00	0.84	0.20	-1.09	1.80
C94NU3	0.28	0.01	0.45	0.12	-0.18	0.41	0.21	-0.07	0.17	0.24	0.21	0.26
DNU9NV	0.42	4.94X	4.94	0.18	2.35	1.72	0.31	3.07X	2.63	0.30	2.45	1.75
EDR62D	0.30	0.78	0.96	0.13	0.06	0.75	0.21	0.02	1.41	0.23	0.02	1.23
EL427J	0.28	0.21	0.50	0.13	-0.03	0.47	0.22	0.25	0.84	0.23	-0.11	0.52
FJX2KD	0.29	0.49	1.31	0.12	-0.16	2.84	0.21	-0.04	3.25	0.23	-0.01	1.05
GLXQ3C	0.24	-1.13	0.50	0.11	-0.83	0.00	0.19	-0.69	0.00	0.20	-1.09	0.00
HAKLTV	0.19	-2.92	2.58	0.19	2.84X	1.25	0.20	-0.27	2.94	0.25	0.75	2.70
HLQYM2	0.31	1.00	0.99	0.14	0.61	0.82	0.24	0.77	0.48	0.27	1.60	1.04
J4NJZF	0.28	-0.01	1.31	0.11	-0.83	0.00	0.20	-0.48	0.48	0.23	0.01	0.90
JBLB7N	0.28	0.26	0.41	0.15	1.08	0.08	0.24	1.02	0.43	0.23	0.09	1.06
JC43HT	0.30	0.88	0.50	0.14	0.61	0.00	0.24	0.87	0.00	0.24	0.38	0.00
JYX9QG	0.26	-0.52	0.63	0.13	0.17	0.09	0.22	0.38	0.45	0.21	-0.56	0.33
JZRX9C	0.25	-0.80	0.54	0.14	0.48	0.06	0.24	0.76	0.27	0.15	-2.77X	0.07
KFYB4F	0.26	-0.57	0.00	0.11	-0.83	0.00	0.19	-0.59	0.48	0.20	-1.21	0.52
KMYV7B	0.30	0.84	0.38	0.15	1.19	0.48	0.29	2.31	1.20	0.28	1.99	0.84



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S (SubTestCode 216) in the Wet Digestion Property Groups Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
L78EEJ	0.27	-0.08	0.63	0.13	-0.10	0.56	0.21	-0.14	0.68	0.22	-0.42	1.14
LRA7X6	0.28	0.04	0.38	0.15	1.25	0.24	0.25	1.26	0.20	0.22	-0.45	0.66
PKWW77	0.29	0.40	0.86	0.15	0.91	0.13	0.26	1.48	0.19	0.24	0.42	0.31
R2TT88	0.31	1.08	0.12	0.13	0.30	0.15	0.22	0.39	0.18	0.24	0.44	0.13
TEVJP7	0.26	-0.68	1.31	0.12	-0.51	0.47	0.19	-0.69	0.84	0.20	-1.09	0.90
U8A62Q	0.27	-0.35	0.99	0.12	-0.51	0.47	0.20	-0.38	0.00	0.25	0.62	2.74
UR2WJB	0.27	-0.12	0.50	0.15	0.93	3.78	0.20	-0.48	0.48	0.21	-0.84	0.52
WGDABY	0.29	0.51	0.66	0.13	0.03	0.38	0.24	0.84	0.55	0.24	0.37	0.29
XFC7BF	0.27	-0.15	0.20	0.13	0.19	0.47	0.22	0.18	0.17	0.23	-0.11	0.75
Z6P4LK	0.25	-0.88	0.93	0.10	-1.37	0.25	0.19	-0.74	0.78	0.21	-0.75	1.01
ZAH9C4	0.34	1.98	2.61	0.16	1.49	1.47	0.28	2.13	1.01	0.28	1.90	0.63

S (SubTestCode 216) in the Wet Digestion Property Groups Data units: Percent

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.28	0.13	0.21	0.23
Median Abs Dev	0.02	0.01	0.02	0.01
Avg Within Lab SD	0.01	0.01	0.01	0.01
Labs Included	36	36	36	36
Labs Reporting	37	37	37	37



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Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	0.001	-0.679	0.154	0.018	-0.155	0.019	0.014	-0.247	0.000	0.092	0.099	0.604
632WAQ	0.002	-0.550	0.000	0.023	0.233	0.021	0.019	0.599	0.222	0.109	1.635	0.369
7VEVHY	0.010	0.725	0.000	0.020	0.029	0.000	0.017	0.247	2.130	0.087	-0.389	1.319
AW39XM				0.018	-0.155	0.019	0.014	-0.247	0.000	0.086	-0.450	0.000
BWWDRL	0.007	0.169	0.218	0.020	0.053	0.053	0.020	0.839	0.244	0.083	-0.695	0.098
BWY4VJ	0.003	-0.475	0.063	0.021	0.101	0.110	0.014	-0.158	0.572	0.088	-0.266	0.098
BZXGJ9	0.010	0.725	0.000	0.020	0.029	0.000	0.010	-0.987	0.000	0.080	-0.999	2.284
C94NU3	0.019	2.213	0.261	0.043	1.876	0.035	0.031	2.838	0.241	0.102	1.045	0.335
DNU9NV	0.020	2.292	4.438	0.024	0.353	0.135	0.021	0.987	3.005	0.097	0.526	2.638
EDR62D	0.006	0.000	0.233	0.023	0.277	0.077	0.020	0.885	1.174	0.092	0.060	0.632
EL427J	0.010	0.725	0.000	0.020	0.029	0.000	0.017	0.247	2.130	0.090	-0.084	0.000
FJX2KD	0.001	-0.733	0.000	0.019	-0.050	0.147	0.016	0.123	0.738	0.101	0.893	2.123
HLQYM2	0.001	-0.684	0.000	0.018	-0.103	0.019	0.015	-0.123	0.213	0.086	-0.481	0.349
J4NJZF	0.010	0.725	0.000	0.030	0.818	0.000	0.030	2.715	0.000	0.110	1.747	0.000
JC43HT	0.001	-0.733	0.000	0.012	-0.602	0.000	0.009	-1.234	0.213	0.084	-0.664	0.476
JYX9QG	0.000	-0.854	0.003	0.011	-0.642	0.010	0.011	-0.829	0.084	0.004	-7.997X	0.828
JZRX9C	0.011	0.885	0.025	0.028	0.663	0.010	0.036	3.881X	0.360	0.102	0.988	0.095
L78EEJ	0.007	0.191	0.254	0.097	6.106	4.078	0.022	1.185	0.739	0.092	0.105	0.592
LCWXX2	0.004	-0.226	0.114	0.011	-0.689	0.084	0.009	-1.149	0.178	0.045	-4.237	0.785
PKWW77	0.004	-0.247	0.267	0.020	0.000	0.019	0.017	0.247	0.213	0.091	0.008	0.000
R2TT88	0.002	-0.509	0.421	0.021	0.143	0.063	0.015	-0.041	0.112	0.091	0.000	0.010
R6R7VW				0.017	-0.234	0.019	0.014	-0.185	0.213	0.089	-0.206	0.132
TEVJP7	0.005	-0.054	0.453	0.149	10.218X	3.755	0.018	0.500	0.796	0.081	-0.893	1.038
U8A62Q				0.018	-0.103	0.019	0.014	-0.185	0.213	0.095	0.374	2.203
UR2WJB	0.010	0.725	0.000	0.080	4.764	3.495	0.020	0.864	0.000	0.090	-0.084	0.000
WGDABY	0.002	-0.625	0.154	0.019	-0.024	0.019	0.015	0.000	0.213	0.100	0.801	0.132



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
XFC7BF	0.007	0.304	0.324	0.017	-0.171	0.162	0.018	0.444	0.364	0.088	-0.279	0.706
YRJQQE				0.018	-0.168	0.007	0.015	-0.123	0.077	0.094	0.304	0.649
Z6P4LK				0.014	-0.445	0.000	0.014	-0.185	0.564	0.080	-0.999	0.000
ZAH9C4	0.011	0.814	2.108	0.013	-0.546	0.223	0.009	-1.145	2.554	0.094	0.248	1.155
Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
	SRB1709			SRB1710			SRB1711			SRB1712		
Grand Median	0.006			0.020			0.015			0.09		
Median Abs Dev	0.004			0.002			0.002			0.00		
Avg Within Lab SD	0.004			0.030			0.003			0.00		
Labs Included	25			29			29			29		
Labs Reporting	25			30			30			30		



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AI (SubTestCode 218) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7VEVHY	144.4	-0.1	0.8	340.2	-0.5	0.6	73.7	0.2	1.2	119.7	0.5	1.1	
AW39XM	214.9	0.9	0.1	555.6	1.0	0.0	85.5	0.7	0.6	109.1	0.2	0.2	
BWWDRL	144.8	-0.1	0.1	394.2	-0.1	0.3	59.3	-0.4	0.5	76.0	-0.7	0.5	
BZXGJ9	88.3	-1.0	0.4	322.2	-0.6	0.8	27.6	-1.7	0.5	55.7	-1.3	0.9	
EDR62D	141.4	-0.2	0.4	408.0	0.0	0.5	67.7	0.0	1.4	116.0	0.4	0.8	
EL427J	78.0	-1.1	0.4	271.7	-0.9	0.6	59.0	-0.4	1.9	52.7	-1.4	0.8	
FJX2KD	169.7	0.3	0.7	409.7	0.0	1.2	65.3	-0.1	2.9	102.4	0.0	1.4	
HLQYM2	180.1	0.4	0.1	469.3	0.4	0.2	73.0	0.2	0.3	101.2	0.0	0.2	
J4NJZF	82.3	-1.1	0.2	249.3	-1.1	0.2	27.7	-1.7	0.3	49.0	-1.5	0.3	
JC43HT	160.3	0.1	0.1	565.0	1.0	0.3	74.3	0.3	0.7	72.7	-0.8	0.6	
JYX9QG	167.9	0.2	0.3	453.4	0.3	0.2	68.9	0.0	0.7	121.8	0.6	0.3	
JZRX9C	198.3	0.7	0.4	626.8	1.4	0.7	80.1	0.5	0.3	139.9	1.1	0.9	
PKWW77	133.6	-0.3	0.1	356.5	-0.4	0.1	59.5	-0.4	0.4	82.5	-0.5	0.3	
R2TT88	144.1	-0.1	0.2	410.1	0.0	0.3	59.3	-0.4	0.2	88.6	-0.4	0.5	
R6R7VW	129.0	-0.4	0.1	380.3	-0.2	0.2	58.7	-0.4	0.5	91.3	-0.3	0.2	
TEVJP7	231.3	1.2	0.5	602.2	1.3	0.0	100.5	1.4	0.8	130.5	0.8	1.3	
U8A62Q	177.3	0.4	0.1	476.3	0.4	0.3	69.2	0.0	0.6	107.0	0.1	1.2	
UR2WJB	92.0	-0.9	0.2	238.3	-1.1	0.2	46.7	-0.9	0.7	48.7	-1.5	0.4	
WGDABY	252.3	1.5	0.3	671.0	1.7	0.2	95.7	1.2	0.4	127.3	0.7	0.5	
YRJQQE	191.7	0.6	0.3	538.7	0.8	0.1	86.5	0.8	0.2	121.0	0.5	0.5	
Z6P4LK	85.2	-1.0	0.5	271.7	-0.9	0.2	48.3	-0.9	0.5	75.3	-0.7	0.5	
ZAH9C4	296.6	2.2	4.4	521.8	0.7	4.2	117.5	2.1	1.4	135.3	0.9	3.3	



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AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1709	SRB1710	SRB1711	SRB1712	
Grand Median	152.5	409.9	68.3	101.8	
Median Abs Dev	33.3	99.8	9.5	22.8	
Avg Within Lab SD	27.1	64.4	5.0	8.8	
Labs Included	22	22	22	22	
Labs Reporting	22	22	22	22	



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GRCDM	49.2	0.6	1.0	138.3	-0.3	0.8	58.4	-0.4	1.3	29.1	-0.1	1.2
3UZ3DA	52.3	1.2	0.6	158.0	0.8	0.5	65.8	0.8	0.3	29.9	0.1	0.2
632WAQ	47.9	0.3	0.5	157.0	0.8	0.3	63.1	0.4	0.6	31.1	0.4	0.3
667R8V	43.9	-0.5	0.1	136.0	-0.5	0.1	60.2	-0.1	0.1	32.0	0.6	0.4
67433X	44.4	-0.4	0.0	138.7	-0.3	0.0	64.4	0.6	0.0	30.8	0.3	0.1
7VEVHY	48.5	0.4	0.7	139.9	-0.2	0.7	63.4	0.4	1.1	34.7	1.2	0.4
AV7VBU	45.5	-0.2	4.6	157.5	0.8	4.6	56.1	-0.8	4.5	26.1	-0.8	4.1
AW39XM	45.0	-0.3	0.1	143.7	0.0	0.1	57.4	-0.6	0.1	26.1	-0.8	0.1
BWWDRL	41.7	-0.9	0.1	121.3	-1.3	0.1	50.8	-1.7	0.1	24.4	-1.2	0.0
BZXGJ9	41.1	-1.0	0.9	162.6	1.1	1.6	56.7	-0.7	1.0	25.3	-0.9	0.6
C94NU3	48.1	0.3	0.4	133.9	-0.6	0.1	62.2	0.2	0.3	34.0	1.0	0.5
DNU9NV	59.4	2.6	2.0	178.2	2.0	0.5	79.1	3.1X	1.2	37.0	1.8	0.8
EDR62D	54.8	1.7	1.4	167.8	1.4	1.1	69.4	1.4	2.0	32.6	0.7	0.6
EL427J	52.0	1.1	0.5	166.7	1.4	0.5	67.0	1.0	0.3	30.0	0.1	0.4
FJX2KD	52.9	1.3	0.2	131.4	-0.7	2.2	63.8	0.5	1.4	34.3	1.1	0.3
GLXQ3C	47.0	0.1	0.5	141.0	-0.2	0.2	61.1	0.1	0.5	32.7	0.8	2.9
HLQYM2	44.4	-0.4	0.1	140.8	-0.2	0.4	57.4	-0.6	0.2	24.7	-1.1	0.1
J4NJZF	33.0	-2.7X	0.5	95.0	-2.9X	0.3	39.7	-3.5X	0.1	18.7	-2.5X	0.2
JBLB7N	41.0	-1.1	0.0	119.9	-1.4	0.2	52.8	-1.3	0.0	22.5	-1.6	0.4
JC43HT	42.3	-0.8	0.2	132.3	-0.7	0.2	53.3	-1.2	0.1	25.0	-1.0	
JYX9QG	45.0	-0.3	0.3	147.0	0.2	0.1	60.5	-0.1	0.1	27.5	-0.4	0.3
JZRX9C	46.3	0.0	0.1	141.8	-0.1	0.0	58.3	-0.4	0.1	27.2	-0.5	0.0
KFYB4F	42.6	-0.8	1.1	147.0	0.2	0.6	55.6	-0.9	0.3	20.8	-2.0	0.5
KMYV7B	44.3	-0.4	0.2	142.5	-0.1	0.6	60.2	-0.1	0.2	27.5	-0.4	0.3
L78EEJ	50.5	0.8	0.6	160.8	1.0	0.5	65.3	0.8	0.8	30.5	0.2	0.6
LRA7X6	52.2	1.2	0.1	164.3	1.2	0.1	67.4	1.1	0.5	33.6	1.0	0.3



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B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PKWW77	44.7	-0.3	0.3	135.6	-0.5	0.1	60.3	-0.1	0.4	28.0	-0.3	0.2	
R2TT88	50.9	0.9	0.1	156.5	0.8	0.0	66.3	0.9	0.1	31.1	0.4	0.3	
TEVJP7	44.8	-0.3	0.9	175.9	1.9	0.1	71.2	1.8	0.4	29.4	0.0	0.4	
U8A62Q	44.7	-0.3	0.2	148.0	0.3	0.1	58.5	-0.4	0.3	28.4	-0.2	1.1	
UR2WJB	45.0	-0.3	0.5	127.0	-1.0	0.1	58.3	-0.4	0.3	28.0	-0.3	0.4	
WGDABY	40.7	-1.1	0.6	141.3	-0.1	0.6	66.7	1.0	0.4	28.7	-0.2	0.5	
XFC7BF	48.4	0.4	0.7	157.7	0.8	0.2	63.1	0.4	0.2	29.4	0.0	0.7	
YRJQQE	49.6	0.6	0.2	155.0	0.7	0.2	66.7	1.0	0.2	32.6	0.7	0.5	
Z6P4LK	48.7	0.5	0.4	142.3	-0.1	0.9	58.9	-0.3	0.8	33.0	0.8	0.3	
ZAH9C4	47.2	0.2	0.7	145.4	0.1	0.5	63.7	0.5	0.4	31.2	0.4	1.0	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB1709		SRB1710		SRB1711		SRB1712	
Grand Median	46.3		143.7		60.8		29.4	
Median Abs Dev	2.4		11.3		3.4		2.6	
Avg Within Lab SD	3.7		13.2		4.0		2.8	
Labs Included	35		35		34		35	
Labs Reporting	36		36		36		36	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GRCDM	45.3	-0.7	0.4	7.6	-1.5	0.6	46.4	-1.1	1.0	27.5	-2.0	1.5
3UZ3DA	53.5	0.5	2.1	11.4	0.3	0.6	57.1	0.3	0.4	37.3	-0.1	0.7
632WAQ	61.3	1.5	1.2	11.2	0.2	0.4	65.0	1.3	0.2	42.5	0.9	0.5
667R8V	48.1	-0.3	0.1	11.8	0.5	0.9	54.7	0.0	0.2	41.6	0.7	1.0
67433X	39.0	-1.5	0.0	7.5	-1.6	0.0	45.1	-1.3	0.0	33.2	-0.9	0.0
7VEVHY	44.5	-0.8	1.2	11.5	0.3	2.2	55.1	0.0	1.8	42.3	0.9	1.1
AV7VBU	50.2	0.0	0.0	14.1	1.5	2.6	56.7	0.2	1.7	35.9	-0.4	1.2
AW39XM	52.2	0.3	0.2	10.8	0.0	0.1	58.2	0.4	0.1	38.7	0.2	0.2
BWWDRL	48.3	-0.3	0.5	11.0	0.1	0.2	45.8	-1.2	0.3	34.5	-0.7	0.8
BZXGJ9	35.3	-2.0	1.8	9.0	-0.9	1.3	39.3	-2.1	0.7	24.9	-2.5	1.1
C94NU3	47.7	-0.3	0.4	9.3	-0.7	0.5	51.7	-0.4	0.3	38.3	0.1	0.4
DNU9NV	74.2	3.3	2.1	15.2	2.1	0.2	81.0	3.4	2.9	59.3	4.2	1.5
EDR62D	56.5	0.9	2.5	12.4	0.7	3.3	60.3	0.7	2.8	40.8	0.6	1.9
EL427J	52.3	0.3	0.3	10.7	-0.1	0.5	59.0	0.5	0.6	38.3	0.1	0.9
FJX2KD	60.2	1.4	2.0	6.9	-1.8	0.5	67.7	1.6	1.5	41.5	0.7	1.8
GLXQ3C	49.3	-0.1	0.7	10.5	-0.2	0.3	54.7	0.0	0.5	37.8	0.0	0.4
HAKLTV	50.4	0.0	1.5	12.0	0.6	0.8	55.7	0.1	1.1	36.7	-0.2	2.2
HLQYM2	50.2	0.0	0.2	10.5	-0.1	0.2	55.8	0.1	0.3	38.3	0.1	0.6
J4NJZF	57.0	0.9		11.0	0.1	0.8	56.7	0.2	0.5	38.3	0.1	0.7
JBLB7N	51.7	0.2	0.2	11.6	0.4	0.5	55.3	0.0	0.2	34.8	-0.6	0.6
JC43HT	45.7	-0.6	0.6	9.0	-0.9		49.3	-0.8	0.2	33.3	-0.9	0.4
JYX9QG	50.2	0.0	0.5	8.4	-1.2	0.1	54.5	-0.1	0.4	35.4	-0.5	0.6
JZRX9C	46.2	-0.6	0.1	10.2	-0.3	0.0	46.5	-1.1	0.3	33.6	-0.8	0.2
KFYB4F	49.8	-0.1	0.7	11.9	0.5	1.6	54.7	-0.1	0.4	35.1	-0.5	0.8
KMYV7B	45.1	-0.7	0.6	12.5	0.8	0.1	47.4	-1.0	0.7	36.4	-0.3	0.2
L78EEJ	52.3	0.3	0.8	11.3	0.2	0.9	55.0	0.0	0.4	37.4	-0.1	0.8



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Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
LCWXX2	51.6	0.2	0.6	13.9	1.5	1.1	57.0	0.3	0.2	40.1	0.5	0.3		
LRA7X6	45.3	-0.7	0.0	9.3	-0.7	0.2	52.7	-0.3	0.6	41.8	0.8	1.0		
PKWW77	51.6	0.2	0.8	10.4	-0.2	0.5	57.9	0.4	0.4	37.9	0.0	0.3		
R2TT88	56.8	0.9	0.2	11.0	0.1	0.4	62.1	0.9	0.2	40.2	0.5	0.2		
R6R7VW	45.3	-0.7	0.6	10.0	-0.4		53.3	-0.2	0.7	35.7	-0.4	0.4		
TEVJP7	52.1	0.3	1.4	10.6	-0.1	0.6	59.0	0.5	1.2	35.8	-0.4	1.3		
U8A62Q	50.0	0.0	0.5	10.4	-0.2	0.2	54.1	-0.1	0.2	38.3	0.1	2.3		
UR2WJB	52.7	0.3	0.3	13.3	1.2	0.9	56.0	0.1	0.3	38.3	0.1	1.3		
WGDABY	61.5	1.6	0.6	12.5	0.8	0.4	72.0	2.2	0.8	45.5	1.5	0.9		
XFC7BF	49.6	-0.1	0.5	10.1	-0.3	1.3	53.8	-0.2	0.5	35.8	-0.4	0.7		
YRJQQE	47.1	-0.4	0.2	9.7	-0.5	0.0	53.6	-0.2	0.3	35.1	-0.5	0.2		
Z6P4LK	35.4	-2.0	0.5	7.8	-1.4	0.1	44.4	-1.4	2.4	31.5	-1.2	0.5		
ZAH9C4	61.4	1.5	1.4	14.1	1.6	0.8	66.4	1.5	0.2	42.1	0.8	0.9		

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1709	SRB1710	SRB1711	SRB1712		
Grand Median	50.2	10.8	55.1	37.8		
Median Abs Dev	3.1	1.1	2.8	2.4		
Avg Within Lab SD	2.0	1.2	3.1	1.6		
Labs Included	39	39	39	39		
Labs Reporting	39	39	39	39		



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GRCDM	141.5	-0.6	0.7	83.9	-1.1	0.9	25.4	0.0	1.2	65.1	-0.4	1.3
3UZ3DA	160.3	0.4	0.8	104.3	0.4	0.6	25.5	0.0	0.2	68.4	0.0	0.4
632WAQ	163.9	0.6	0.2	112.0	0.9	0.2	27.2	0.5	0.2	72.6	0.5	0.1
667R8V	147.7	-0.3	0.2	97.2	-0.2	0.4	24.7	-0.2	0.2	67.1	-0.2	0.3
67433X	145.1	-0.4	0.0	93.3	-0.4	0.1	25.8	0.1	0.1	73.3	0.6	0.0
7VEVHY	125.8	-1.4	1.9	84.4	-1.1	0.2	22.7	-0.7	1.2	68.0	0.0	1.0
AV7VBU	152.7	0.0	0.7	95.3	-0.3	0.2	18.9	-1.7	1.0	59.7	-1.0	0.1
AW39XM	152.7	0.0	0.1	98.8	0.0	0.2	25.9	0.1	0.1	69.2	0.1	0.2
BWWDRL	140.3	-0.7	0.4	92.6	-0.5	0.2	21.6	-1.0	0.3	57.9	-1.2	0.2
BZXGJ9	117.7	-1.8	2.0	96.9	-0.2	2.5	19.2	-1.6	0.7	50.8	-2.1	1.1
C94NU3	139.9	-0.7	0.4	89.1	-0.8	0.2	23.0	-0.6	0.3	64.2	-0.5	0.6
DNU9NV	204.5	2.7	1.5	132.4	2.4	0.5	29.4	1.1	1.1	79.6	1.3	1.0
EDR62D	173.6	1.1	1.6	115.6	1.2	1.2	27.6	0.6	1.5	74.1	0.7	1.2
EL427J	159.7	0.4	0.1	107.7	0.6	0.3	25.3	0.0	1.8	69.3	0.1	0.7
FJX2KD	149.8	-0.2	3.5	87.9	-0.8	0.7	16.7	-2.3	4.1	60.5	-0.9	3.9
GLXQ3C	155.7	0.2	0.7	100.8	0.1	0.8	25.4	0.0	0.5	70.3	0.2	0.3
HAKLTV	151.8	0.0	0.6	98.8	0.0	1.5	27.4	0.5	0.8	69.5	0.1	0.6
HLQYM2	164.6	0.6	0.1	111.1	0.9	0.8	28.1	0.7	0.4	79.6	1.3	0.7
J4NJZF	175.3	1.2	1.7	108.3	0.7	1.5	26.7	0.4	1.2	75.7	0.9	1.1
JBLB7N	147.5	-0.3	0.5	93.7	-0.4	0.5	24.6	-0.2	0.1	63.6	-0.6	0.7
JC43HT	131.3	-1.1	0.4	85.3	-1.0	0.1	21.0	-1.1		58.0	-1.2	0.3
JYX9QG	151.8	0.0	0.5	97.5	-0.1	0.2	24.4	-0.2	0.3	65.6	-0.3	0.5
JZRX9C	187.1	1.8	0.1	123.3	1.8	0.3	22.4	-0.8	0.4	63.8	-0.5	0.2
KFYB4F	150.0	-0.1	0.7	95.6	-0.3	0.9	16.9	-2.2	1.7	61.4	-0.8	0.2
KMYV7B	162.9	0.5	0.3	92.8	-0.5	0.1	23.3	-0.5	0.7	64.5	-0.5	0.3
L78EEJ	151.7	0.0	0.1	103.5	0.3	0.9	24.3	-0.3	0.5	68.3	0.0	0.6



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LCWXX2	189.7	2.0	0.1	128.0	2.1	0.1	32.7	1.9	0.3	82.9	1.7	0.4	
LRA7X6	143.8	-0.5	0.7	96.5	-0.2	0.6	21.1	-1.1	0.3	71.6	0.4	0.7	
PKWW77	154.8	0.1	1.2	104.0	0.3	0.3	26.5	0.3	0.5	72.6	0.5	0.1	
R2TT88	170.0	0.9	0.1	111.1	0.9	0.1	27.3	0.5	0.3	74.1	0.7	0.1	
R6R7VW	156.7	0.2	0.7	99.3	0.0	0.6	25.3	0.0	0.4	73.7	0.6	0.2	
TEVJP7	147.3	-0.3	1.1	99.4	0.0	1.0	24.8	-0.1	0.7	65.8	-0.3	0.7	
U8A62Q	153.7	0.1	0.4	103.7	0.3	0.4	24.8	-0.1	0.4	74.9	0.8	2.7	
UR2WJB	144.0	-0.5	0.6	106.0	0.5	3.6	26.0	0.2	0.8	64.3	-0.5	0.4	
WGDABY	179.0	1.4	0.2	124.3	1.8	0.1	30.0	1.2	0.2	85.0	1.9	0.2	
XFC7BF	142.0	-0.6	0.9	94.6	-0.3	2.0	20.2	-1.4	0.2	59.7	-1.0	1.5	
YRJQQE	165.7	0.7	0.2	101.2	0.1	0.3	25.6	0.1	0.2	71.9	0.4	0.3	
Z6P4LK	129.0	-1.2	0.7	77.3	-1.6	0.4	21.8	-0.9	1.2	62.1	-0.7	1.1	
ZAH9C4	168.4	0.8	1.6	113.6	1.0	1.4	27.9	0.7	0.3	75.2	0.8	0.7	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1709		SRB1710		SRB1711	SRB1712
Grand Median	152.7		99.3		25.3	68.4
Median Abs Dev	10.2		6.5		2.0	4.8
Avg Within Lab SD	6.2		4.8		1.3	3.1
Labs Included	39		39		39	39
Labs Reporting	39		39		39	39



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GRCDM	239.2	-0.6	0.6	369.2	-1.5	0.7	94.7	0.0	1.2	152.4	0.2	1.8
3UZ3DA	284.0	0.5	0.5	527.0	0.4	0.7	97.2	0.2	0.5	154.7	0.3	0.6
632WAQ	265.9	0.0	0.2	525.2	0.4	0.1	92.9	-0.1	0.1	133.7	-0.5	0.3
667R8V	269.3	0.1	0.4	510.7	0.2	0.2	93.3	-0.1	0.5	159.3	0.5	0.3
67433X	259.0	-0.1	0.1	490.3	0.0	0.1	100.2	0.4	0.1	181.2	1.4	0.2
7VEVHY	214.6	-1.2	0.5	392.8	-1.2	0.8	85.4	-0.7	0.8	144.8	-0.1	0.9
AV7VBU	265.7	0.0	1.6	532.5	0.5	1.1	90.4	-0.3	0.3	139.4	-0.3	0.3
AW39XM	273.5	0.2	0.1	523.8	0.4	0.1	95.6	0.1	0.1	152.8	0.2	0.1
BWWDRL	259.2	-0.1	0.8	481.1	-0.1	0.5	94.7	0.0	0.8	141.9	-0.2	1.1
BZXGJ9	188.5	-1.8	1.4	429.4	-0.8	2.2	66.3	-2.3	0.6	95.8	-2.0	0.9
C94NU3	263.8	0.0	0.4	443.7	-0.6	0.1	100.4	0.5	0.3	153.7	0.3	0.8
DNU9NV	401.5	3.3	2.9	741.3	3.0	1.8	145.2	4.0X	2.6	233.6	3.4X	1.1
EDR62D	289.0	0.6	0.7	507.6	0.2	1.2	101.4	0.5	2.4	147.2	0.0	1.1
EL427J	242.7	-0.5	0.6	355.0	-1.7	1.2	79.0	-1.2	0.8	95.3	-2.1	1.0
FJX2KD	246.5	-0.4	1.6	411.6	-1.0	3.0	74.9	-1.6	2.2	115.3	-1.3	1.1
GLXQ3C	264.3	0.0	0.8	503.0	0.1	1.0	98.1	0.3	0.6	154.3	0.3	0.6
HAKLTV	289.1	0.6	1.5	472.6	-0.2	0.9	115.5	1.7	2.3	163.4	0.6	0.5
HLQYM2	288.7	0.6	0.4	551.0	0.7	0.8	101.4	0.5	0.4	169.9	0.9	0.4
J4NJZF	308.0	1.0	2.1	427.0	-0.8	0.8	101.7	0.6	1.6	160.0	0.5	1.1
JBLB7N	264.5	0.0	0.6	437.3	-0.7	0.5	105.6	0.9	0.9	143.3	-0.2	0.9
JC43HT	246.0	-0.5	0.2	475.3	-0.2	0.1	82.3	-1.0	0.3	142.0	-0.2	0.5
JYX9QG	267.7	0.1	0.5	512.0	0.2	0.4	91.7	-0.2	0.3	146.9	0.0	0.5
JZRX9C	210.6	-1.3	0.4	490.1	0.0	0.3	83.6	-0.9	0.7	144.4	-0.1	0.3
KFYB4F	270.3	0.1	0.8	506.7	0.2	1.1	98.4	0.3	2.0	132.7	-0.6	1.6
KMYV7B	318.0	1.3	1.0	538.7	0.6	0.6	106.1	0.9	0.7	164.9	0.7	0.2
L78EEJ	211.7	-1.3	0.2	480.7	-0.1	1.2	48.2	-3.7X	2.7	120.4	-1.1	1.0



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Fe (SubTestCode 222) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LCWXX2	374.7	2.6	1.6	660.8	2.0	2.0	141.8	3.7X	3.8	216.6	2.8	2.6	
LRA7X6	247.5	-0.4	0.2	510.1	0.2	0.7	87.3	-0.6	0.4	138.5	-0.3	0.3	
PKWW77	266.0	0.0	1.2	474.4	-0.2	0.3	97.2	0.2	0.3	147.0	0.0	0.1	
R2TT88	294.9	0.7	1.8	494.3	0.0	0.2	91.0	-0.3	0.4	149.4	0.1	0.9	
R6R7VW	245.7	-0.5	0.3	470.3	-0.3	0.8	85.7	-0.7	0.5	146.3	0.0	0.2	
TEVJP7	286.5	0.5	0.6	552.6	0.7	1.3	108.1	1.1	0.4	167.5	0.8	1.0	
U8A62Q	263.5	0.0	0.1	503.3	0.1	0.2	89.8	-0.4	0.1	148.0	0.0	2.6	
UR2WJB	225.7	-0.9	0.9	345.3	-1.8	0.4	97.7	0.2	0.7	105.0	-1.7	0.1	
WGDABY	331.0	1.6	0.1	650.0	1.9	0.3	116.3	1.7	0.9	203.7	2.2	0.3	
XFC7BF	258.7	-0.2	0.6	473.7	-0.2	0.8	82.9	-0.9	1.7	129.0	-0.7	0.9	
YRJQQE	268.3	0.1	0.4	513.0	0.3	0.3	94.3	0.0	0.3	149.3	0.1	0.5	
Z6P4LK	187.0	-1.9	0.7	322.7	-2.0	0.6	77.3	-1.4	1.0	120.0	-1.1	1.2	
ZAH9C4	419.7	3.7X	8.3	765.2	3.3X	11.2	112.9	1.5	0.6	179.6	1.3	1.6	

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1709	SRB1710	SRB1711	SRB1712	
Grand Median	265.1	492.3	94.7	147.1	
Median Abs Dev	19.3	32.2	6.7	10.4	
Avg Within Lab SD	15.1	25.6	4.4	6.8	
Labs Included	38	38	36	38	
Labs Reporting	39	39	39	39	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GRCDM	12.52	-0.89	0.50	2.61	-0.16	0.09	22.68	-1.02	1.04	8.42	-0.25	0.10
3UZ3DA	24.50	4.09X	1.51	6.32	3.53X	0.40	27.53	0.55	0.10	16.70	4.95X	0.26
632WAQ	17.84	1.32	0.53	3.75	0.97	0.07	26.95	0.36	0.34	8.98	0.10	0.29
667R8V	13.83	-0.35	0.70	2.50	-0.28		24.17	-0.54	0.25	8.67	-0.10	0.25
67433X	18.55	1.61	0.31	3.65	0.87	0.08	36.03	3.31X	0.06	13.61	3.01	0.01
7VEVHY	14.67	0.00	2.08	2.70	-0.08	0.55	26.17	0.11	0.62	11.73	1.83	0.96
AV7VBU	15.07	0.17	0.19	2.37	-0.41	0.24	26.10	0.09	0.84	8.43	-0.25	0.72
AW39XM	15.48	0.34	0.19	2.31	-0.46	0.31	27.63	0.58	0.07	8.66	-0.10	0.05
BWWDRL	14.35	-0.13	0.15	3.46	0.68	0.25	23.58	-0.73	0.36	8.63	-0.12	0.21
BZXGJ9	13.58	-0.45	2.02	2.54	-0.24	1.22	25.02	-0.26	1.34	7.98	-0.53	0.91
C94NU3	11.17	-1.45	0.18	1.93	-0.84	0.32	21.83	-1.30	0.20	6.80	-1.27	0.00
DNU9NV	17.52	1.19	0.46	3.61	0.84	0.48	29.04	1.04	0.73	9.51	0.43	0.36
EDR62D	17.15	1.03	1.17	3.51	0.74	0.50	28.15	0.75	1.62	9.28	0.29	0.45
EL427J	15.00	0.14	1.21	3.00	0.22	2.09	27.33	0.49	0.50	9.00	0.11	0.87
FJX2KD	8.46	-2.58	1.56	4.79	2.00	0.38	22.13	-1.20	2.47	2.73	-3.82X	0.67
GLXQ3C	15.30	0.26	0.73	3.92	1.14	0.92	25.90	0.02	0.76	10.03	0.76	0.65
HAKLTV	13.38	-0.53	0.65	2.37	-0.41	0.59	22.93	-0.94	0.15	7.86	-0.60	0.38
HLQYM2	14.60	-0.03	0.28	2.84	0.07	0.21	25.68	-0.05	0.24	9.70	0.55	1.56
J4NJZF	16.67	0.83	0.70	3.67	0.89	1.21	26.33	0.16	0.50	10.33	0.95	1.33
JBLB7N	15.54	0.36	0.20	3.79	1.01	0.51	26.62	0.26	0.88	9.40	0.36	0.46
JC43HT	13.33	-0.55	0.70	2.33	-0.44	1.21	23.00	-0.92		8.00	-0.51	
JYX9QG	18.05	1.40	0.79	1.76	-1.01	0.16	33.71	2.56	0.47	11.04	1.40	0.44
JZRX9C	14.27	-0.16	0.07	2.68	-0.10	0.06	25.31	-0.17	0.02	7.87	-0.60	0.22
KFYB4F	15.50	0.35	0.64	2.82	0.04	0.72	26.67	0.27	1.26	8.80	-0.01	0.85
KMYV7B	11.37	-1.37	0.47	4.44	1.66	0.05	19.36	-2.10	0.94	6.92	-1.19	0.22
LCWXX2	14.87	0.09	1.05	4.64	1.86	0.14	25.33	-0.17	0.36	9.29	0.29	0.34



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Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LRA7X6	12.92	-0.73	0.27	2.54	-0.24	0.40	29.08	1.06	1.07	9.92	0.69	0.23	
PKWW77	13.71	-0.40	1.22	2.44	-0.34	0.16	24.77	-0.34	0.53	8.36	-0.29	0.23	
R2TT88	15.76	0.46	0.31	3.06	0.29	0.48	27.83	0.65	0.37	11.75	1.84	4.55	
R6R7VW	14.67	0.00	2.76	2.57	-0.21	0.12	24.33	-0.49	0.88	8.37	-0.28	0.27	
TEVJP7	14.16	-0.21	0.92	3.32	0.54	0.57	25.83	0.00	1.93	8.84	0.01	0.91	
U8A62Q	14.43	-0.10	0.18	2.78	0.00	0.16	24.77	-0.35	0.22	8.75	-0.04	0.74	
UR2WJB	19.33	1.94	0.70	5.00	2.22		26.67	0.27	0.50	10.00	0.74		
WGDABY	15.77	0.46	0.07	2.27	-0.51	0.43	29.00	1.03	0.96	11.20	1.49	0.74	
XFC7BF	12.43	-0.93	1.67	1.74	-1.04	0.81	24.37	-0.48	0.48	7.61	-0.76	0.83	
YRJQQE	15.00	0.14	1.47	2.60	-0.17	0.07	24.47	-0.44	0.28	8.15	-0.42	0.21	
Z6P4LK	12.53	-0.89	0.37	2.07	-0.70	0.09	21.10	-1.54	3.06	7.13	-1.06	0.27	
ZAH9C4	17.34	1.11	1.31	4.09	1.31	4.61	30.89	1.65	0.81	10.47	1.03	0.85	

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1709		SRB1710		SRB1711	
Grand Median	14.7		2.78		25.8	
Median Abs Dev	1.1		0.51		1.5	
Avg Within Lab SD	0.8		0.48		1.1	
Labs Included	37		37		37	
Labs Reporting	38		38		38	



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Mo (SubTestCode 224) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AW39XM	2.19	0.06	0.93										
BWWDRL	2.01	-0.42	0.22	0.22	1.02	0.11	0.24	-0.44	0.47	0.48	0.88	0.18	
BZXGJ9	1.73	-1.19	1.90				0.12	-1.43		0.42	0.36	2.37	
DNU9NV	3.26	2.94	2.76	0.34	2.04	0.30	0.57	2.37	1.04	0.59	2.00	0.83	
EDR62D	2.07	-0.26	0.15	0.00	-0.90	2.96	0.14	-1.29	0.80	0.10	-2.83	0.21	
HLQYM2	2.57	1.08	0.20	0.10	0.01	0.10	0.33	0.34	0.14	0.45	0.59	0.06	
JBLB7N	2.19	0.05	0.17	0.18	0.72	0.91	0.34	0.45	0.65	0.34	-0.41	1.32	
JC43HT	2.10	-0.18	0.00	0.10	-0.01	0.00	0.30	0.08	1.44	0.43	0.46	0.61	
JYX9QG	2.17	0.01	0.52										
JZRX9C	2.16	-0.01	0.11	0.05	-0.42	0.04	0.24	-0.41	0.02	0.34	-0.46	0.05	
R2TT88	3.15	2.65	1.39										
TEVJP7	1.96	-0.55	0.10	0.17	0.57	1.14	0.17	-1.01	0.41	0.35	-0.40	0.22	
U8A62Q	2.05	-0.31	0.04	0.08	-0.23	0.06	0.26	-0.22	0.06	0.39	0.00	0.45	
UR2WJB	2.50	0.90	1.11	0.23	1.15	0.99	0.30	0.08	0.00	0.40	0.13	0.00	
WGDABY	1.91	-0.68	0.52	0.01	-0.80	0.00	0.45	1.37	1.44	0.39	0.00	0.16	
YRJQQE	2.20	0.10	0.13				0.29	0.00	0.14	0.36	-0.22	0.06	
Z6P4LK	2.09	-0.21	0.77	0.08	-0.23	0.04	0.27	-0.19	0.18	0.35	-0.35	0.18	
ZAH9C4	2.37	0.55	1.20	1.10	8.71X	6.29	0.34	0.44	2.69	0.28	-1.01	2.49	

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1709	SRB1710	SRB1711	SRB1712	
Grand Median	2.17	0.10	0.29	0.39	
Median Abs Dev	0.13	0.07	0.05	0.04	
Avg Within Lab SD	0.16	0.06	0.07	0.10	
Labs Included	18	12	15	15	
Labs Reporting	18	13	15	15	



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P (SubTestCode 225) in the Dry Ash Property Groups **Data units: Percent**

WebCode	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	0.407	-0.252	1.290	0.070	0.000	0.000	0.147	-0.441	1.782	0.393	-0.681	1.787
JZR9C	0.465	1.971	0.476	0.070	-0.001	0.306	0.158	0.995	0.176	0.421	0.462	1.174
QN8YGM	0.442	1.096	0.485	0.072	0.057	1.262	0.156	0.847	1.324	0.445	1.432	0.606
RR42LF	0.412	-0.054	1.100	0.161	2.988	1.820	0.142	-1.090	0.198	0.390	-0.797	0.245
XEYU96	0.413	0.000	1.290	0.060	-0.327	0.000	0.150	0.000	0.000	0.410	0.000	0.000

P (SubTestCode 225) in the Dry Ash Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.41	0.070	0.15	0.41
Median Abs Dev	0.01	0.002	0.01	0.02
Avg Within Lab SD	0.00	0.001	0.00	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	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	0.74	0.00	0.25	1.05	0.08	0.26	1.33	0.00	1.22	9.52	-0.23	0.15
JZR9C	0.68	-0.80	0.24	1.04	0.00	0.07	1.40	0.53	0.42	9.11	-0.85	2.12
QN8YGM	0.82	1.14	2.10	1.14	2.35	0.26	1.48	1.06	0.55	10.50	1.26	0.67
RR42LF	0.64	-1.35	0.20	1.01	-0.71	2.19	1.08	-1.74	1.67	10.36	1.04	0.06
XEYU96	0.74	0.09	0.67	1.03	-0.23	0.26	1.32	-0.05	0.49	9.67	0.00	0.20

K (SubTestCode 226) in the Dry Ash Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.74	1.04	1.33	9.67
Median Abs Dev	0.06	0.01	0.08	0.56
Avg Within Lab SD	0.02	0.06	0.02	0.17
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5



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Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	1.61	1.13	0.98	2.18	0.00	0.20	3.83	0.19	0.95	1.60	0.45	0.94	
JZR9C	1.50	0.00	0.46	2.21	0.23	2.18	3.65	-0.69	0.45	1.41	-0.79	1.06	
QN8YGM	1.47	-0.23	0.56	2.15	-0.33	0.02	3.79	0.00	1.48	1.78	1.59	1.62	
RR42LF	1.63	1.40	1.60	2.32	1.36	0.22	4.06	1.28	0.14	1.53	0.00	0.26	
XEYU96	1.44	-0.61	0.98	2.03	-1.45	0.41	3.54	-1.21	1.30	1.45	-0.54	0.54	

Ca (SubTestCode 227) in the Dry Ash Property Groups					Data units: Percent	
	SRB1709		SRB1710		SRB1711	SRB1712
Grand Median	1.50		2.18		3.79	1.53
Median Abs Dev	0.06		0.03		0.14	0.08
Avg Within Lab SD	0.02		0.03		0.03	0.03
Labs Included	5		5		5	5
Labs Reporting	5		5		5	5



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Mg (SubTestCode 228) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	0.87	-0.09	1.30	0.26	-0.96	1.27	0.34	-0.39	2.03	0.70	-0.65	1.51	
JZR9C	0.88	0.00	1.34	0.27	0.00	0.33	0.38	0.79	0.25	0.70	-0.66	0.95	
QN8YGM	0.91	0.83	0.13	0.30	1.16	0.30	0.41	1.70	0.66	0.81	1.88	1.19	
RR42LF	0.95	2.08	0.86	0.28	0.12	1.25	0.33	-0.50	0.62	0.73	0.00	0.45	
XEYU96	0.86	-0.36	0.86	0.25	-1.14	1.27	0.35	0.00	0.00	0.74	0.18	0.44	

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent			
	SRB1709		SRB1710		SRB1711		SRB1712	
Grand Median	0.88		0.27		0.35		0.73	
Median Abs Dev	0.01		0.02		0.02		0.03	
Avg Within Lab SD	0.02		0.00		0.00		0.01	
Labs Included	5		5		5		5	
Labs Reporting	5		5		5		5	



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Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	0.005	0.000	0.485	0.019	-0.606	1.394	0.015	-0.416	1.361	0.080	-0.473	0.000	
JZRX9C	0.002	-0.805	0.023	0.023	0.000	0.220	0.019	0.304	0.124	0.108	0.636	0.632	
QN8YGM	0.012	1.608	2.183	0.035	2.182	0.668	0.028	2.243	1.636	0.148	2.197	1.886	
RR42LF	0.009	0.884	0.007	0.021	-0.333	0.254	0.015	-0.409	0.440	0.090	-0.066	0.973	
XEYU96	0.005	-0.075	0.000	0.024	0.252	1.581	0.017	0.000	0.514	0.092	0.000	0.310	

Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent
	SRB1709			SRB1710			SRB1711			SRB1712			
Grand Median	0.005			0.023			0.017			0.09			
Median Abs Dev	0.004			0.002			0.002			0.01			
Avg Within Lab SD	0.002			0.001			0.001			0.00			
Labs Included	5			5			5			5			
Labs Reporting	5			5			5			5			



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AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
BWY4VJ	188.7		1.4	615.6		1.2	99.8		1.1	117.8	1.1
JZRXC	150.7		0.3	402.9		0.8	70.9		0.9	112.9	0.9
AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg	
	SRB1709			SRB1710			SRB1711			SRB1712	
Grand Median	169.7			509.2			85.4			115.3	
Median Abs Dev											
Avg Within Lab SD	7.1			42.6			3.5			6.7	
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	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	48.0	-0.2	1.7	136.3	-1.7	1.0	62.7	-0.4	1.3	32.0	0.6	1.8
BWY4VJ	51.3	1.1	1.3	158.0	0.0	1.8	67.1	0.8	2.1	30.1	0.0	1.3
HAKLTV	52.0	1.3	0.2	158.3	0.0	0.6	64.3	0.0	0.6	31.5	0.4	0.6
JZR9C	43.7	-1.8	0.3	172.3	1.1	1.2	70.5	1.7	0.5	28.3	-0.5	0.8
LCWXX2	21.9	-10.0X	0.7	123.5	-2.8X	0.7	49.9	-3.9X	0.8	22.7	-2.1X	1.3
QN8YGM	49.2	0.3	1.2	150.2	-0.6	0.4	65.7	0.4	0.2	36.4	1.8	0.4
RR42LF	48.2	-0.1	0.6	168.0	0.8	0.1	61.0	-0.9	0.5	26.3	-1.1	0.5
XEYU96	48.4	0.0	0.7	153.0	-0.4		62.2	-0.6	0.2	29.1	-0.3	0.7

B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	48.4	158.0	64.3	30.1
Median Abs Dev	0.7	7.8	2.1	1.8
Avg Within Lab SD	1.0	4.6	1.9	0.9
Labs Included	7	7	7	7
Labs Reporting	8	8	8	8



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	48.7	-0.2	1.0	11.0	0.0		55.3	-0.3	0.5	35.7	-0.6	0.9	
JZR9C	49.9	0.0	0.1	9.6	-0.2	0.3	52.4	-1.3	0.9	30.1	-1.7	0.9	
QN8YGM	42.1	-1.3	0.8	29.1	3.1	1.1	56.2	0.0	0.6	42.2	0.6	0.2	
RR42LF	60.1	1.6	1.3	11.2	0.0	1.4	61.0	1.7	1.9	38.9	0.0	1.6	
XEYU96	51.5	0.3	1.4	11.0	0.0	0.9	56.2	0.0	0.1	40.7	0.4	0.9	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1709		SRB1710		SRB1711	
Grand Median	49.9		11.0		56.2	
Median Abs Dev	1.6		0.2		0.8	
Avg Within Lab SD	0.6		0.5		1.2	
Labs Included	5		5		5	
Labs Reporting	5		5		5	



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Mn (SubTestCode 233) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	139.7	-1.4	1.2	89.3	-0.9	1.6	23.7	-0.1	1.5	64.7	-0.7	0.5	
JZRX9C	146.8	-0.6	0.5	110.2	1.6	1.2	27.3	1.4	0.8	69.1	0.0	1.7	
QN8YGM	157.8	0.5	0.7	100.4	0.4	0.1	27.7	1.5	0.0	85.3	2.5	0.9	
RR42LF	161.0	0.8	1.4	92.6	-0.5	0.6	23.2	-0.3	1.1	68.0	-0.2	0.8	
XEYU96	153.0	0.0	1.0	96.7	0.0	0.8	24.0	0.0		69.3	0.0	0.5	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg
	SRB1709	SRB1710	SRB1711	SRB1712	
Grand Median	153.0	96.7	24.0	69.1	
Median Abs Dev	6.2	4.1	0.8	1.1	
Avg Within Lab SD	2.0	0.7	0.4	1.1	
Labs Included	5	5	5	5	
Labs Reporting	5	5	5	5	



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Fe (SubTestCode 234) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	199.0	-1.2	0.1	366.7	-0.4	0.2	68.0	0.0	0.5	96.3	-0.9	1.2	
JZR9C	214.0	-0.5	0.1	436.9	0.8	1.1	77.1	0.9	0.4	114.2	0.0	0.5	
QN8YGM	227.2	0.1	2.1	390.0	0.0	0.9	93.7	2.4	0.1	150.0	1.8	0.7	
RR42LF	224.2	0.0	0.5	332.4	-1.0	1.7	67.4	-0.1	2.1	127.3	0.6	1.7	
XEYU96	258.0	1.6	0.6	449.0	1.1	0.4	67.7	0.0	0.3	112.3	-0.1	0.2	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg
	SRB1709	SRB1710	SRB1711	SRB1712	
Grand Median	224.2	390.0	68.0	114.2	
Median Abs Dev	10.2	46.9	0.6	13.1	
Avg Within Lab SD	7.3	8.7	2.1	3.3	
Labs Included	5	5	5	5	
Labs Reporting	5	5	5	5	



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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4G8ZB8	13.60	0.00	0.55	3.53	0.16	0.13	24.27	-0.34	0.99	5.27	-1.32	0.63	
JZR9C	13.17	-0.18	0.18	2.77	-0.57	0.25	27.47	0.45	0.84	7.33	0.04	0.90	
QN8YGM	8.79	-1.99	1.44	4.96	1.54	2.20	15.73	-2.44	1.33	6.41	-0.56	0.54	
RR42LF	14.77	0.48	1.08	2.22	-1.10	0.11	25.64	0.00	0.39	7.26	0.00	1.57	
XEYU96	15.33	0.72	1.20	3.37	0.00	0.29	26.23	0.15	1.18	9.43	1.44	1.01	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1709		SRB1710		SRB1711	
Grand Median	13.6		3.37		25.6	
Median Abs Dev	1.2		0.59		1.4	
Avg Within Lab SD	0.5		0.88		0.5	
Labs Included	5		5		5	
Labs Reporting	5		5		5	



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
	SRB1709			SRB1710			SRB1711			SRB1712	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
HAKLTV	1.77		1.41	0.89		1.41	0.23		1.41	0.68	1.35
JZRXC9C	2.15		0.05	0.07		0.03	0.22		0.12	0.26	0.43

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1709		SRB1710		SRB1711	SRB1712
Grand Median	1.96		0.48		0.23	0.47
Median Abs Dev						
Avg Within Lab SD	0.15		0.03		0.04	0.01
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	SRB1709			SRB1710			SRB1711			SRB1712		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
AW39XM	0.51	1.40	0.56	0.99	1.26	0.25	0.38	1.86	0.91	0.67	2.21	0.79
BWWDRL	167.07	642.04X	50.02	0.35	0.01	0.03	0.11	0.07	0.05	0.15	0.05	0.02
HLQYM2	0.15	0.00	0.04	0.34	-0.01	0.03	0.09	-0.07	0.04	0.14	0.00	0.11
TEVJP7	56.09	215.16X		121.06	232.71X		53.82	351.86X		24.18	99.76X	
U8A62Q	0.14	-0.06	0.05	0.30	-0.09	0.01	0.08	-0.15	0.01	0.12	-0.07	0.20
WGDABY	0.70	2.11	2.37	0.60	0.50	0.41	0.30	1.30	1.24	0.10	-0.16	0.00
YRJQQE	0.13	-0.09	0.15	0.28	-0.12	0.01	0.09	-0.11	0.15	0.12	-0.08	0.09
Z6P4LK	0.12	-0.13	0.04	0.24	-0.21	0.03	0.07	-0.18	0.08			
ZAH9C4	0.39	0.93	1.02	2.01	3.21	2.79	0.36	1.66	2.37	0.66	2.15	2.51

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

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.15	0.34	0.10	0.14
Median Abs Dev	0.03	0.08	0.03	0.02
Avg Within Lab SD	0.08	0.48	0.08	0.07
Labs Included	7	8	8	7
Labs Reporting	9	9	9	8



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Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AW39XM	16.1	0.1	1.2	25.1	0.3	0.8	54.4	-0.4	0.3	54.5	-0.6	0.3	
HLQYM2	16.7	0.6	0.2	26.5	0.8	1.2	61.8	0.6	1.2	64.4	0.4	0.4	
R2TT88	17.1	0.8	0.4	26.8	0.9	0.3	61.9	0.6	0.3	62.8	0.2	0.2	
R6R7VW	15.2	-0.4	1.6	23.6	-0.2	0.5	62.9	0.8	2.1	68.1	0.7	0.7	
TEVJP7	0.0	-10.2X		0.0	-8.1X		0.0	-7.8X		0.0	-6.0X		
U8A62Q	16.0	0.1	0.5	25.4	0.4	0.5	57.2	0.0	0.4	63.7	0.3	2.5	
WGDABY	13.4	-1.6	1.1	20.3	-1.3	0.9	50.4	-0.9	0.9	48.2	-1.2	0.7	
YRJQQE	15.9	0.0	0.7	24.1	0.0	0.6	57.7	0.1	0.3	60.5	0.0	0.9	
Z6P4LK	13.7	-1.4	1.1	20.7	-1.2	1.4	49.3	-1.1	1.4	50.7	-1.0	0.7	
ZAH9C4	14.1	-1.1	1.3	21.1	-1.0	1.9	45.5	-1.6	0.0	44.0	-1.6	0.4	

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1709	SRB1710	SRB1711	SRB1712	
Grand Median	15.9	24.1	57.2	60.5	
Median Abs Dev	0.9	2.4	4.7	6.0	
Avg Within Lab SD	0.3	0.8	1.5	2.7	
Labs Included	9	9	9	9	
Labs Reporting	10	10	10	10	



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Cd (SubTestCode 239) in the Heavy Metals Property Groups											Data units: mg/kg		
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score				
AW39XM										1.149	-1.032	0.622	
BWWDRL	0.043	-0.005	0.105	0.037	-0.016	0.849	0.007	-0.084	0.213	1.229	-0.528	0.577	
DNU9NV	0.182	4.572	2.609	0.167	3.933	2.262	0.068	2.699	1.669	1.615	1.888	1.872	
HLQYM2	0.043	-0.006	0.041	0.038	0.016	0.329	0.004	-0.235	0.137	1.360	0.292	0.227	
R6R7VW										1.400	0.543	0.000	
TEVJP7	1.410	45.126X		1.200	35.311X		0.250	10.940X		0.800	-3.217X		
U8A62Q	0.047	0.117	0.199	0.038	0.030	0.342				1.430	0.731	1.928	
WGDABY	0.050	0.226	0.405	0.013	-0.723	1.243	0.017	0.355	1.372	1.220	-0.585	0.916	
YRJQQE	0.043	0.005	0.094	0.035	-0.055	0.124				1.267	-0.292	0.590	
Z6P4LK	0.030	-0.435	0.000	0.030	-0.217	0.000				1.260	-0.334	0.600	
ZAH9C4	0.042	-0.030	0.985	0.051	0.406	0.613	0.009	0.000	0.519	1.396	0.518	0.678	

Cd (SubTestCode 239) in the Heavy Metals Property Groups											Data units: mg/kg		
	SRB1709			SRB1710			SRB1711			SRB1712			
Grand Median	0.043			0.037			0.009			1.31			
Median Abs Dev	0.002			0.004			0.005			0.09			
Avg Within Lab SD	0.025			0.005			0.008			0.08			
Labs Included	8			8			5			10			
Labs Reporting	9			9			6			11			



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AW39XM	0.89	0.15	0.34	0.28	0.83	1.05	0.05	-0.58	0.94	0.50	-0.19	0.09	
BWWDRL	0.80	-0.30	0.14	0.22	-0.43	0.45	0.08	0.09	0.19	0.65	0.27	0.05	
HLQYM2	0.86	0.00	0.52	0.26	0.32	0.36	0.07	-0.09	0.07	1.93	4.16	2.98	
JC43HT	0.75	-0.56	0.09	0.29	1.11	0.49	0.16	1.98	1.99	0.62	0.18	0.21	
TEVJP7	7.16	33.37X		8.32	173.18X		7.30	168.49X		6.98	19.48X		
U8A62Q	0.79	-0.38	0.17	0.24	0.00	0.42	0.06	-0.28	0.04	0.56	0.00	0.01	
WGDABY	0.98	0.65	0.94	0.24	-0.03	2.57	0.12	1.13	1.64	0.50	-0.20	0.02	
YRJQQE	1.24	2.01	2.32	0.24	-0.10	0.24				0.68	0.36	0.20	
Z6P4LK	0.65	-1.11	0.25	0.18	-1.39	0.24	0.05	-0.50	0.00	0.45	-0.33	0.07	
ZAH9C4	1.03	0.90	1.50	0.33	1.86	0.66	0.10	0.74	0.64	0.44	-0.38	0.06	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1709		SRB1710		SRB1711	
Grand Median	0.86		0.24		0.072	
Median Abs Dev	0.11		0.02		0.023	
Avg Within Lab SD	0.17		0.02		0.016	
Labs Included	9		9		8	
Labs Reporting	10		10		9	



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AW39XM	1.04	-0.98	1.12	2.68	0.28	2.35	1.85	0.32	1.06	1.12	0.10	1.07	
BWWDRL	1.21	0.35	1.58	2.48	-0.54	0.80	1.95	1.02	1.06	1.26	0.85	0.31	
HLQYM2	1.15	-0.15	0.38	2.66	0.19	0.59	1.79	-0.09	0.32	1.08	-0.10	0.25	
R2TT88				2.80	0.76	1.41							
R6R7VW	1.20	0.25	0.00	2.57	-0.19	0.38	1.80	0.00	1.29	1.13	0.19	0.41	
TEVJP7	3,632.22	469.63X		559.54	293.93X		1,322.47	774.43X		3,520.00	139.21X		
U8A62Q	1.17	0.00	0.62	2.66	0.21	0.33	1.81	0.04	0.78	1.44	1.88	2.43	
WGDABY	0.92	-1.89	0.52	2.25	-1.49	0.49	1.54	-1.75	0.49	0.85	-1.35	0.61	
YRJQQE	1.18	0.10	1.31	2.56	-0.21	0.41	1.73	-0.44	0.41	1.04	-0.32	0.37	
Z6P4LK	0.97	-1.51	0.71	1.99	-2.55	0.42	1.49	-2.06	0.77				
ZAH9C4	1.28	0.83	1.49	2.69	0.33	0.82	1.85	0.35	1.84	0.99	-0.61	0.38	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1709	SRB1710	SRB1711	SRB1712		
Grand Median	1.17	2.61	1.80	1.10		
Median Abs Dev	0.05	0.07	0.05	0.09		
Avg Within Lab SD	0.04	0.15	0.08	0.14		
Labs Included	9	10	9	8		
Labs Reporting	10	11	10	9		



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Pb (SubTestCode 242) in the Heavy Metals Property Groups											Data units: mg/kg		
WebCode	SRB1709			SRB1710			SRB1711			SRB1712			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AW39XM										2.49	1.26	0.97	
BWWDRL	0.22	0.08	0.22	0.63	0.35	0.20	0.10	0.00	0.10	1.85	0.05	0.20	
HLQYM2	0.15	-0.25	0.02	0.54	-0.81	0.10	0.07	-0.19	0.01	1.46	-0.68	0.23	
R6R7VW										1.70	-0.24	0.67	
TEVJP7	0.45	1.24		0.66	0.67		0.44	1.87		1.16	-1.25		
U8A62Q	0.15	-0.23	0.01	0.58	-0.35	0.06	0.07	-0.19	0.01	2.09	0.50	0.54	
WGDABY	0.20	0.00	0.47	0.70	1.16	0.99	0.17	0.35	0.34	1.80	-0.05	0.91	
YRJQQE				0.55	-0.64	0.03				1.54	-0.53	0.29	
Z6P4LK	0.15	-0.27	0.03	0.57	-0.44	0.10	0.07	-0.19		2.10	0.52	0.25	
ZAH9C4	0.74	2.67	2.39	0.68	0.97	2.44	0.45	1.93	2.21	2.71	1.67	2.50	

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1709		SRB1710		SRB1712	
Grand Median	0.20		0.61		1.82	
Median Abs Dev	0.05		0.05		0.28	
Avg Within Lab SD	0.20		0.20		0.40	
Labs Included	7		8		10	
Labs Reporting	7		8		10	



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Sr (SubTestCode 243) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB1709			SRB1710			SRB1711			SRB1712				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
AW39XM	57.1	0.0	0.4	132.0	0.0	0.4	204.1	0.0	0.4	70.6	-0.6	0.2		
HLQYM2	66.1	1.4	0.0	154.8	1.3	1.3	239.2	1.5	1.1	92.7	1.6	0.9		
JC43HT	51.2	-1.0	0.7	116.6	-0.9	0.3	175.9	-1.1	0.4	64.5	-1.2	0.2		
R2TT88	64.2	1.1	0.2	147.7	0.9	0.2	225.3	0.9	0.2	81.4	0.5	0.1		
R6R7VW	55.7	-0.2	0.4	127.3	-0.3	0.6	204.0	0.0	0.6	76.7	0.0	0.2		
TEVJP7	2.3	-8.8X		3.1	-7.6X		3.6	-8.4X		2.8	-7.5X			
U8A62Q	57.3	0.0	0.5	133.3	0.0	1.0	199.0	-0.2	0.2	79.1	0.2	2.7		
WGDABY	58.3	0.2	1.0	139.0	0.4	0.3	201.7	-0.1	1.1	76.8	0.0	0.1		
YRJQQE	56.6	-0.1	0.9	128.0	-0.3	0.5	202.3	0.0	0.4	72.3	-0.5	0.4		
Z6P4LK	47.2	-1.6	0.4	105.0	-1.6	0.9	164.3	-1.6	1.8	61.1	-1.6	0.7		
ZAH9C4	64.0	1.1	2.6	149.2	1.0	2.4	230.6	1.2	1.8	81.1	0.4	1.1		

Sr (SubTestCode 243) in the Heavy Metals Property Groups													Data units: mg/kg	
	SRB1709			SRB1710			SRB1711			SRB1712				
Grand Median	57.2			132.7			203.2			76.8				
Median Abs Dev	3.8			10.7			13.1			4.6				
Avg Within Lab SD	1.5			3.7			4.4			3.1				
Labs Included	10			10			10			10				
Labs Reporting	11			11			11			11				



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PH (SubTestCode 301)											Data units:
WebCode	SRW1707			SRW1708			SRW1709				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3UZ3DA	8.22	-0.04	0.18	7.92	-0.05	0.43	7.86	0.00	0.16		
4G8ZB8	7.93	-1.68	0.61	7.81	-0.61	0.87	7.87	0.02	0.77		
7VEVHY	8.33	0.58	1.84	8.14	1.10	0.50	7.65	-0.77	3.04		
BWY4VJ	8.23	0.00	0.92	7.92	-0.03	0.29	8.00	0.51	0.52		
BZXGJ9	7.87	-2.03	1.76	7.70	-1.20	0.00	7.43	-1.58	0.80		
EDR62D	8.23	0.02	1.74	8.09	0.82	1.22	7.90	0.15	1.04		
EL427J	8.20	-0.17	0.00	8.00	0.37	2.48	7.40	-1.70	1.38		
FJX2KD	8.29	0.35	1.07	8.18	1.32	0.57	8.08	0.78	0.21		
J4NJZF	8.00	-1.29		7.83	-0.50	1.43	7.43	-1.58	0.80		
JBLB7N	8.26	0.19	0.47	8.13	1.06	0.14	8.03	0.62	0.08		
JYX9QG	8.33	0.58	0.18	8.19	1.34	1.69	7.88	0.05	0.16		
LCWXX2	8.31	0.46	0.87	8.06	0.68	0.80	7.93	0.25	0.71		
R2TT88	8.12	-0.62	0.31	7.89	-0.21	0.43	7.72	-0.54	0.16		
WGDABY	7.87	-2.01	0.00	7.77	-0.83	0.00	7.49	-1.37	0.00		
YPCE8R	8.25	0.11		7.93	0.00	0.00	7.81	-0.20	0.00		
PH (SubTestCode 301)											Data units:
	SRW1707			SRW1708			SRW1709				
Grand Median	8.23			7.93			7.86				
Median Abs Dev	0.08			0.13			0.15				
Avg Within Lab SD	0.03			0.04			0.07				
Labs Included	15			15			15				
Labs Reporting	15			15			15				



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	0.97	-0.03	0.11	0.66	-0.27	0.53	0.12	-0.09	0.00
4G8ZB8	1.00	0.68	1.93	0.69	0.51	1.06	0.15	2.65	1.81
7VEVHY	0.98	0.24	0.54	0.67	0.00	0.61	0.12	-0.09	0.00
BWY4VJ	0.95	-0.43	0.54	0.68	0.21	2.81	0.11	-0.78	1.81
BZXGJ9	0.94	-0.72	0.93	0.65	-0.72	1.06	0.12	-0.44	1.81
EDR62D	1.02	1.15	0.97	0.71	1.02	0.06	0.13	1.18	1.30
EL427J	0.86	-2.43	2.83	0.59	-2.57	1.84	0.12	0.25	1.81
FJX2KD	0.99	0.46	0.54	0.68	0.21	0.00	0.12	-0.09	0.00
J4NJZF	0.99	0.39	0.00	0.68	0.31	0.61	0.12	-0.09	0.00
JBLB7N	1.00	0.52	0.33	0.69	0.36	0.11	0.13	0.63	0.31
JYX9QG	0.87	-2.21	0.45	0.59	-2.44	0.49	0.14	1.53	0.21
LCWXX2	0.97	0.00	0.19	0.66	-0.28	0.07	0.12	0.10	0.20
R2TT88	0.99	0.33	0.47	0.67	-0.07	0.38	0.12	0.00	0.14
WGDABY	0.97	-0.06	0.00	0.69	0.51	0.00	0.14	1.97	0.00
YPCE8R	0.95	-0.48	0.00	0.65	-0.66	0.00	0.12	-0.23	0.18

EC (SubTestCode 302)

Data units: dS/m

	SRW1707	SRW1708	SRW1709
Grand Median	0.97	0.67	0.12
Median Abs Dev	0.02	0.01	0.00
Avg Within Lab SD	0.01	0.01	0.00
Labs Included	15	15	15
Labs Reporting	15	15	15



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

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	5.90	0.84	0.03	3.64	1.80	0.59	0.47	0.84	0.55
4G8ZB8	5.10	-1.27	1.49	3.20	-0.95	1.98	0.50	1.40	
7VEVHY	5.48	-0.25	2.56	3.33	-0.16	1.78	0.40	-0.56	2.35
BWY4VJ	5.82	0.64	0.56	3.46	0.66	0.20	0.43	0.00	1.08
BZXGJ9	6.30	1.90	1.07	3.47	0.73	0.71	0.30	-2.59	0.82
EDR62D	5.78	0.53	1.33	3.40	0.29	1.99	0.41	-0.30	1.33
EL427J	5.40	-0.48	0.32	3.20	-0.95	0.80	0.43	0.03	1.08
FJX2KD	5.44	-0.37	0.43	3.19	-1.02	0.26	0.41	-0.42	0.30
J4NJZF	5.30	-0.73	0.56	3.28	-0.47	0.07	0.46	0.67	1.00
JBLB7N	5.84	0.70	0.34	3.46	0.64	0.43	0.47	0.77	0.47
JYX9QG	5.80	0.59	0.21	3.49	0.82	0.22	0.44	0.14	0.28
LCWXX2	91.58	227.74X	5.27	54.06	314.34X	18.86	7.96	147.64X	4.36
R2TT88	5.58	0.00	0.10	3.31	-0.28	0.06	0.42	-0.10	0.02
WGDABY	5.40	-0.47	0.47	3.35	0.00	0.31	0.38	-0.95	0.17

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

	SRW1707	SRW1708	SRW1709
Grand Median	5.58	3.35	0.43
Median Abs Dev	0.22	0.11	0.03
Avg Within Lab SD	0.18	0.09	0.02
Labs Included	13	13	13
Labs Reporting	14	14	14



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

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	3.16	0.84	1.30	3.01	1.60	1.36	0.17	1.04	0.46
4G8ZB8	2.63	-1.30	1.08	2.60	-0.20	0.00	0.20	1.78	0.00
7VEVHY	2.62	-1.34	2.73	2.56	-0.37	2.25	0.13	0.00	2.18
BWY4VJ	2.96	0.03	0.79	2.78	0.60	0.55	0.12	-0.30	0.42
BZXGJ9	2.97	0.07	0.70	2.61	-0.17	0.71	0.05	-2.22	0.00
EDR62D	3.01	0.23	0.70	2.75	0.47	1.27	0.14	0.06	0.48
EL427J	2.95	0.00	0.28	2.92	1.21	1.58	0.15	0.44	0.00
FJX2KD	2.81	-0.59	0.50	2.54	-0.46	0.51	0.13	-0.15	0.16
J4NJZF	3.40	1.81	0.79	3.16	2.25	0.30	0.20	1.81	2.74
JBLB7N	2.96	0.03	0.18	2.74	0.39	0.76	0.15	0.51	0.13
JYX9QG	2.68	-1.10	0.20	2.52	-0.56	0.39	0.13	-0.01	0.25
LCWXX2	31.18	114.93X	6.62	29.57	117.03X	14.49	1.97	48.87X	2.75
R2TT88	2.83	-0.49	0.08	2.65	0.00	0.03	0.13	0.00	0.01
WGDABY	2.72	-0.94	0.19	2.53	-0.49	0.30	0.12	-0.46	0.00

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

	SRW1707	SRW1708	SRW1709
Grand Median	2.95	2.65	0.13
Median Abs Dev	0.15	0.11	0.02
Avg Within Lab SD	0.11	0.07	0.01
Labs Included	13	13	13
Labs Reporting	14	14	14



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Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1707			SRW1708			SRW1709			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3UZ3DA	2.69	1.53	3.30	1.62	1.69	2.88	0.75	1.19	1.08	
4G8ZB8	1.97	-1.77	0.46	1.23	-1.43	0.99	0.60	-1.06	0.00	
7VEVHY	2.21	-0.64	0.41	1.38	-0.27	1.47	0.65	-0.31	2.79	
BWY4VJ	2.44	0.38	0.57	1.47	0.52	0.41	0.69	0.33	0.86	
BZXGJ9	2.12	-1.09	1.10	1.21	-1.60	0.55	0.59	-1.16	0.22	
EDR62D	2.49	0.63	0.98	1.43	0.15	1.02	0.69	0.27	1.22	
EL427J	2.36	0.03	0.42	1.39	-0.16	0.17	0.07	-9.05X	0.04	
FJX2KD	2.28	-0.32	0.35	1.36	-0.42	0.27	0.63	-0.62	0.39	
J4NJZF	2.27	-0.39	0.29	1.37	-0.32	0.34	0.65	-0.27	0.12	
JBLB7N	2.40	0.21	0.14	1.42	0.12	0.18	0.71	0.61	0.36	
JYX9QG	2.89	2.46	0.23	1.64	1.88	0.11	0.69	0.36	0.28	
LCWXX2	2.30	-0.24	0.74	1.49	0.69	1.31	0.81	2.05	1.54	
R2TT88	2.35	0.00	0.06	1.38	-0.22	0.05	0.65	-0.28	0.04	
WGDABY	2.40	0.21	0.44	1.49	0.65	0.22	0.70	0.38	0.12	
YPCE8R	2.30	-0.23	0.02	1.41	0.00	0.23	0.64	-0.53	0.14	

Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
	SRW1707			SRW1708			SRW1709			
Grand Median	2.35			1.41			0.67			
Median Abs Dev	0.08			0.05			0.03			
Avg Within Lab SD	0.12			0.06			0.03			
Labs Included	15			15			14			
Labs Reporting	15			15			15			



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7VEVHY	0.270	-0.607	2.171	0.077	0.118	1.649	0.017	-0.167	1.331
BWY4VJ	0.262	-1.053	0.520	0.037	-2.322	0.983			
BZXGJ9	0.280	-0.047	0.821	0.067	-0.493	0.825	0.010	-0.559	0.000
EDR62D	0.296	0.849	1.056	0.079	0.262	0.475	0.020	0.051	0.705
FJX2KD	0.273	-0.457	0.379	0.072	-0.147	0.165	0.018	-0.070	0.133
J4NJZF	0.286	0.289	1.498	0.067	-0.473	1.030	0.006	-0.794	1.613
JBLB7N	0.298	0.987	0.484	0.085	0.652	0.595	0.024	0.280	0.767
JYX9QG	0.236	-2.532	1.021	0.052	-1.383	2.413	0.035	0.926	2.308
LCWXX2	0.290	0.494	1.150	0.100	1.535	0.328	0.097	4.530	0.441
R2TT88	0.273	-0.445	0.107	0.073	-0.118	0.060	0.020	0.000	0.037
WGDABY	0.286	0.287	0.475	0.080	0.310	0.150	0.020	0.012	0.000
YPCE8R	0.282	0.047	0.047	0.079	0.281	0.082	0.019	-0.030	0.000

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW1707	SRW1708	SRW1709
Grand Median	0.28	0.075	0.020
Median Abs Dev	0.01	0.006	0.003
Avg Within Lab SD	0.01	0.007	0.004
Labs Included	12	12	11
Labs Reporting	12	12	11



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NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1707			SRW1708			SRW1709			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
EDR62D	0.105		1.697	0.104		1.943	0.105	2.708	2.165	
EL427J	0.010		0.000	0.010		0.000	0.010	0.000	0.000	
J4NJZF	0.286		1.058	0.067		0.472	0.006	-0.114	0.525	
JBLB7N	0.001		0.041	0.001		0.049	0.001	-0.253	0.056	
WGDABY							0.020	0.297	0.180	

NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
	SRW1707			SRW1708			SRW1709			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median		0.057			0.039			0.010		
Median Abs Dev								0.009		
Avg Within Lab SD		0.017			0.015			0.013		
Labs Included		4			4			5		
Labs Reporting		4			4			5		



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Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1707			SRW1708			SRW1709			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
BWY4VJ	11.48	-0.06	1.12	7.75	0.21	0.49	1.24	0.00	1.41	
BZXGJ9	11.67	0.42	1.65	7.35	-1.47	0.92	0.95	-1.16	0.40	
EDR62D	11.68	0.45	1.20	7.77	0.26	2.09	1.36	0.47	1.34	
EL427J	10.72	-1.96	0.38	7.52	-0.75	1.17	0.66	-2.28	0.69	
J4NJZF	11.54	0.09	0.99	7.95	1.01	0.11	1.33	0.34	1.50	
JBLB7N	11.50	0.00	0.35	7.70	0.00	0.38	1.36	0.44	0.52	
WGDABY	10.81	-1.74	0.58	7.46	-1.03	0.13	1.23	-0.04	0.25	

Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
	SRW1707			SRW1708			SRW1709			
Grand Median	11.5			7.70			1.24			
Median Abs Dev	0.2			0.18			0.11			
Avg Within Lab SD	0.2			0.14			0.03			
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	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	1.00	-1.07		0.73	-0.86	2.31	1.00	-1.40	
BZXGJ9	0.98	-1.20	1.80	0.69	-1.36	0.61	1.44	1.25	1.29
EL427J	1.15	0.11	0.82	0.80	-0.01	0.40	1.24	0.08	1.80
FJX2KD	1.12	-0.11	0.42	0.80	0.01	0.23	1.22	-0.08	0.27
JYX9QG	1.29	1.16	0.40	0.88	0.97	0.03	1.19	-0.23	0.15
WGDABY	1.19	0.39	0.86	0.87	0.83	0.23	1.40	1.01	0.15

SAR (SubTestCode 309) in the Cations Property Groups Data units:

	SRW1707	SRW1708	SRW1709
Grand Median	1.14	0.80	1.23
Median Abs Dev	0.10	0.07	0.10
Avg Within Lab SD	0.03	0.02	0.04
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	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	1.33		1.07	0.80		0.00	0.63		1.41
BZXGJ9	0.85		0.93	0.51		1.41	0.36		0.14

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

	SRW1707	SRW1708	SRW1709
Grand Median	1.09	0.65	0.50
Median Abs Dev			
Avg Within Lab SD	0.05	0.01	0.04
Labs Included	2	2	2
Labs Reporting	2	2	2



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

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	7.73	-0.99	0.91	2.67	0.00	1.58	0.53	-2.49	1.90
7VEVHY	7.70	-1.10	1.41	2.59	-0.60	0.10	0.96	0.40	0.64
BWY4VJ	8.32	1.18	0.45	2.73	0.55	0.73	0.94	0.22	0.26
BZXGJ9	7.97	-0.11	0.28	2.71	0.36	1.30	0.90	0.00	1.93
EDR62D	7.93	-0.26	1.97	2.58	-0.68	1.31	1.11	1.41	0.76
EL427J	8.00	0.00		2.50	-1.37		0.90	-0.02	0.00
J4NJZF	8.45	1.67	0.07	2.80	1.07	0.69	1.01	0.69	0.76
JBLB7N	8.21	0.76	0.07	2.68	0.09	0.26	0.78	-0.82	0.16
WGDABY	8.00	0.00		2.50	-1.37		0.90	-0.02	0.00

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

	SRW1707	SRW1708	SRW1709
Grand Median	8.00	2.67	0.90
Median Abs Dev	0.21	0.07	0.06
Avg Within Lab SD	0.25	0.15	0.12
Labs Included	9	9	9
Labs Reporting	9	9	9



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CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

SRW1707				SRW1708				SRW1709			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JBLB7N	0.17		1.00								

CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

	SRW1707	SRW1708	SRW1709
Grand Median	0.17		
Median Abs Dev			
Avg Within Lab SD	0.01	0.00	0.00
Labs Included	1	0	0
Labs Reporting	1	0	0



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CI (SubTestCode 313) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW1707			SRW1708			SRW1709			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3UZ3DA	1.81	-0.35	0.81	0.30	0.18	1.60	0.22	1.15	2.08	
4G8ZB8	1.94	0.19	2.28	0.29	0.03	2.51	0.12	-0.46	2.04	
7VEVHY	1.85	-0.19	0.60	0.27	-0.47	0.60	0.15	0.00	1.39	
87U6LJ	1.84	-0.23	0.20	0.28	-0.25	0.60	0.12	-0.46	0.39	
BWY4VJ	2.99	4.66X	0.67	0.50	4.47X	0.93	0.25	1.53	0.92	
BZXGJ9	1.80	-0.40	0.20	0.31	0.39	0.00	0.11	-0.56	0.00	
EDR62D	0.94	-4.08	1.34	0.29	-0.03	1.66	0.27	1.91	0.97	
EL427J	1.75	-0.62	1.52	0.27	-0.47	0.60	0.10	-0.66	0.39	
FJX2KD	1.98	0.35	0.31	0.29	-0.10	0.77	0.11	-0.54	0.25	
J4NJZF	2.23	1.43	1.32	0.42	2.74	0.47	0.18	0.53	0.74	
JBLB7N	2.01	0.51	0.52	0.25	-0.95	0.31	0.10	-0.75	0.03	
JYX9QG	1.99	0.39	0.29	0.35	1.17	0.09	0.17	0.34	0.29	
LCWXX2	2.01	0.50	1.18	0.36	1.47	0.60	0.17	0.36	1.34	
R2TT88	1.87	-0.10	0.07	0.28	-0.16	0.16	0.11	-0.52	0.04	
WGDABY	1.92	0.10	0.00	0.34	1.02	0.00	0.17	0.34	0.00	

CI (SubTestCode 313) in the Anions Property Groups										Data units: mmolc/L
	SRW1707			SRW1708			SRW1709			
Grand Median	1.89			0.29			0.15			
Median Abs Dev	0.09			0.02			0.03			
Avg Within Lab SD	0.05			0.02			0.01			
Labs Included	14			14			15			
Labs Reporting	15			15			15			



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

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	0.073	-3.761X	0.098	0.004	-0.515	0.476	0.001	-0.418	0.000
4G8ZB8	0.183	-2.077	0.214						
87U6LJ	0.503	2.810	0.214						
BWY4VJ	0.379	0.913	3.003	0.011	-0.039	0.940	0.026	1.073	1.655
BZXGJ9	0.353	0.519	0.856	0.057	2.952	1.191	0.053	2.704	2.217
EDR62D	0.296	-0.353	1.896	0.041	1.941	2.819	0.047	2.347	1.921
EL427J	0.297	-0.346	0.428	0.013	0.117	1.191	0.010	0.119	0.000
FJX2KD	0.316	-0.056	0.093	0.012	0.030	0.000	0.008	0.000	0.000
J4NJZF	0.257	-0.952	0.000	0.001	-0.690	0.000	0.001	-0.418	0.000
JBLB7N	0.318	-0.015	0.435	0.012	0.055	0.225	0.005	-0.165	0.209
JYX9QG	0.320	0.015	0.301	0.033	1.425	0.833	0.022	0.815	0.776
LCWXX2	0.360	0.621	0.255	0.005	-0.454	0.582	0.001	-0.425	
R2TT88	0.304	-0.227	0.023	0.012	0.000	0.111	0.006	-0.145	0.000
WGDABY	0.336	0.255	0.000	0.007	-0.297	0.000	0.007	-0.060	0.000
YPCE8R	0.338	0.285	0.162	0.008	-0.254	0.119	0.009	0.080	0.111

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.32	0.012	0.008
Median Abs Dev	0.02	0.005	0.007
Avg Within Lab SD	0.03	0.005	0.005
Labs Included	14	13	13
Labs Reporting	15	13	13



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

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	0.56	0.56	0.83	4.41	-0.10	0.65	0.17	0.10	0.83
4G8ZB8	0.46	-0.21	0.58	4.10	-1.54	0.14	0.17	0.05	1.71
7VEVHY	0.78	2.15	3.08	4.17	-1.24	3.05	0.20	0.68	2.50
87U6LJ	0.61	0.92	0.46	4.42	-0.07	0.09	0.18	0.33	0.82
BWY4VJ	0.48	-0.02	0.09	4.39	-0.20	0.21	0.16	-0.09	0.04
BZXGJ9	0.41	-0.55	0.40	4.64	0.97	0.18	0.01	-3.17	0.47
EDR62D	0.48	0.00	0.07	4.45	0.07	0.15	0.15	-0.27	0.38
EL427J	0.15	-2.47	0.00	1.41	-13.98X	0.02	0.05	-2.40	0.00
J4NJZF	0.50	0.13	0.17	4.60	0.77	0.35	0.18	0.23	0.13
JBLB7N	0.52	0.28	0.21	4.60	0.77	0.03	0.16	0.00	0.25
WGDABY	0.47	-0.13	0.01	4.66	1.04	0.05	0.16	-0.11	0.09

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.48	4.43	0.16
Median Abs Dev	0.04	0.17	0.01
Avg Within Lab SD	0.04	0.30	0.01
Labs Included	11	10	11
Labs Reporting	11	11	11



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Sum Anions (SubTestCode 316) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	10.31	-0.35	1.38	7.06	-1.70	1.41	0.82	-1.23	1.85
BWY4VJ	12.17	1.71	0.42	7.63	0.34	0.74	1.37	0.81	0.35
BZXGJ9	10.53	-0.10	0.31	7.72	0.65	0.84	1.06	-0.32	1.87
EDR62D	9.65	-1.08	2.37	7.28	-0.92	1.49	1.49	1.25	0.73
EL427J	10.20	-0.48	0.34	4.19	-11.93X	0.07	1.06	-0.32	0.04
J4NJZF	11.44	0.90	0.22	7.82	0.99	1.20	1.36	0.79	0.63
JBLB7N	11.24	0.67	0.20	7.54	0.00	0.31	1.05	-0.37	0.14
WGDABY	10.72	0.10	0.00	7.51	-0.12	0.11	1.24	0.32	0.01

Sum Anions (SubTestCode 316) in the Anions Property Groups Data units: mmolc/L

	SRW1707	SRW1708	SRW1709
Grand Median	10.6	7.54	1.15
Median Abs Dev	0.5	0.18	0.16
Avg Within Lab SD	0.3	0.15	0.13
Labs Included	8	7	8
Labs Reporting	8	8	8



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

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BWY4VJ	-0.69	-0.90	0.72	0.12	-0.14	0.47	-0.13	-0.56	0.75
BZXGJ9	1.14	0.98	1.47	0.38	1.12	1.71	0.19	1.08	1.80
EDR62D	2.03	1.90	1.60	0.49	1.65	0.93	-0.12	-0.56	0.71
J4NJZF	0.10	-0.09	0.62	0.13	-0.09	1.22	-0.03	-0.08	1.28
JBLB7N	0.27	0.09	0.40	0.16	0.09	0.67	0.31	1.70	0.21
WGDABY	0.09	-0.10	0.47	-0.05	-0.96	0.24	0.00	0.08	0.10

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.18	0.15	-0.018
Median Abs Dev	0.48	0.11	0.107
Avg Within Lab SD	0.28	0.14	0.087
Labs Included	6	6	6
Labs Reporting	6	6	6



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Boron (SubTestCode 318) in the Other Property Groups Data units: mg/L

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	0.059	0.797	0.312	0.087	1.120	0.554	0.011	0.095	1.769
4G8ZB8	0.087	2.135	1.039	0.093	1.538	0.277	0.020	0.948	0.000
BWY4VJ	0.024	-0.894	0.360	0.053	-1.015	0.121			
BZXGJ9	0.040	-0.121	0.000	0.067	-0.136	0.277			
EDR62D	0.054	0.560	0.482	0.077	0.510	0.139	0.003	-0.670	0.659
J4NJZF	0.043	0.040	1.039	0.063	-0.345	0.277	0.010	0.000	0.000
JBLB7N	0.028	-0.696	0.343	0.051	-1.093	0.118	0.010	0.000	0.000
LCWXX2	0.020	-1.101	2.677	0.066	-0.193	3.067	0.040	2.883	
R2TT88	0.050	0.360	0.143	0.079	0.659	0.019			
WGDABY	0.042	-0.040	0.275	0.071	0.136	0.096	0.009	-0.126	1.560

Boron (SubTestCode 318) in the Other Property Groups Data units: mg/L

	SRW1707	SRW1708	SRW1709
Grand Median	0.043	0.069	0.010
Median Abs Dev	0.013	0.009	0.001
Avg Within Lab SD	0.006	0.021	0.001
Labs Included	10	10	7
Labs Reporting	10	10	7



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

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
JBLB7N	0.021		0.918	0.012		0.839	0.005		1.265
R2TT88	0.020		0.035	0.017		0.247			
YPCE8R	0.057		1.468	0.106		1.495	0.048		0.632

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.021	0.017	0.026
Median Abs Dev			
Avg Within Lab SD	0.001	0.002	0.001
Labs Included	3	3	2
Labs Reporting	3	3	2



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Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups Data units: mg/L

WebCode	SRW1707			SRW1708			SRW1709		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EDR62D	0.140		1.728	0.122		1.732	-0.008		1.730
J4NJZF	0.010		0.000	0.010		0.000	0.010		0.000
WGDABY	0.017		0.115	0.016		0.029	0.004		0.079

Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups Data units: mg/L

	SRW1707	SRW1708	SRW1709
Grand Median	0.017	0.016	0.004
Median Abs Dev			
Avg Within Lab SD	0.023	0.035	0.019
Labs Included	3	3	3
Labs Reporting	3	3	3



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Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups										Data units: mg/L
SRW1707			SRW1708			SRW1709				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
EDR62D	5.633		1.000	-33.533		1.000	28.300		1.000	

Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups										Data units: mg/L
SRW1707			SRW1708			SRW1709				
Grand Median	5.63		-33.533			28.3				
Median Abs Dev										
Avg Within Lab SD	35.77		2.055			60.1				
Labs Included	1		1			1				
Labs Reporting	1		1			1				