

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 2021 Round Overview



The Agriculture Laboratory Proficiency (ALP) Program Fall 2021 (Cycle 46) was completed in November 2021, with participation by 111 labs from the United States, Canada, Guatemala, Honduras, Colombia, South Africa, Italy, Ireland, Ukraine, Serbia, South Africa and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council

Standard Reference Soils (SRS), materials for the soils program were: SRS2111 a Norte gravelly sandy loam collected from Rio Grande Cty, CO; SRS2112 a Darfur fine sandy loam collected from Watonwan Cty, MN; SRS2113 a Page loamy fine sand collected from Garfield Cty, NE; SRS2114 a clay loam collected near Weyburn, SK CANADA; and SRS2115 a Norge loam collected from Payne Cty, OK. Standard Reference Botanical (SRB) materials were: SRB2109 olive leaf composite from CA; SRB2110 buckwheat leaf composite from CO; SRB2111 soybean leaf composite from AR; and SRB2112 canola leaf composite from IA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW2107 a river source in SD, SRW2108 a well source in IA, and SRW2109 a spiked (artificial) water sample.

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

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Discussion of Statistics in ALP Reports

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

Laboratory Statistics:

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

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

Consensus Statistics:

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

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

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

continued on the following page



Discussion of Statistics in ALP Reports

Performance Statistics:

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

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

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

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

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



Key to Data Tables

Laboratory Results

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

Consensus Results

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	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	42.0	0.97	0.92	52.7	1.56	0.52	42.4	4.65X	2.49	51.6	0.39	2.04	47.0	1.42	2.99	
43XF7D	32.9	-0.66		38.9	-1.24		28.2	-2.36		40.2	-1.59		38.6	-0.14		
4872UB	45.4	1.57	1.81	47.7	0.55	1.56	33.6	0.31	0.56	56.3	1.22	1.33	41.0	0.31	1.04	
7WKAPX	40.3	0.67	0.54	47.7	0.54	0.95	33.0	0.00		51.0	0.29		42.0	0.49	0.95	
8MM9GJ	29.0	-1.36	0.98	39.4	-1.14	0.46	21.7	-5.59X	0.77	37.0	-2.14	1.17	32.2	-1.31	1.13	
8WCWE7	44.9	1.49		48.9	0.79		34.1	0.54		54.1	0.83		44.5	0.95		
AP7294	38.3	0.31	0.54	45.0	0.00		33.3	0.16	0.40	49.7	0.06	0.43	39.3	0.00	0.32	
DN8LY4	35.7	-0.15	0.76	41.8	-0.65	0.25	31.5	-0.76	2.33	50.5	0.20	0.38	36.8	-0.47	1.30	
F88X73	36.5	-0.01		44.2	-0.16		33.3	0.15		46.5	-0.49		43.2	0.71		
KJKNYR	47.4	1.94	0.72	50.5	1.12	1.45	36.5	1.74	0.38	59.0	1.68	1.44	51.8	2.29	0.36	
KY397Z	33.7	-0.52	0.54	41.7	-0.68	0.36	32.0	-0.49		44.7	-0.81	0.43	35.7	-0.68	0.32	
LRW67T	36.3	-0.04	0.54	44.0	-0.20	1.65	33.0	0.00	0.70	49.3	0.00	0.43	42.3	0.55	0.32	
MH2JDY	40.5	0.70	0.20	52.7	1.56	0.77	35.5	1.22	0.17	59.2	1.72	0.98	45.5	1.14	0.09	
N9RCCP	42.0	0.98	0.20	45.4	0.09	0.34	32.3	-0.36	0.49	49.1	-0.05	0.31	37.8	-0.28	0.05	
R3H93T	40.4	0.69	1.60	48.0	0.61	1.46	35.5	1.25	1.25	51.6	0.40	1.62	41.1	0.33	0.79	
TNTQMV	34.7	-0.34	1.08	43.0	-0.41	1.08	31.0	-0.99		48.0	-0.23	0.75	35.3	-0.74	0.63	
W8VFTN	36.0	-0.10	0.25	42.1	-0.60	0.01	30.9	-1.02	0.46	48.1	-0.21	0.38	36.6	-0.50	0.14	
WP9BVU	35.0	-0.28	2.40	42.1	-0.58	1.85	32.6	-0.18	1.60	46.1	-0.56	1.30	35.2	-0.77	1.14	
YWQCGP	36.6	0.00	0.92	41.7	-0.68	0.18	30.9	-1.01	1.28	47.9	-0.26	0.90	36.1	-0.59	1.05	
ZWKGAN	43.5	1.24	0.26	49.6	0.94	0.57	33.4	0.21	0.27	53.5	0.72	0.18	41.9	0.48	0.31	
ZYP8EH	35.9	-0.12	0.32	45.3	0.07	0.63	32.9	-0.06	0.36	47.4	-0.33	0.14	39.3	-0.02	0.38	



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	36.6	45.0	33.0	49.3	39.3	
Median Abs Dev	3.7	3.0	1.0	2.3	3.0	
Avg Within Lab SD	1.1	1.6	1.4	1.3	1.8	
Labs Included	21	21	19	21	21	
Labs Reporting	21	21	21	21	21	



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pH - sp (SubTestCode 102) in the Salinity Property Groups															Data units: Unit		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3QUNDF	6.10	1.08	0.00	8.00	1.39	2.01	3.97	1.09	1.50	7.83	0.93	1.07	5.67	0.70	2.36		
43XF7D	5.10	-8.59X		7.30	-1.39		3.70	-1.13		7.30	-1.64		5.00	-3.00			
4872UB	6.04	0.53	0.38	7.64	-0.04	1.01	3.92	0.70	0.94	7.55	-0.43	1.03	5.64	0.54	1.12		
4KDMN2	6.77	7.51X	1.41	7.65	0.00	0.57	4.90	8.85X	4.77	7.51	-0.65	0.39	7.03	8.28X	4.33		
7WKAPX	6.00	0.08	1.17	7.80	0.58	1.11	3.69	-1.19	2.10	7.64	0.00	1.93	5.61	0.39	2.12		
8MM9GJ	5.92	-0.63	2.64	7.71	0.24	2.18	3.78	-0.44	1.33	7.46	-0.87	2.91	5.69	0.83	1.22		
8WCWE7	5.99	0.02		7.79	0.56		3.89	0.45		7.65	0.05		5.61	0.39			
AP7294	5.93	-0.56	0.65	7.85	0.81	0.31	3.77	-0.55	0.69	7.73	0.42	0.75	5.53	-0.06	0.20		
DN8LY4	6.07	0.82	0.58	7.87	0.86	0.42	3.89	0.42	1.08	7.63	-0.05	0.19	5.60	0.32	0.51		
EF3F87	5.99	0.05	2.19	7.37	-1.13	0.95	3.68	-1.30	0.94	7.26	-1.83	0.19	5.61	0.41	0.47		
F88X73	5.86	-1.24		7.25	-1.59		3.85	0.12		7.16	-2.31		5.71	0.95			
KJKNYR	5.99	-0.02	0.10	7.74	0.36	0.92	3.84	0.00	0.15	7.67	0.14	0.19	5.54	0.00	0.20		
KY397Z	5.76	-2.21	0.48	7.55	-0.40	0.53	3.70	-1.10	0.54	7.49	-0.72	0.32	5.48	-0.33	0.00		
LRW67T	6.44	4.40X	2.47	7.28	-1.49	1.16	4.42	4.86X	1.82	7.83	0.93	0.47	6.84	7.25X	1.56		
MH2JDY	6.01	0.24	0.21	7.61	-0.16	0.20	3.93	0.81	0.83	7.69	0.22	0.11	5.51	-0.17	0.54		
N9RCCP	6.04	0.47	0.28	7.70	0.20	0.20	3.88	0.39	0.54	7.66	0.08	0.11	5.47	-0.39	0.20		
P4GNCT	5.92	-0.66	0.18	7.64	-0.04	0.20	3.85	0.12	0.69	7.65	0.05	0.37	5.48	-0.35	0.24		
R3H93T	6.11	1.14	0.46	7.89	0.95	0.00	3.98	1.17	1.43	7.81	0.82	0.19	5.62	0.43	0.66		
TNTQMV	6.18	1.89	0.38	7.19	-1.83	0.81	4.89	8.79X	1.73	7.16	-2.31	0.49	6.08	3.00	0.82		
UJTTPM	5.97	-0.19	0.09	7.64	-0.03	0.02	3.84	0.00	0.07	7.61	-0.15	0.08	5.34	-1.11	0.19		
WP9BVU	6.18	1.89	2.18	7.89	0.94	2.40	4.07	1.92	0.79	7.73	0.45	0.53	5.64	0.54	1.70		
XYT2VR	5.95	-0.37	0.36	7.73	0.33	0.31	3.75	-0.69	1.08	7.65	0.05	0.37	5.47	-0.41	0.72		
YWQCGP	5.95	-0.34	0.42	7.59	-0.24	0.20	3.81	-0.22	0.00	7.59	-0.22	1.50	5.53	-0.06	1.22		
ZWKGAN	5.98	-0.08	0.18	7.49	-0.62	0.51	3.78	-0.49	1.23	7.43	-0.99	1.82	5.40	-0.78	0.41		
ZYP8EH	5.95	-0.34	0.38	7.82	0.68	0.20	3.77	-0.55	0.26	7.75	0.55	0.11	5.47	-0.37	0.12		



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pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	5.99	7.65	3.84	7.64	5.54	
Median Abs Dev	0.05	0.15	0.07	0.09	0.07	
Avg Within Lab SD	0.06	0.05	0.04	0.05	0.05	
Labs Included	22	25	22	25	23	
Labs Reporting	25	25	25	25	25	



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3QUNDF	2.17	-0.99	0.98	0.34	-1.78	0.69	1.79	-1.91	1.50	2.28	-0.44	1.32	0.25	-0.39	0.54		
43XF7D	2.90	1.45		0.50	0.54		1.90	-1.56		3.10	1.69		0.40	1.64			
4872UB	2.50	0.10	1.02	0.53	0.95	0.85	2.59	0.61	0.65	2.48	0.08	0.28	0.24	-0.59	0.80		
4KDMN2	2.67	0.66	3.45	0.46	0.02	0.89	1.89	-1.59	1.12	1.69	-1.97	0.22	0.28	0.08	2.19		
7WKAPX	2.59	0.40	0.59	0.47	0.06	1.21	2.49	0.28	0.20	2.62	0.44	0.16	0.30	0.24	0.36		
8MM9GJ	2.05	-1.38	0.82	0.41	-0.76	0.74	2.96	1.75	2.41	2.22	-0.61	2.32	0.31	0.39	1.69		
8WCWE7	2.64	0.58		0.46	-0.01		2.45	0.16		2.74	0.76		0.32	0.56			
AP7294	2.49	0.08	0.06	0.43	-0.49	0.08	2.38	-0.06	0.06	2.52	0.18	0.13	0.29	0.12	0.15		
DN8LY4	1.98	-1.63	0.69	0.46	0.01	2.12	1.96	-1.36	0.75	1.92	-1.37	0.48	0.37	1.19	2.90		
EF3F87	2.37	-0.33	1.35	0.60	1.95	2.87	2.47	0.21	0.46	2.57	0.31	0.31	0.18	-1.30	0.18		
F88X73	2.29	-0.59		0.61	2.14		2.65	0.79		2.59	0.37		0.39	1.51			
KJKNYR	2.50	0.10	0.75	0.45	-0.22	0.40	2.41	0.05	0.60	2.56	0.29	0.43	0.26	-0.32	0.20		
KY397Z	2.57	0.33	0.52	0.49	0.35	0.15	2.38	-0.05	0.18	2.65	0.53	0.03	0.33	0.69	0.00		
LRW67T	2.40	-0.21	0.29	0.41	-0.72	0.60	2.10	-0.94	0.53	2.32	-0.34	0.12	0.27	-0.08	0.48		
MH2JDY	2.34	-0.41	0.05	0.43	-0.54	0.03	2.31	-0.26	0.07	2.25	-0.52	0.08	0.20	-1.01	0.57		
N9RCCP	2.61	0.49	0.05	0.48	0.30	0.07	2.55	0.47	0.08	2.88	1.11	0.08	0.31	0.44	0.02		
P4GNCT	2.87	1.35	1.30	0.44	-0.26	0.05	2.67	0.85	0.29	2.97	1.34	0.20	0.26	-0.30	0.11		
R3H93T	2.25	-0.71	0.57	0.41	-0.82	0.20	2.20	-0.61	0.44	2.33	-0.30	0.03	0.25	-0.38	0.30		
TNTQMV	2.47	0.00	0.27	0.54	1.17	0.15	2.48	0.25	0.40	2.34	-0.28	0.35	0.22	-0.85	0.48		
UJTTPM	2.26	-0.70	0.09	0.43	-0.50	0.01	2.48	0.25	0.14	2.25	-0.53	0.10	0.29	0.17	0.04		
W8VFTN	2.71	0.81	0.35	0.51	0.75	1.03	2.64	0.75	0.08	2.73	0.73	0.26	0.34	0.80	0.94		
WP9BVU	1.64	-2.77X	3.04	0.45	-0.20	0.58	2.18	-0.68	2.70	1.85	-1.55	3.76	0.25	-0.37	0.63		
XYT2VR	2.34	-0.44	0.91	0.38	-1.16	0.46	2.34	-0.19	0.62	2.42	-0.08	0.55	0.24	-0.54	0.15		
YWQCGP	2.06	-1.37	0.44	0.36	-1.54	1.70	2.34	-0.17	1.76	2.22	-0.59	0.67	0.16	-1.62	1.43		
ZWKGAN	2.12	-1.16	0.27	0.47	0.16	0.92	1.93	-1.45	0.28	2.13	-0.84	0.19	0.25	-0.35	0.90		
ZYP8EH	2.64	0.59	0.72	0.47	0.12	0.55	2.49	0.29	0.65	2.56	0.30	0.20	0.40	1.61	0.84		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	2.47	0.46	2.40	2.45	0.28	
Median Abs Dev	0.18	0.04	0.17	0.20	0.04	
Avg Within Lab SD	0.11	0.04	0.13	0.19	0.03	
Labs Included	25	26	26	26	26	
Labs Reporting	26	26	26	26	26	



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HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.32	-1.00	0.23	1.63	-1.46	0.07	0.08	-0.35	0.16	1.61	-0.48	0.14	0.33	-0.09	0.51	
4KDMN2	0.71	0.01	1.20	2.56	-0.46	1.39	0.24	0.00	0.38	1.70	-0.35	0.22				
DN8LY4	0.70	-0.01	0.00	2.10	-0.95	0.58	0.63	0.89	0.45	1.73	-0.29	0.20	0.70	1.88	0.00	
EF3F87	1.28	1.48	1.38	6.32	3.57X	9.08				3.53	2.34	2.85	0.36	0.09	2.12	
KY397Z	0.49	-0.55	0.00	2.69	-0.32	0.16	0.10	-0.31	0.00	1.93	0.00	0.10	0.44	0.52	0.66	
MH2JDY	0.47	-0.60	0.15	3.40	0.44	0.15				2.22	0.42	0.26	0.14	-1.05	0.25	
P4GNCT				3.12	0.14	0.68				1.86	-0.11	0.38				
R3H93T	0.88	0.44	0.71	2.86	-0.14	0.17				1.76	-0.25	0.25	0.17	-0.89	0.58	
TNTQMV	1.13	1.11	0.70	3.87	0.94	1.77	0.53	0.67	1.78	3.07	1.65	0.40	0.47	0.65	1.56	
W8VFTN	0.53	-0.46	0.17	3.68	0.74	0.47	0.06	-0.38	0.35	2.09	0.23	0.17	0.30	-0.23	0.04	
WP9BVU	1.12	1.07	2.36	4.06	1.15	1.96	1.18	2.12	1.83	2.82	1.29	1.51	1.32	5.14X	6.27	

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups						Data units: mmolc/L		
	SRS2111		SRS2112		SRS2113		SRS2114	
Grand Median	0.71		2.99		0.24		1.93	
Median Abs Dev	0.22		0.56		0.17		0.24	
Avg Within Lab SD	0.17		0.17		0.13		0.29	
Labs Included	10		10		7		11	
Labs Reporting	10		11		7		11	



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K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.65	-0.70	0.34	0.12	0.66	2.94	1.61	-2.85X	1.15	0.24	0.86	1.39	0.17	1.41	2.86	
4872UB	0.69	-0.09	1.50	0.14	1.41		2.06	-0.23	0.42				0.13	0.06		
4KDMN2	0.77	0.92	1.65	0.10	-0.64	0.50	1.81	-1.71	0.06	0.17	-1.51	1.84	0.12	-0.49	1.25	
7WKAPX	0.70	0.00	0.00	0.10	-0.41		1.97	-0.78	0.53	0.20	-0.54	0.00	0.10	-1.04	0.00	
8MM9GJ	0.61	-1.25	0.35	0.09	-0.86	0.10	2.29	1.10	2.07	0.21	-0.25	1.37	0.13	-0.06	0.76	
8WCWE7	0.71	0.13					2.07	-0.19								
AP7294	0.75	0.68	0.04	0.09	-0.95	0.12	2.23	0.71	0.26	0.22	0.00	0.07	0.14	0.28	0.21	
EF3F87	0.72	0.26	1.75	0.11	0.05	0.00	2.22	0.65	0.23	0.21	-0.22	0.75	0.11	-0.79	0.68	
F88X73	0.66	-0.53	0.35	0.15	1.69	0.20	2.05	-0.31	0.39	0.34	4.05X	0.24	0.19	2.07	0.42	
KJKNYR	0.69	-0.09	0.61				2.05	-0.31	0.24	0.21	-0.22	0.00	0.12	-0.31	0.00	
KY397Z	0.80	1.36	0.35	0.11	0.21	0.31	2.31	1.20	0.52	0.24	0.72	0.04	0.16	1.19	0.10	
MH2JDY	0.71	0.08	0.15	0.07	-1.61	0.14	2.18	0.44	0.18	0.18	-1.18	0.10	0.11	-0.65	0.14	
N9RCCP	0.67	-0.35	1.44				2.11	0.04	0.63	0.24	0.75	0.00	0.13	0.18	0.34	
P4GNCT	0.70	0.00	1.04				1.91	-1.11	0.39	0.22	0.07	0.94				
UJTTPM	0.68	-0.30	0.34	0.10	-0.43	0.14	1.97	-0.76	0.50	0.24	0.77	0.37	0.13	-0.12	0.74	
W8VFTN	0.81	1.47	0.35	0.11	-0.05	1.36	2.37	1.52	0.61	0.24	0.81	0.91	0.18	1.90	1.75	
WP9BVU	0.57	-1.70	0.93	0.12	0.28	0.88	2.11	0.06	2.38	0.20	-0.71	1.58	0.13	0.11	0.39	
XYT2VR	0.75	0.69	2.20				2.10	-0.04	2.16							
ZWKGAN	0.87	2.19	0.08	0.11	0.21	0.49	2.28	1.00	0.37	0.26	1.50	1.71	0.12	-0.13	0.27	

K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Grand Median	0.70			0.11			2.10			0.22			0.13		
Median Abs Dev	0.04			0.01			0.12			0.02			0.01			
Avg Within Lab SD	0.03			0.01			0.11			0.02			0.02			
Labs Included	19			14			18			15			16			
Labs Reporting	19			14			19			16			16			



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Ca - sp (SubTestCode 106) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	12.38	-1.35	0.86	2.18	-2.00	0.86	7.87	-3.67X	0.78	6.62	-1.49	0.99	0.90	-0.94	1.27	
4872UB	15.67	-0.01	1.30	4.39	0.82	0.38	12.40	0.00	0.95	8.16	-0.29	0.30	1.13	-0.18	1.57	
4KDMN2	9.62	-2.47X	2.07	1.96	-2.29X	0.21	5.82	-5.33X	0.14	3.69	-3.78X	0.09	0.67	-1.68	0.75	
7DQQGH	18.17	1.00		3.29	-0.58		12.41	0.01		8.93	0.31		1.32	0.43		
7WKAPX	15.37	-0.14	0.25	3.26	-0.62	0.35	12.37	-0.03	0.27	8.36	-0.13	0.22	1.18	-0.01	0.62	
8MM9GJ	12.35	-1.36	0.63	3.16	-0.75	0.57	14.83	1.97	2.20	6.87	-1.30	2.25	1.29	0.34	2.85	
8WCWE7	18.50	1.14		4.14	0.50		12.70	0.24		10.30	1.38		1.40	0.69		
AP7294	18.29	1.05	0.12	3.56	-0.23	0.22	13.49	0.88	0.10	9.24	0.55	0.18	1.46	0.88	0.74	
DN8LY4	14.33	-0.55	0.30	2.97	-0.99	0.77	11.03	-1.11	0.97	7.17	-1.07	0.75	1.27	0.26	0.62	
EF3F87	15.70	0.00	1.16	5.53	2.28	3.28	12.40	0.00	0.61	8.88	0.27	0.07	0.90	-0.94	0.69	
F88X73	14.45	-0.51	1.25	3.75	0.00	0.92	13.90	1.21	1.14	9.39	0.66	0.86	1.67	1.57	1.36	
KJKNYR	16.38	0.28	1.10	3.58	-0.21	1.11	11.88	-0.42	0.30	8.52	-0.01	0.43	1.05	-0.43	0.27	
KY397Z	18.96	1.32	0.17	4.17	0.54	0.22	13.24	0.68	0.40	9.82	1.00	0.21	1.66	1.55	0.15	
MH2JDY	17.21	0.61	0.14	4.57	1.05	0.68	13.05	0.52	0.06	9.14	0.47	0.32	1.09	-0.30	0.52	
N9RCCP	15.98	0.11	0.76	3.43	-0.41	0.32	12.32	-0.07	0.65	10.33	1.40	0.15	1.49	0.98	0.27	
P4GNCT	16.36	0.27	1.63	2.96	-1.01	0.15	10.90	-1.21	0.31	7.32	-0.94	0.07	0.72	-1.50	0.22	
R3H93T	14.62	-0.44	0.34	3.59	-0.20	0.21	10.99	-1.14	0.37	7.96	-0.45	0.18	1.19	0.01	0.55	
TNTQMV	16.03	0.14	0.36	4.37	0.79	0.77	12.43	0.03	0.24	8.53	0.00	0.07	1.03	-0.50	0.62	
UJTTPM	15.59	-0.05	0.57	3.69	-0.07	0.29	11.56	-0.68	0.55	8.70	0.13	0.44	1.31	0.42	0.44	
W8VFTN	18.69	1.21	0.25	4.45	0.90	0.80	14.02	1.31	0.17	9.94	1.10	0.04	1.38	0.63	0.20	
WP9BVU	11.46	-1.72	2.79	4.20	0.58	1.54	11.91	-0.39	2.94	6.76	-1.38	3.53	1.28	0.29	1.73	
XYT2VR	13.10	-1.05	1.35	3.91	0.20	0.26	10.35	-1.66	0.33	7.70	-0.65	0.52	1.02	-0.53	0.17	
YWQCGP	14.07	-0.66	0.59	4.23	0.62	1.21	13.27	0.70	1.21	8.14	-0.30	0.36	0.99	-0.64	0.77	
ZWKGAN	17.05	0.55	0.07	3.86	0.15	0.52	11.71	-0.56	0.23	8.79	0.20	0.15	1.04	-0.47	0.74	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	15.7	3.75	12.4	8.53	1.19	
Median Abs Dev	1.4	0.46	0.8	0.70	0.16	
Avg Within Lab SD	0.8	0.30	0.9	0.82	0.09	
Labs Included	23	23	22	23	24	
Labs Reporting	24	24	24	24	24	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	7.44	2.24	1.17	0.99	0.31	0.79	5.16	0.84	1.04	5.92	2.04	1.35	1.03	1.26	1.57	
4872UB	5.37	-0.01	1.36	1.05	0.68	0.08	4.74	0.00	0.86	4.29	-0.19	0.37	0.64	-0.62	1.62	
4KDMN2	3.03	-2.57X	1.73	0.45	-2.97X	0.00	2.08	-5.33X	0.12	1.71	-3.74X	0.10	0.30	-2.27X	0.55	
7DQQGH	6.61	1.34		0.82	-0.73		4.84	0.20		4.77	0.46		0.85	0.38		
7WKAPX	5.40	0.02	0.65	0.97	0.15	1.60	4.87	0.25	0.39	4.43	0.00	0.13	0.80	0.14	1.55	
8MM9GJ	4.25	-1.24	0.63	0.76	-1.11	0.37	5.41	1.34	2.15	3.72	-0.98	1.93	0.71	-0.28	2.08	
8WCWE7	5.92	0.59		0.91	-0.19		4.51	-0.46		5.01	0.79		0.88	0.53		
AP7294	5.94	0.61	0.12	0.86	-0.52	0.18	4.94	0.40	0.07	4.56	0.18	0.20	0.84	0.36	0.18	
DN8LY4	4.90	-0.53	0.00	0.87	-0.45	0.80	4.13	-1.21	1.10	3.40	-1.42	0.40	0.83	0.30	0.90	
EF3F87	5.38	0.00	1.23	1.27	2.01	3.53	4.76	0.03	0.48	4.60	0.23	0.05	0.57	-0.97	0.55	
F88X73	4.35	-1.13	0.39	1.04	0.60	0.39	4.66	-0.16	0.43	3.88	-0.77	0.24	0.63	-0.67	0.26	
KJKNYR	5.33	-0.06	0.67	0.80	-0.87	0.76	4.22	-1.04	0.15	4.16	-0.38	0.32	0.58	-0.91	0.31	
KY397Z	6.20	0.89	0.49	1.00	0.34	0.55	4.70	-0.08	0.32	4.86	0.59	0.05	0.92	0.73	0.05	
MH2JDY	5.94	0.61	0.15	0.81	-0.82	0.27	5.02	0.56	0.16	4.43	0.00	0.08	0.46	-1.46	0.50	
N9RCCP	5.64	0.28	1.13	0.93	-0.09	0.21	5.13	0.77	0.64	5.77	1.84	0.02	0.93	0.78	0.32	
P4GNCT	5.36	-0.03	1.32	0.68	-1.60	0.06	3.95	-1.59	0.35	4.72	0.39	0.99	0.41	-1.73	0.14	
R3H93T	5.31	-0.08	0.54	0.90	-0.27	0.28	4.39	-0.71	0.52	4.28	-0.21	0.32	0.77	0.00	0.41	
TNTQMV	5.80	0.45	0.33	1.10	0.96	0.00	5.13	0.79	0.39	4.77	0.46	0.35	0.57	-0.97	0.90	
UJTTPM	4.47	-0.99	0.19	0.83	-0.66	0.26	3.71	-2.06	0.46	3.52	-1.25	0.32	0.64	-0.61	0.45	
W8VFTN	6.24	0.94	0.21	0.94	0.00	0.29	5.10	0.72	0.45	4.87	0.60	0.19	0.83	0.31	0.39	
WP9BVU	3.91	-1.61	2.92	1.07	0.76	0.68	4.43	-0.63	2.73	3.34	-1.51	3.60	0.79	0.07	1.62	
XYT2VR	4.74	-0.70	1.36	0.96	0.09	0.27	4.43	-0.62	1.46	4.03	-0.55	0.51	1.02	1.19	0.11	
YWQCGP	5.05	-0.36	0.70	1.16	1.32	1.44	5.09	0.69	1.29	4.19	-0.33	0.55	0.61	-0.77	1.53	
ZWKGAN	6.12	0.81	0.40	1.10	0.98	0.76	4.57	-0.35	0.09	4.70	0.36	0.23	0.67	-0.47	1.09	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	5.38	0.94	4.74	4.43	0.77	
Median Abs Dev	0.55	0.11	0.31	0.34	0.13	
Avg Within Lab SD	0.31	0.07	0.29	0.44	0.06	
Labs Included	23	23	23	23	23	
Labs Reporting	24	24	24	24	24	



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Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	1.07	-0.71	0.91	0.20	-0.78	0.00	0.93	-1.85	0.67	10.23	-0.82	1.21	0.20	-0.57	0.00	
4872UB	1.20	-0.09	1.51	0.27	0.00	0.73	1.17	-0.37	0.40	10.97	-0.41	0.92				
4KDMN2	1.46	1.11	2.46	0.37	1.06	0.90	1.27	0.26	0.33	9.41	-1.27	0.65	0.36	0.43	1.22	
7DQQGH	1.33	0.51		0.31	0.45		1.19	-0.24		10.80	-0.50		0.50	1.30		
7WKAPX	1.39	0.80	0.71	0.33	0.70	0.92	1.29	0.36	0.27	12.33	0.34	0.56	0.33	0.26	0.95	
8MM9GJ	1.08	-0.63	0.42	0.25	-0.17	0.47	1.63	2.50	2.33	9.83	-1.04	2.15	0.33	0.24	1.89	
8WCWE7	1.34	0.56		0.27	0.00		1.20	-0.18		13.70	1.09		0.29	-0.01		
AP7294	1.26	0.18	0.10	0.24	-0.35	0.13	1.23	-0.01	0.47	12.53	0.45	0.18	0.18	-0.70	0.05	
DN8LY4	1.10	-0.56	0.00	0.27	-0.04	1.05	1.17	-0.39	1.34	10.23	-0.82	0.90	0.33	0.26	2.19	
EF3F87	1.25	0.14	0.69	0.28	0.07	0.38	1.25	0.16	0.36	12.77	0.58	0.29	0.14	-0.94	0.00	
F88X73	0.97	-1.16	0.16	0.37	1.07	0.10	1.07	-1.03	0.08	9.66	-1.13	0.25	0.37	0.47	0.46	
KJKNYR	1.19	-0.12	0.55	0.24	-0.33	0.48	1.12	-0.68	0.20	11.78	0.03	0.30	0.15	-0.86	0.08	
KY397Z	1.52	1.37	0.41	0.32	0.61	0.25	1.40	1.10	0.33	13.48	0.97	0.56	0.28	-0.09	0.05	
MH2JDY	1.26	0.18	0.28	0.19	-0.87	0.09	1.30	0.43	0.37	13.06	0.74	0.19	0.13	-0.99	0.07	
N9RCCP	1.18	-0.20	1.14	0.23	-0.48	0.11	1.23	0.01	0.60	14.68	1.63	0.09	0.96	4.16X	0.14	
P4GNCT	1.58	1.69	1.64	0.63	3.96X	1.41	1.46	1.47	0.50	13.10	0.76	0.19	0.64	2.17	0.84	
R3H93T	1.24	0.09	0.16	0.25	-0.19	0.10	1.19	-0.24	0.47	11.95	0.13	0.47	0.22	-0.44	0.17	
TNTQMV	1.17	-0.25	0.91	0.23	-0.41	1.05	1.20	-0.18	0.00	11.60	-0.06	0.14	0.23	-0.36	0.83	
UJTTPM	0.97	-1.17	0.49	0.28	0.15	0.29	1.04	-1.19	0.39	11.66	-0.03	0.64	0.40	0.65	0.32	
W8VFTN	1.46	1.13	0.79	0.44	1.95	1.73	1.43	1.24	0.62	13.69	1.09	0.09	0.60	1.92	1.37	
WP9BVU	0.94	-1.29	1.50	0.25	-0.25	0.44	1.19	-0.26	2.56	9.73	-1.09	3.43	0.19	-0.61	0.33	
XYT2VR	1.17	-0.21	1.30	0.32	0.52	0.28	1.23	0.01	1.86	10.72	-0.55	0.58	0.27	-0.15	0.09	
YWQCGP	1.14	-0.39	0.87	0.39	1.38	2.28	1.37	0.89	1.34	11.03	-0.38	0.29	0.29	0.01	0.72	
ZWKGAN	1.58	1.67	0.83	0.60	3.68	2.71	1.41	1.13	0.38	12.21	0.27	0.21	0.52	1.41	2.23	



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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	1.22	0.27	1.23	11.7	0.29	
Median Abs Dev	0.12	0.04	0.06	1.2	0.08	
Avg Within Lab SD	0.06	0.05	0.09	0.7	0.07	
Labs Included	24	23	24	24	22	
Labs Reporting	24	24	24	24	23	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value	
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.33	-1.05	0.30	0.18	0.17	0.61	0.35	-1.31	0.66	4.10	-1.24	1.01	0.25	-0.16	0.18	
4872UB	0.37	-0.16	1.04	0.16	-0.30	1.00	0.40	-0.22	0.66	4.57	-0.22	1.79				
7DQQGH	0.38	0.08		0.22	1.02		0.41	0.00		4.13	-1.17		0.48	1.48		
7WKAPX	0.43	1.30	0.52	0.23	1.18	1.50	0.44	0.58	0.38	4.88	0.44	1.10	0.33	0.45	0.71	
8MM9GJ	0.38	0.00	0.22	0.18	0.14	0.56	0.51	2.21	2.01	4.14	-1.14	1.83	0.33	0.40	1.41	
8WCWE7	0.38	0.08		0.17	-0.14		0.41	0.00		4.96	0.61		0.27	0.00		
AP7294	0.36	-0.40	0.00	0.16	-0.30	0.23	0.40	-0.15	1.00	4.77	0.21	0.10	0.17	-0.70	0.00	
DN8LY4	0.40	0.57	0.00	0.20	0.56	0.00	0.40	-0.22	0.00	4.43	-0.52	1.27	0.30	0.21	2.36	
F88X73	0.32	-1.47	0.37	0.24	1.37	0.28	0.35	-1.31	0.56	3.75	-1.99	0.35	0.34	0.51	0.23	
KJKNYR	0.36	-0.32	0.30	0.16	-0.37	0.40	0.40	-0.29	0.38	4.68	0.00	0.39	0.17	-0.68	0.07	
KY397Z	0.43	1.23	0.33	0.20	0.61	0.30	0.47	1.29	0.46	4.97	0.64	1.03	0.24	-0.18	0.03	
N9RCCP	0.36	-0.48	1.08	0.15	-0.53	0.23	0.42	0.15	0.38	5.19	1.10	0.14				
R3H93T	0.39	0.39	0.13	0.17	-0.17	0.18	0.43	0.42	0.58	4.83	0.33	0.70	0.22	-0.33	0.18	
TNTQMV	0.37	-0.24	3.00	0.13	-0.99	2.29	0.40	-0.22	0.00	4.50	-0.38		0.23	-0.26	0.68	
W8VFTN	0.41	0.92	0.67	0.27	2.19	2.07	0.46	1.11	0.91	5.03	0.76	0.13	0.57	2.12	1.07	
WP9BVU	0.35	-0.65	1.37	0.14	-0.76	0.23	0.42	0.15	2.49	4.37	-0.66	1.25	0.18	-0.61	0.18	
ZWKGAN	0.46	2.13	0.80	0.38	4.74X	3.46	0.49	1.83	0.88	4.70	0.05	0.44	0.56	2.02	1.79	

SAR - sp (SubTestCode 109) in the Salinity Property Groups						Data units: value	
	SRS2111		SRS2112		SRS2113	SRS2114	SRS2115
Grand Median	0.38		0.18		0.41	4.68	0.27
Median Abs Dev	0.02		0.02		0.01	0.28	0.06
Avg Within Lab SD	0.02		0.03		0.02	0.12	0.08
Labs Included	17		16		17	17	15
Labs Reporting	17		17		17	17	15



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CI - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.47	-0.26	0.12	0.47	-0.43	0.17	0.36	-0.58	0.45	0.36	-0.30	0.12	0.27	-0.50	0.39	
43XF7D	1.70	6.80X		1.25	4.60X		1.00	4.50X		1.35	5.95X		0.95	5.28X		
4KDMN2	0.90	2.17	2.57	0.72	1.18	1.22	1.37	7.40X	13.73	0.75	2.12	1.66				
7WKAPX	0.77	1.43	3.06	0.57	0.19	0.55	0.50	0.53		0.53	0.78	1.23	0.30	-0.22	0.00	
8MM9GJ	0.51	-0.06	0.46	0.45	-0.55	1.90	0.70	2.08	2.58	0.51	0.62	0.60	0.42	0.82	0.77	
8WCWE7				0.62	0.54											
AP7294	0.49	-0.16	0.23	0.54	0.00	0.05	0.47	0.27	0.30	0.36	-0.32	0.73	0.27	-0.51	0.09	
DN8LY4	0.57	0.27	0.47	0.53	-0.02	0.55	0.53	0.79	0.75	0.37	-0.27	1.23	0.30	-0.22	0.00	
EF3F87	0.40	-0.67	0.05	0.45	-0.54	0.22	0.36	-0.56	0.33	0.34	-0.46	0.12				
KY397Z	0.53	0.06	0.30	0.54	0.02	0.09	0.43	0.00	0.18	0.43	0.15	0.22	0.30	-0.23	0.10	
LRW67T	0.60	0.47	0.00	0.73	1.27	0.55	0.43	0.00	1.99	0.63	1.41	1.23	0.47	1.19	1.57	
MH2JDY	0.39	-0.74	0.01	0.39	-0.97	0.03	0.35	-0.67	0.07	0.30	-0.69	0.04	0.23	-0.82	0.09	
R3H93T	0.18	-1.96	0.29	0.30	-1.53	0.79	0.25	-1.43	0.46	0.39	-0.15	1.17	0.42	0.84	0.96	
TNTQMV	0.61	0.51	0.67	0.52	-0.11	0.10	0.48	0.37	0.26	0.46	0.34	0.12	0.36	0.31	0.80	
UJTTPM	0.57	0.31	0.12	0.66	0.77	0.43	0.56	1.03	0.53	0.59	1.14	0.57	0.39	0.54	0.49	
W8VFTN	0.54	0.14	0.36	0.69	1.00	0.68	0.50	0.54	0.57	0.47	0.40	0.89	0.48	1.30	0.80	
WP9BVU	0.29	-1.34	0.39	0.37	-1.08	0.24	0.35	-0.70	1.10	0.28	-0.85	2.54	0.20	-1.05	0.13	
WU8F2L	0.62	0.59	0.04	0.63	0.58	0.03	0.52	0.70	0.05	0.56	0.97	0.12	0.35	0.22	0.02	
YWQCGP	0.36	-0.93	0.44	0.45	-0.54	0.43	0.38	-0.43	1.50	0.31	-0.63	0.57	0.26	-0.59	0.39	
ZWKGAN	0.51	-0.06	0.66	0.77	1.50	3.22	0.34	-0.78	0.12	0.32	-0.55	0.64	0.50	1.43	3.18	

CI - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	0.52			0.54			0.43			0.41			0.33			
Median Abs Dev	0.08			0.09			0.07			0.09			0.07			
Avg Within Lab SD	0.12			0.10			0.08			0.05			0.07			
Labs Included	18			19			17			18			16			
Labs Reporting	19			20			19			19			17			



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	3.08	-1.34	0.46	0.49	-1.04	0.61	0.71	-2.18	0.38	5.12	-1.53	0.25	0.59	-0.88	0.58	
4872UB	3.73	-0.24	0.89	0.45	-1.33	0.51	1.00	-0.43	0.45	5.79	-0.91	1.03	0.76	0.00	0.75	
4KDMN2	2.26	-2.73X	2.53	0.36	-1.96	0.10	0.49	-3.58X	0.09	2.68	-3.78X	0.17	0.41	-1.85	0.09	
7WKAPX	3.30	-0.97	1.32	0.67	0.11	3.05	0.80	-1.65	1.24	6.43	-0.31	0.31	0.63	-0.67	0.74	
8MM9GJ	3.29	-0.98	0.85	0.52	-0.89	1.67	1.84	4.68X	3.75	5.24	-1.41	1.74	0.68	-0.42	1.34	
8WCWE7	4.46	0.98		0.74	0.59		1.15	0.49		7.62	0.79		0.96	1.02		
AP7294	3.93	0.10	0.76	0.56	-0.58	0.18	1.02	-0.28	0.62	6.77	0.00	0.29	0.74	-0.13	0.05	
DN8LY4	3.70	-0.30	0.76	0.70	0.33	1.47	1.00	-0.43	1.24	6.10	-0.62	0.20	0.97	1.05	2.67	
EF3F87	4.36	0.82	1.32	0.65	0.02	0.22	1.06	-0.04	0.59	7.12	0.33	0.29	1.00	1.22	0.44	
KJKNYR	3.78	-0.17	1.16							6.37	-0.37	0.48				
KY397Z	4.58	1.18	1.16	0.84	1.24	0.22	1.20	0.81	0.21	7.57	0.74	0.20	0.88	0.59	0.34	
MH2JDY	4.22	0.58	0.56	0.59	-0.41	0.06	1.07	0.00	0.44	6.83	0.05	0.08	0.85	0.43	0.22	
N9RCCP	3.88	0.00	0.19	0.65	0.00	0.15	1.11	0.24	0.12	7.28	0.47	0.06	0.71	-0.28	0.13	
R3H93T	4.57	1.16	0.56	0.75	0.66	0.08	1.33	1.60	1.13	7.35	0.54	0.56	0.83	0.36	0.53	
TNTQMV	4.32	0.74	0.36	0.69	0.26	0.39	1.15	0.49	0.43	6.80	0.03	0.17	1.13	1.90	0.59	
W8VFTN	4.24	0.61	0.37	0.73	0.52	0.36	1.08	0.03	0.48	6.91	0.13	0.00	0.87	0.53	0.88	
WP9BVU	3.42	-0.77	2.32	0.52	-0.84	0.84	1.09	0.14	1.79	4.68	-1.93	3.49	0.73	-0.16	2.14	
WU8F2L	4.20	0.55	1.26	0.65	0.00	0.18	1.07	-0.02	0.32	7.71	0.87	0.68	0.83	0.33	0.07	
YWQCGP	3.49	-0.65	0.66	0.72	0.46	1.16	1.24	1.02	2.53	5.98	-0.73	0.50	0.67	-0.48	1.05	
ZWKGAN	3.48	-0.67	0.79	0.41	-1.57	0.74	0.81	-1.60	0.42	5.62	-1.06	0.02	0.67	-0.51	0.39	

SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	3.88			0.65			1.07			6.77			0.76			
Median Abs Dev	0.40			0.09			0.07			0.67			0.10			
Avg Within Lab SD	0.13			0.07			0.08			0.50			0.08			
Labs Included	19			19			17			19			19			
Labs Reporting	20			19			19			20			19			



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	13.50	-1.12	0.73	0.52	-0.16	0.90	11.47	-1.60	0.33	10.63	-1.22	0.30	0.72	-0.74	0.43
4872UB	19.37	0.13	0.25				25.50	1.04	1.09	14.97	-0.23	0.78	0.26	-1.70	1.52
4KDMN2	9.98	-1.86	0.53	0.10	-0.96	0.24	9.54	-1.96	0.06	9.04	-1.58	0.10	0.98	-0.20	0.10
7WKAPX	18.07	-0.15	0.13	0.69	0.16	1.36	19.30	-0.13	0.63	16.27	0.07	0.42	1.07	0.00	0.81
AP7294	21.06	0.49	0.50	0.95	0.66	0.14	21.54	0.29	0.25	17.98	0.46	0.26	1.22	0.31	0.13
DN8LY4	17.10	-0.35	0.25	0.93	0.62	0.98	17.70	-0.43	0.86	13.33	-0.60	1.03	1.13	0.13	2.21
EF3F87	19.43	0.14	2.27				21.83	0.35	2.62	16.97	0.23	0.52	0.25	-1.73	
KJKNYR	19.04	0.06	0.82	0.91	0.57	1.45	19.27	-0.13	0.31	16.07	0.02	0.15	1.07	0.00	0.25
KY397Z	21.76	0.63	0.96	0.16	-0.86	0.03	20.79	0.15	0.22	18.91	0.67	0.39	1.31	0.50	0.21
N9RCCP	20.67	0.40	0.15	0.96	0.67	0.00	22.10	0.40	0.17	20.16	0.96	0.05	1.57	1.06	0.22
UJTTPM	18.50	-0.06	0.07	0.83	0.42	1.43	20.64	0.13	0.44	15.86	-0.02	0.61	1.41	0.73	0.61
W8VFTN	20.11	0.28	0.06	0.09	-0.99	0.25	21.18	0.23	0.52	17.44	0.34	0.19	1.31	0.51	0.20
WP9BVU	11.26	-1.59	2.45	0.14	-0.90	1.75	17.67	-0.43	1.99	11.49	-1.02	3.34	1.01	-0.13	2.07
ZWKGAN	8.50	-2.18	0.17	0.01	-1.13		8.41	-2.17	0.19	7.02	-2.04	0.07	0.25	-1.72	0.28

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	18.8			0.61			20.0			16.0			1.07		
Median Abs Dev	1.8			0.35			2.0			2.3			0.24		
Avg Within Lab SD	1.2			0.06			1.5			1.5			0.07		
Labs Included	14			12			14			14			14		
Labs Reporting	14			12			14			14			14		



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B - sp (SubTestCode 113) in the Salinity Property Groups

Data units: mg/L

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	0.060	-0.26	0.72	0.053	-0.46	0.53	0.050	-0.85	1.08	0.077	-0.39	0.97	0.047	-0.22	0.59
43XF7D	0.640	13.87X		0.260	4.46X		0.660	16.40X		0.630	10.51X		0.180	3.26X	
4872UB													0.280	5.87X	
4KDMN2	0.075	0.11	0.51	0.060	-0.30	0.00	0.070	-0.28	0.00	0.080	-0.32	0.00	0.055	0.00	0.73
8MM9GJ	0.029	-1.01	0.15	0.031	-0.98	0.31	0.064	-0.44	1.23	0.066	-0.60	0.26	0.033	-0.59	0.66
AP7294	0.071	0.00	0.04	0.066	-0.15	0.37	0.073	-0.20	0.00	0.110	0.27	1.09	0.057	0.04	0.42
DN8LY4	0.070	-0.02	0.72	0.073	0.02	0.53	0.073	-0.19	0.62	0.080	-0.32	2.21	0.053	-0.04	1.19
EF3F87	0.060	-0.26	0.00	0.080	0.18	0.93	0.080	0.00	1.08	0.117	0.40	0.48	0.050	-0.13	
KY397Z	0.074	0.09	0.16	0.072	0.00	0.06	0.082	0.05	0.24	0.119	0.45	0.00	0.059	0.11	0.19
P4GNCT	0.194	3.00	2.30	0.157	2.00	0.84	0.143	1.77	0.65	0.220	2.44	1.05	0.148	2.42	1.06
TNTQMV	0.097	0.63	0.42	0.123	1.21	1.41	0.120	1.13	1.08	0.153	1.12	0.48	0.097	1.09	1.19
UJTTPM	0.046	-0.60	0.76	0.036	-0.86	0.17	0.104	0.68	0.33	0.051	-0.90	0.64	0.038	-0.43	1.13
W8VFTN	0.036	-0.86	0.90	0.034	-0.93	1.53	0.047	-0.93	0.86	0.081	-0.30	0.92	0.006	-1.28	0.10
WP9BVU	0.134	1.54	1.23	0.130	1.36	1.99	0.135	1.55	2.03	0.160	1.25	0.08	0.122	1.75	1.63
YWQCGP	0.087	0.39	1.82	0.086	0.32	1.51	0.105	0.70	1.47	0.096	0.00	1.76	0.081	0.68	1.61

B - sp (SubTestCode 113) in the Salinity Property Groups

Data units: mg/L

	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115
Grand Median	0.071	0.072	0.080	0.10	0.055
Median Abs Dev	0.016	0.019	0.024	0.02	0.017
Avg Within Lab SD	0.014	0.011	0.009	0.01	0.010
Labs Included	13	13	13	13	13
Labs Reporting	14	14	14	14	15



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.95	0.07	0.98	0.43	1.81	1.04	0.56	-0.42	0.67	1.37	0.72	0.64	0.30	2.70	4.24	
492HCY	0.93	-0.12	0.15	0.30	-0.05	0.27	0.56	-0.42	0.48	1.18	-0.16	0.39	0.18	0.29	0.29	
4HNHLG	0.99	0.47	2.43	0.21	-1.22	3.32	0.41	-1.00	1.98	0.73	-2.30	3.51	0.10	-1.17	2.03	
7DQQGH	0.66	-2.50	0.15	0.33	0.41	0.82	0.64	-0.07	0.79	0.92	-1.40	0.76	0.12	-0.79	0.00	
7WKAPX	1.01	0.65	0.82	0.38	1.09	2.07	0.93	1.09	0.48	1.40	0.86	0.11	0.16	-0.03	0.51	
AH9CPE	1.01	0.58	0.80	0.36	0.77	0.27	0.70	0.15	3.91	1.38	0.80	0.57	0.26	1.87	0.51	
AP7294	0.89	-0.45	0.31	0.29	-0.19	0.40	0.87	0.83	0.72	1.19	-0.14	0.23	0.14	-0.37	0.09	
BJFX47	1.07	1.13	1.57	0.52	3.00X	1.11	0.41	-1.00	0.39	1.46	1.14	1.51	0.39	4.42X	1.77	
DN8LY4	0.74	-1.74	0.15	0.22	-1.13	0.72	0.51	-0.60	0.48	0.88	-1.62	0.22	0.11	-0.92	0.29	
DQ7BQB	0.85	-0.77	0.15	0.28	-0.27	0.00	0.30	-1.45	0.00	1.24	0.11	0.19	0.15	-0.16	0.29	
DXAB9R	0.99	0.48	1.34	0.36	0.80	1.81	0.87	0.85	0.67	1.21	-0.01	0.24	0.16	-0.05	0.68	
F24RXR	1.00	0.50	0.15	0.33	0.45	0.99	0.54	-0.48	0.48	1.27	0.27	0.57	0.18	0.29	0.29	
F88X73	0.94	-0.03	1.08	0.35	0.73	0.72	0.47	-0.78	0.48	1.33	0.53	2.34	0.22	1.05	0.29	
GKEW62	1.07	1.15	0.27	0.31	0.09	0.72	0.93	1.08	0.31	1.41	0.92	0.56	0.14	-0.41	1.01	
JCNAXZ	0.99	0.44	0.54	0.39	1.18	0.27	0.71	0.21	0.65	1.25	0.18	0.11	0.19	0.60	0.77	
JFNKUZ	0.82	-1.02	3.32	0.17	-1.75	0.71	0.64	-0.10	0.79	0.71	-2.39	1.16	0.09	-1.41	0.37	
KAZDQL	0.94	0.00	0.00	0.25	-0.64	0.00	0.78	0.48	0.00	1.17	-0.22	0.00	0.11	-0.93	0.00	
KY397Z	0.97	0.24	0.86	0.31	0.18	0.72	0.85	0.76	0.62	1.33	0.56	0.29	0.11	-0.98	0.00	
L3RDNV	0.80	-1.24	0.00	0.30	0.00	0.00	0.40	-1.05	0.00	1.00	-1.03		0.20	0.73	0.00	
NGAVKW	0.90	-0.37	0.20	0.35	0.65	0.25	0.42	-0.96	0.20	1.33	0.53	0.34	0.20	0.74	0.19	
R3H93T	0.85	-0.76	0.39	0.27	-0.36	1.23	0.33	-1.34	0.38	1.22	0.00	0.35	0.17	0.11	0.63	
U4Z8AM	0.85	-0.79	0.54	0.25	-0.73	0.55	0.58	-0.33	0.31	0.95	-1.25	0.47	0.17	0.22	1.05	
W4W4WN	0.98	0.32	0.41	0.25	-0.73	0.55	0.86	0.80	0.00	1.21	-0.04	0.11	0.21	0.92	0.51	
WP9BVU	0.90	-0.38	0.71	0.28	-0.21	0.62	0.50	-0.66	0.18	1.09	-0.62	1.56	0.16	-0.09	0.62	
WQ3YEP	1.11	1.47	0.41	0.33	0.45	0.27	0.86	0.80	0.31	1.35	0.65	0.29	0.20	0.73	0.51	
WU8F2L	1.04	0.88	0.71	0.23	-0.91	0.27	0.87	0.82	0.18	1.32	0.51	0.11	0.12	-0.79	0.00	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
XVUPYR	0.51	-3.77X	0.86	0.14	-2.18	0.95	0.77	0.42	0.79	1.43	1.02	0.00	0.69	10.05X	0.00	
Y7AR36	0.94	0.03	0.15	0.29	-0.18	0.27	0.75	0.34	0.36	1.19	-0.14	0.39	0.16	0.03	0.29	
YJVAPG	0.89	-0.47	1.02	0.33	0.36	0.99	0.68	0.07	2.16	1.22	0.00	1.43	0.18	0.35	0.51	
YVBYNL	0.88	-0.53	0.34	0.30	0.05	0.24	0.88	0.88	0.13	1.20	-0.10	0.05	0.15	-0.14	0.03	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	0.94			0.30			0.66			1.22			0.16			
Median Abs Dev	0.06			0.05			0.19			0.11			0.04			
Avg Within Lab SD	0.04			0.02			0.03			0.05			0.02			
Labs Included	29			29			30			30			28			
Labs Reporting	30			30			30			30			30			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2EENTE	0.65	0.82	0.64	0.21	1.15	2.17	0.50	0.44	0.79	0.84	0.22	0.62	0.09	0.61	0.72	
4GCN7G	0.54	-0.78	1.20	0.14	-1.17	2.50	0.42	-0.82	0.75	0.67	-1.29	0.97	0.06	-0.99	2.44	
4LL4DK	0.70	1.40	2.25	0.18	0.28	0.14	0.55	1.09	0.48	0.88	0.57	0.42	0.08	0.15	0.32	
4MJEAM	0.60	0.10	0.25	0.19	0.40	0.62	0.50	0.33	0.05	0.81	-0.03	0.13	0.09	0.59	1.24	
7XVARJ	0.84	3.28X	0.75	0.32	5.29X	3.37	0.65	2.57X	2.10	0.99	1.60	0.32	0.17	6.05X	2.86	
8WCWE7	0.61	0.24	0.78	0.18	0.11	0.62	0.50	0.30	1.29	0.82	0.04	0.33	0.09	0.59	1.48	
AP7294	0.62	0.31	0.10	0.22	1.63	0.45	0.48	0.03	1.20	0.82	0.05	0.05	0.09	0.61	0.16	
D7KDUT	0.54	-0.70	0.05	0.17	-0.09	0.19	0.44	-0.48	0.29	0.73	-0.78	0.10	0.07	-0.38	0.16	
DN8LY4	0.51	-1.07	1.58	0.14	-1.34	0.00	0.37	-1.62	1.05	0.70	-1.05	0.37	0.07	-0.31	1.65	
HPYJ8K	0.70	1.49	3.00	0.18	0.13	0.00	0.64	2.42	0.53	0.93	1.06	4.58	0.09	1.01	1.65	
JCNAXZ	0.56	-0.39	0.28	0.17	-0.23	0.00	0.50	0.37		0.78	-0.27	0.80	0.07	-0.53	0.00	
JWY2Z3	0.59	-0.04	0.00	0.17	-0.23	0.00	0.46	-0.17	0.53	0.76	-0.51	0.37	0.09	1.01	1.65	
KY397Z	0.55	-0.62	0.75	0.18	0.26	1.12	0.44	-0.47	0.53	0.75	-0.57	0.32	0.07	-0.53	0.00	
LKWK4W	0.71	1.53	0.75	0.32	5.16X	2.24	0.35	-1.82	0.53	0.99	1.60	0.32	0.17	5.83X	1.65	
N4LJHU	0.58	-0.24	0.20	0.14	-1.21	1.12	0.49	0.15	0.71	0.37	-3.97X	0.13	0.06	-1.19	1.14	
N9RCCP	0.56	-0.38	1.06	0.16	-0.67	0.51	0.43	-0.62	2.52	0.65	-1.49	0.23	0.07	-0.44	0.59	
P4GNCT	0.55	-0.57	0.61	0.17	-0.40	1.16	0.45	-0.44	1.05	0.79	-0.17	0.43	0.07	-0.26	0.60	
PWZY2Z	0.60	0.04	0.28	0.18	0.28	0.19	0.47	-0.06	0.53	0.81	-0.01	0.46	0.08	-0.16	1.08	
PXVG32	0.53	-0.80	0.00	0.14	-1.45	0.00	0.48	0.09	0.00	0.73	-0.76	0.00	0.06	-0.92	0.00	
QBB8RU	0.60	0.13	0.07	0.21	1.07	0.30	0.48	0.09	0.23	0.81	0.01	0.06	0.08	0.00	0.46	
R3H93T	0.65	0.75	0.19	0.22	1.56	1.81	0.47	-0.03	1.91	0.85	0.30	0.99	0.11	1.93	0.33	
RVAVWV	0.69	1.36	0.09	0.18	0.00	0.09	0.59	1.78	0.38	0.93	1.02	0.12	0.08	0.45	0.09	
T4QPTC	0.58	-0.17	0.49	0.24	2.22	1.12	0.43	-0.72	1.39	0.83	0.12	0.18	0.10	1.23	1.65	
WU8F2L	0.58	-0.22	0.28	0.17	-0.23	0.00	0.47	-0.07	0.00	0.76	-0.45	0.18	0.07	-0.53	0.00	
XCG73N	0.61	0.24	0.17	0.16	-0.47	0.11	0.50	0.39	0.40	0.84	0.23	0.11	0.07	-0.83	0.04	
XM3ABM	0.73	1.89	1.24	0.18	0.26	1.12	0.60	1.82	1.05	0.87	0.55	0.49	0.10	1.45	0.00	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups													Data units: dS/m		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
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
YB6NJH	0.50	-1.26	1.47	0.18	-0.01	1.73	0.42	-0.84	1.71	0.50	-2.80	0.59	0.08	0.20	0.49

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups						Data units: dS/m		
SRS2111		SRS2112		SRS2113		SRS2114	SRS2115	
Grand Median	0.59		0.18		0.48		0.81	0.078
Median Abs Dev	0.04		0.01		0.03		0.06	0.009
Avg Within Lab SD	0.02		0.01		0.01		0.03	0.004
Labs Included	26		25		26		26	25
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	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2WDGYM	6.39	1.50	0.54	8.01	-0.21	0.12	4.01	-0.29	0.29	7.91	-0.50	0.38	6.36	3.76X	1.46	
3QUNDF	6.24	0.26	0.17	8.07	0.19	0.90	4.13	0.52	0.40	8.11	0.75	0.35	5.80	-0.29	0.41	
4872UB	6.36	1.28	1.54	8.06	0.09	2.82	4.14	0.63	2.93	7.67	-2.02	5.48	5.73	-0.79	4.01	
492HCY	6.20	-0.09	0.00	8.10	0.39	0.00	4.10	0.34	0.00	8.10	0.69	0.00	5.90	0.46	0.00	
4HNHLG	6.00	-1.79	2.92	7.97	-0.53	1.19	4.23	1.24	2.20	8.00	0.06	1.33	5.83	-0.02	0.77	
4MJEAM	6.26	0.40	0.26	7.80	-1.69	0.71	4.62	3.85	0.19	7.84	-0.98	0.15	5.49	-2.48	0.15	
4W87VF	6.17	-0.32	0.01	8.11	0.48	0.02	4.04	-0.05	0.01	7.91	-0.50	0.02	5.70	-0.96	0.01	
7DQQGH	6.33	1.05	0.97	8.00	-0.30		4.17	0.79	1.10	8.13	0.90	0.77	5.87	0.22	0.77	
7WKAPX	6.20	-0.09	1.46	8.01	-0.21	0.98	3.92	-0.86	1.10	7.83	-1.03	0.81	5.74	-0.69	2.01	
7XVARJ	6.01	-1.70	0.17	7.70	-2.36	0.66	3.95	-0.70	0.67	7.58	-2.63	0.43	5.69	-1.08	0.50	
8LUCUA	5.88	-2.78	0.19	8.07	0.21	0.60	4.09	0.25	0.61	7.84	-0.94	0.41	6.08	1.76	0.35	
8WCWE7	6.26	0.45	0.26	8.06	0.14	0.48	4.04	-0.07	0.19	7.93	-0.41	0.28	5.94	0.77	0.55	
8WYBTC	6.24	0.26	0.00	8.04	0.00	0.43	4.09	0.25	0.40	8.02	0.20	0.20	5.82	-0.14	0.08	
ACMCFT	6.19	-0.14	0.26	8.14	0.65	0.43	3.98	-0.47	0.33	7.96	-0.22	0.20	5.87	0.24	0.35	
AH9CPE	6.27	0.48	1.94	8.01	-0.23	0.83	4.81	5.14X	4.87	7.90	-0.58	0.74	6.27	3.13	0.35	
AP7294	6.21	-0.03	0.19	8.01	-0.21	0.32	4.00	-0.34	0.33	7.97	-0.11	0.15	5.78	-0.43	0.28	
AWLKQH	6.28	0.57	0.54	8.14	0.67	1.09	4.04	-0.07	0.66	8.09	0.65	0.28	5.76	-0.53	0.54	
BJFX47	6.17	-0.32	0.27	7.99	-0.39	0.31	4.11	0.39	0.26	8.04	0.33	0.43	5.76	-0.52	0.53	
D3JEC9	6.17	-0.37	0.97	8.00	-0.30		4.03	-0.11	1.10	8.00	0.06		5.80	-0.26	0.00	
DN8LY4	6.18	-0.23	0.19	8.08	0.25	0.21	4.04	-0.09	0.11	8.06	0.42	0.08	5.87	0.27	0.08	
DQ7BQB	6.15	-0.48	0.26	8.10	0.37	0.32	3.90	-1.04	0.22	7.99	-0.03	0.20	5.77	-0.50	0.08	
DXAB9R	6.25	0.34	1.34	8.10	0.42	0.83	4.11	0.38	0.58	7.88	-0.71	0.48	5.99	1.11	0.23	
E4CPM3	6.21	-0.03	0.51	8.24	1.37	0.21	3.90	-1.01	0.19	8.12	0.82	0.23	5.89	0.36	0.08	
EXPURP	6.20	-0.11	0.51	7.98	-0.46	0.66	4.09	0.25	0.40	7.88	-0.69	0.60	5.89	0.41	0.31	
F24RXR	6.33	1.02	4.09	8.04	-0.05	1.78	4.22	1.15	2.31	7.81	-1.15	1.56	6.01	1.26	0.13	
F88X73	6.21	-0.03	0.76	7.90	-1.00	1.24	4.07	0.14	1.63	7.79	-1.26	1.13	5.68	-1.13	1.46	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
GZKAAC	6.26	0.43	0.17	8.10	0.39	0.21	4.03	-0.14	0.19	8.00	0.06	0.13	5.89	0.39	0.13	
HPYJ8K	5.94	-2.32	0.35	7.72	-2.23	0.24	4.00	-0.34	0.33	7.58	-2.59	0.43	5.80	-0.29	0.31	
J399Q8	6.21	0.03	0.54	8.15	0.74	0.41	4.03	-0.14	0.50	8.02	0.20	0.28	5.88	0.34	0.47	
JCNAXZ	5.97	-2.07	0.26	7.61	-3.04	1.40	3.69	-2.41	1.62	7.69	-1.89	1.93	5.31	-3.78X	0.28	
JFNKUZ	6.19	-0.17	0.73	8.00	-0.30	0.36	4.00	-0.32	0.58	7.96	-0.20	0.13	5.80	-0.26	0.61	
JWY2Z3	6.25	0.34	0.34	8.09	0.35	1.65	4.23	1.22	0.99	8.14	0.97	1.06	5.83	-0.07	1.11	
KAZDQL	6.23	0.17	0.00	8.08	0.25	0.00	4.12	0.47	0.00	8.07	0.50	0.00	5.86	0.17	0.00	
KFLAB3	6.50	2.44	0.49	8.42	2.64	1.17	4.25	1.33	0.58	8.24	1.58	0.96	6.18	2.51	0.55	
KY397Z	6.30	0.77	1.54	7.30	-5.19X	5.26	4.04	-0.09	1.55	7.07	-5.87X	0.15	5.92	0.63	2.66	
L3RDNV	6.30	0.77	0.00	8.23	1.32	1.19	4.20	1.01	0.00	8.13	0.90	0.77	6.03	1.42	0.77	
LDE88J	6.15	-0.48	0.42	8.07	0.19	0.36	4.11	0.43	0.11	8.20	1.30	0.15	5.78	-0.41	0.00	
N4LJHU	6.21	-0.03	0.35	8.09	0.32	0.21	4.04	-0.05	0.48	7.97	-0.16	0.90	5.81	-0.21	0.54	
N7PATF	6.24	0.23	0.80	7.98	-0.46	1.31	4.24	1.31	1.80	7.99	0.00	0.83	5.71	-0.88	1.53	
N9RCCP	6.22	0.06	0.26	8.10	0.39	0.55	4.05	-0.02	0.72	8.07	0.48	1.27	5.83	-0.04	0.35	
NCQQXU	6.45	2.07	2.72	7.75	-2.02	1.95	3.95	-0.65	0.29	7.98	-0.09	1.66	5.69	-1.08	0.86	
NGAVKW	6.28	0.61	0.10	7.92	-0.88	0.09	4.30	1.69	1.10	7.93	-0.40	0.15	5.84	0.02	0.29	
P4GNCT	6.20	-0.06	0.54	8.01	-0.23	0.21	3.90	-1.04	0.29	7.92	-0.45	0.23	5.70	-0.98	0.23	
PWZY2Z	6.18	-0.26	0.77	8.12	0.51	1.45	4.14	0.61	0.50	8.00	0.06	0.87	5.89	0.41	0.08	
PXVG32	6.20	-0.06	0.68	8.09	0.35	0.43	4.26	1.44	1.43	8.03	0.27	0.08	5.97	0.97	1.66	
Q4W662	6.23	0.14	0.39	7.85	-1.37	0.72	4.27	1.49	0.69	7.69	-1.94	0.28	5.89	0.41	0.31	
QBYA4C	6.19	-0.17	0.29	8.03	-0.07	0.43	4.04	-0.05	0.40	8.02	0.16	0.08	5.83	-0.07	0.20	
R3H93T	6.26	0.45	0.35	8.15	0.76	0.52	4.15	0.65	1.88	8.07	0.52	0.20	5.89	0.36	0.60	
T4QPTC	6.23	0.17	0.17	8.12	0.51	0.43	4.03	-0.16	0.11	8.03	0.25	0.13	5.80	-0.26	0.27	
T6YRMN	6.28	0.60	0.45	7.97	-0.49	0.52	3.97	-0.54	0.38	7.99	-0.01	0.27	5.70	-1.01	0.67	
U4Z8AM	6.18	-0.23	0.35	8.00	-0.32	0.12	4.05	-0.02	0.29	8.00	0.03	0.20	5.72	-0.84	0.23	
UUC63L	6.32	0.94	0.17	8.04	-0.02	0.21	4.05	0.00	0.19	8.02	0.18	0.13	5.85	0.10	0.13	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VP2M8P	6.17	-0.34	1.62	7.87	-1.21	0.90	4.15	0.65	0.48	7.72	-1.72	1.61	5.90	0.44	0.54	
W4W4WN	6.14	-0.61	0.56	7.92	-0.85	0.21	4.00	-0.34		7.92	-0.45	0.27	5.62	-1.54	0.20	
W8VFTN	6.20	-0.09	0.00	8.13	0.63	1.19	4.13	0.56	1.10	8.10	0.69	0.00	5.90	0.46	0.00	
WAV3VQ	5.97	-2.01	0.68	7.76	-1.97	2.48	3.98	-0.47	0.66	7.76	-1.45	0.93	5.90	0.48	0.31	
WP9BVU	6.26	0.40	1.69	8.07	0.21	2.79	4.08	0.20	0.57	8.04	0.29	0.96	6.01	1.28	3.01	
WQ3YEP	6.65	3.71X	0.85	7.52	-3.62X	1.34	5.09	7.03X	2.31	7.02	-6.15X	2.33	6.52	4.94X	0.74	
WU8F2L	6.06	-1.30	0.80	7.36	-4.73X	2.23	4.04	-0.05	2.81	7.44	-3.50X	4.89	5.94	0.75	2.56	
XVUPYR	5.88	-2.78	0.42	7.52	-3.64X	1.64	3.94	-0.74	0.87	7.47	-3.29X	1.10	5.86	0.20	0.43	
Y7AR36	6.33	1.05	0.97	7.97	-0.53	1.19	4.50	3.04		7.93	-0.37	0.77	5.77	-0.50	0.77	
YJVAPG	6.28	0.62	0.26	8.06	0.14	0.63	4.37	2.19	1.05	8.07	0.50	0.48	5.76	-0.53	0.41	
YVBYNL	6.27	0.51	0.45	8.18	0.93	0.43	4.05	0.02	0.11	8.07	0.50	0.23	5.88	0.34	0.50	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Grand Median	6.21			8.04			4.05			7.99			5.84		
Median Abs Dev	0.05			0.06			0.07			0.08			0.06			
Avg Within Lab SD	0.06			0.05			0.05			0.08			0.08			
Labs Included	62			59			61			59			60			
Labs Reporting	63			63			63			63			63			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups																Data units: Unit		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			Sample Mean	Z Score	k Score
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2EENTE	6.45	0.36	0.65	8.00	-0.71	0.23	4.16	-0.26	0.52	8.02	-0.46	0.66	6.00	0.13	0.74			
4872UB	6.41	0.19	1.14	8.30	0.54	0.88	4.20	0.01	0.62	8.19	0.27	1.54	6.02	0.22	0.54			
4GCN7G	6.20	-0.70	0.00	8.47	1.27	0.88	4.13	-0.40	0.94	7.67	-1.98	1.88	6.00	0.13				
4LL4DK	6.33	-0.14	0.61	8.20	0.11	0.76	4.18	-0.13	0.16	8.11	-0.10	1.48	6.07	0.48	0.72			
8WCWE7	6.42	0.23	0.80	8.16	-0.04	0.15	4.20	-0.03	0.66	8.07	-0.26	0.75	6.08	0.53	0.62			
AP7294	6.33	-0.14	0.35	8.14	-0.14	0.09	4.13	-0.42	0.28	8.15	0.07	0.25	6.02	0.22	0.00			
AWLKQH	6.41	0.20	0.42	8.28	0.49	1.14	4.24	0.21	0.09	8.30	0.73	0.56	5.87	-0.50	1.68			
DN8LY4	6.31	-0.21	0.18	8.24	0.29	0.53	4.19	-0.07	0.57	8.11	-0.07	0.52	6.04	0.30	0.33			
GKEW62	6.90	2.30	1.18	8.20	0.13	1.52	4.20	-0.01	1.63	8.40	1.15	1.63	5.80	-0.83	1.02			
JBW7BL	6.43	0.28	1.26	8.38	0.89	2.11	4.72	3.06	1.28	8.37	1.03	2.26	6.22	1.17	1.05			
JCNAXZ	5.99	-1.58	1.00	7.69	-2.06	0.55	3.77	-2.52	1.09	7.73	-1.72	1.06	5.45	-2.52	0.83			
JFWBAY	6.22	-0.60	0.30	8.11	-0.24	1.52	4.72	3.03	0.93	8.15	0.10	0.82	5.92	-0.24	0.26			
KJKNYR	6.28	-0.38	0.08	7.97	-0.87	0.88	4.27	0.40	2.70	8.03	-0.44	0.47	5.65	-1.57	1.98			
KY397Z	6.42	0.24	0.85	7.02	-4.91X	0.09	4.18	-0.11	1.37	7.29	-3.58X	0.19	6.14	0.78	0.12			
LDE88J	6.28	-0.36	0.24	8.29	0.50	0.18	4.20	-0.01	0.99	8.31	0.77	0.28	5.90	-0.35	0.00			
LKWK4W	6.36	-0.03	0.71	8.14	-0.14	0.18	4.21	0.03	0.25	8.09	-0.16	0.52	5.97	0.00	0.26			
N9RCCP	6.39	0.11	0.12	8.18	0.04	0.40	4.20	0.01	0.50	8.30	0.74	0.09	5.98	0.03	0.27			
P4GNCT	6.26	-0.46	0.07	8.08	-0.40	0.32	4.12	-0.50	0.19	8.05	-0.36	0.09	5.88	-0.46	0.41			
Q8A62T	6.06	-1.30	0.12	7.98	-0.83	0.78	3.97	-1.34	0.25	7.75	-1.61	0.34	5.59	-1.82	0.16			
QBB8RU	6.43	0.30	0.18	7.68	-2.09	0.23	4.27	0.42	0.34	7.84	-1.23	0.25	5.89	-0.40	0.10			
R3H93T	6.37	0.03	0.31	8.27	0.41	0.61	4.21	0.05	0.65	8.26	0.57	0.09	5.97	-0.02	0.37			
RVAVVW	6.29	-0.33	0.07	8.05	-0.53	0.09	4.09	-0.64	0.25	8.09	-0.19	0.09	5.83	-0.70	0.06			
WAV3VQ	6.76	1.70	1.36	8.19	0.10	2.15	4.26	0.36	0.38	8.20	0.29	0.25	6.35	1.82	1.29			
WU8F2L	6.01	-1.51	0.12	7.08	-4.66X	1.56	4.25	0.30	2.65	7.51	-2.67X	3.34	6.24	1.28	3.15			
XVUPYR	6.10	-1.13	0.61	7.76	-1.74	0.72	4.10	-0.60	0.33	7.80	-1.40	1.75	6.11	0.64	1.55			
XYT2VR	6.46	0.40	0.14	8.32	0.66	0.38	4.40	1.17	0.91	8.33	0.84	0.41	5.82	-0.75	0.24			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115			
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	
YB6NJH	6.97	2.58	4.14	7.97	-0.87	2.32	4.40	1.17	0.00	8.30	0.73	1.63	6.87	4.28X	3.87	
ZBK84F	6.62	1.12	0.09	8.50	1.43	0.05	4.48	1.62	0.08	8.20	0.29	0.07	5.91	-0.31	0.01	
pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	6.36			8.17			4.20			8.13			5.97			
Median Abs Dev	0.08			0.12			0.06			0.12			0.10			
Avg Within Lab SD	0.08			0.07			0.06			0.06			0.10			
Labs Included	28			26			28			26			27			
Labs Reporting	28			28			28			28			28			



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	6.02	0.14	0.36	7.58	0.12	0.00	3.91	0.88	0.38	7.70	0.06	0.21	5.24	0.20	0.09	
3QUNDF	6.01	0.00	0.36	7.63	0.55	0.14	3.82	0.08	0.63	7.77	1.26	0.41	5.20	-0.28	0.31	
4W87VF	6.08	0.95	0.21	6.93	-5.87X	27.42	4.05	2.23	0.15	7.70	-0.06	0.21	5.24	0.28	0.09	
8WYBTC	5.94	-0.95	0.21	7.52	-0.40	0.36	3.84	0.24	0.50	7.70	-0.06	0.55	5.13	-1.21	0.00	
ACMCFT	5.94	-1.05	0.55	7.58	0.12	0.82	3.68	-1.27	0.52	7.67	-0.50	0.41	5.27	0.64	0.41	
AP7294	5.84	-2.45	3.07	7.51	-0.52	0.24	3.73	-0.79	0.52	7.67	-0.57	1.07	5.12	-1.38	0.09	
D3JEC9	6.00	-0.14		7.53	-0.31	1.37	3.87	0.50	1.45	7.67	-0.63	2.07	5.13	-1.16	0.89	
D7KDUT	5.86	-2.10	1.16	7.56	-0.03	0.55	3.73	-0.85	0.63	7.67	-0.57	1.07	5.09	-1.73	0.41	
F88X73	6.06	0.72	0.72	7.53	-0.34	0.71	3.95	1.30	1.00	7.62	-1.51	1.99	5.38	2.08	0.86	
J399Q8	6.02	0.10	0.84	7.57	0.00	0.55	3.79	-0.27	0.58	7.71	0.19	0.36	5.23	0.07	0.32	
KY397Z	6.03	0.29	0.72	7.25	-2.92	0.63	3.81	-0.08	1.02	6.98	-13.69X	0.55	5.22	-0.07	0.79	
LDE88J	6.02	0.10	0.21	7.61	0.43	0.14	3.87	0.50	0.15	7.78	1.51	0.00	5.23	0.11	0.15	
PWZY2Z	5.95	-0.86	0.72	7.55	-0.12	1.07	3.78	-0.37	0.38	7.73	0.63	1.62	5.23	0.15	0.18	
QBYA4C	6.01	0.00	0.00	7.60	0.28	0.36	3.87	0.56	0.29	7.71	0.25	0.75	5.16	-0.77	0.23	
R3H93T	6.05	0.62	0.75	7.65	0.74	0.73	3.90	0.79	0.81	7.77	1.26	0.75	5.27	0.59	0.39	
T4QPTC	6.04	0.48	0.21	7.67	0.98	0.14	3.81	-0.08	0.38	7.78	1.58	0.75	5.24	0.28	0.18	
WU8F2L	5.76	-3.62X	1.37	7.19	-3.50	3.25	3.68	-1.27	3.23	7.18	-9.85X	9.99	5.16	-0.77	3.86	
XM3ABM	5.97	-0.52	1.27	7.58	0.09	0.55	3.81	-0.08	0.52	7.69	-0.13	0.55	5.19	-0.37	0.32	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups																Data units: Unit
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Grand Median	6.01			7.57			3.82			7.70			5.22		
Median Abs Dev	0.04			0.04			0.06			0.03			0.04			
Avg Within Lab SD	0.03			0.04			0.04			0.03			0.07			
Labs Included	17			17			18			16			18			
Labs Reporting	18			18			18			18			18			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4872UB	6.01	-0.01	1.39	7.58	0.29	1.62	3.85	0.02	0.14	7.66	0.08	0.68	5.15	-0.08	0.89	
4HNHLG	6.03	0.18	2.13	7.40	-0.44	0.00	4.93	5.06	3.43	7.47	-0.88	0.66	5.33	0.51	1.66	
7WKAPX	5.83	-1.28	1.07	7.47	-0.16	0.55	3.57	-1.30	0.00	7.64	0.01	0.13	5.09	-0.28	0.38	
8WCWE7	6.03	0.16	1.12	7.56	0.20	0.52	3.80	-0.24	0.24	7.64	-0.01	0.41	5.19	0.05	0.31	
AP7294	5.72	-2.13	1.02	7.45	-0.24	0.75	3.72	-0.60	0.25	7.64	-0.01	0.23	5.12	-0.19	0.61	
KY397Z	5.85	-1.15	0.81	6.80	-2.87	0.42	3.87	0.11	0.07	6.98	-3.35	0.07	6.33	3.76	0.11	
N4LJHU	6.01	0.01	0.18	7.62	0.44	0.12	3.85	0.02	0.03	7.78	0.71	0.13	5.18	0.00	0.13	
N9RCCP	6.08	0.52	0.18	7.51	0.01	0.75	3.85	-0.01	0.03	7.71	0.33	0.17	5.19	0.05	0.17	
P4GNCT	6.04	0.20	1.06	7.54	0.15	0.67	3.85	0.01	0.03	7.62	-0.09	1.16	5.18	0.00	0.23	
RVAVWV	6.00	-0.09	0.11	7.54	0.11	0.12	3.82	-0.14	0.05	7.67	0.14	0.11	5.15	-0.08	0.06	
T6YRMN	6.07	0.43	0.11	7.51	-0.01	0.60	3.85	0.02	0.03	7.67	0.16	0.13	5.13	-0.16	0.06	
WU8F2L	5.74	-1.93	0.47	6.72	-3.19	2.58	3.73	-0.56	0.33	7.18	-2.33	3.07	6.07	2.93	2.78	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	6.01			7.51			3.85			7.64			5.18			
Median Abs Dev	0.04			0.05			0.03			0.03			0.04			
Avg Within Lab SD	0.05			0.05			0.21			0.09			0.09			
Labs Included	12			12			12			12			12			
Labs Reporting	12			12			12			12			12			



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pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit	
SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
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
4KDMN2	5.42		1.26	7.06		1.28	3.53		0.74	7.23		0.86	4.56		0.53
4MJEAM	5.41		0.43	7.10		0.45	3.60		0.28	7.14		0.24	4.56		0.18
WP9BVU	5.46		1.11	7.11		1.07	3.59		1.54	7.20		1.48	4.67		1.64
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit	
SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	5.42			7.10			3.59			7.20			4.56		
Median Abs Dev															
Avg Within Lab SD	0.04			0.09			0.04			0.05			0.07		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
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	
2EENTE	0.29	2.50	1.44	0.14	1.79	1.33	0.22	0.00	0.91	0.41	2.29	0.83	0.04	0.22	1.50	
2WDGYM	0.26	-0.58	0.08	0.11	-0.04	0.33	0.22	0.00	0.00	0.38	0.15	0.06	0.04	-0.25	0.88	
JBW7BL	0.26	0.00	0.60	0.12	0.66	0.58	0.22	-0.16	0.47	0.38	0.00	0.68	0.06	1.83	1.41	
JCNAXZ	0.26	-0.25	0.00	0.11	0.00	0.00	0.22	0.73	1.99	0.37	-0.72	1.07	0.04	0.00	0.00	
XVUPYR	0.26	0.05	1.60	0.10	-0.88	1.67	0.20	-2.48	0.00	0.38	-0.22	1.64	0.03	-1.08	0.00	

Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	0.26			0.11			0.22			0.38			0.040			
Median Abs Dev	0.00			0.01			0.00			0.00			0.002			
Avg Within Lab SD	0.01			0.00			0.01			0.01			0.001			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4HNHLG	7.03	0.00	0.13	7.33	-1.79	1.46	6.87	4.72X	5.95	7.40	-0.82	2.31	6.83	-0.04	2.42	
8MM9GJ	7.03	0.00	0.01	7.47	0.00	0.30	6.55	0.62	1.45	7.53	0.18	0.17	6.87	0.75	0.06	
JFWBAY	6.96	-0.38	0.12	7.49	0.16	2.04	6.47	-0.37	1.58	7.60	0.77	0.46	6.78	-1.17	0.31	
KY397Z	6.80	-1.16	0.02	7.29	-2.31	0.29	6.42	-1.06	0.52	7.34	-1.32	0.74	6.74	-1.95	0.18	
LDE88J	7.53	2.47	2.64	7.45	-0.31	0.25	6.47	-0.37	0.60	7.32	-1.43	0.87	6.51	-6.85X	0.24	
N4LJHU	7.02	-0.05	0.01	7.48	0.08	0.00	6.53	0.37	0.00	7.50	0.00	0.35	6.84	0.11	0.00	
T4QPTC	7.17	0.66	0.03	7.48	0.08	0.67	6.60	1.27	0.89	7.53	0.21	0.00	6.84	0.04	0.07	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	7.03			7.47			6.50			7.50			6.84			
Median Abs Dev	0.08			0.01			0.04			0.10			0.02			
Avg Within Lab SD	0.44			0.04			0.02			0.04			0.09			
Labs Included	7			7			6			7			6			
Labs Reporting	7			7			7			7			7			



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	7.02	0.09	0.40	7.51	0.15	1.73	6.53	-0.74	0.68	7.55	0.63	0.25	6.76	-0.49	1.21	
7XVARJ	6.83	-1.86	0.20	7.39	-1.42	0.31	6.40	-1.92	0.94	7.38	-1.67	1.40	6.61	-1.82	1.60	
ACMCFT	7.00	-0.13	1.06	7.50	-0.02		6.52	-0.77	0.31	7.51	0.18	0.25	6.75	-0.59	0.49	
AH9CPE	6.93	-0.83	2.51				6.81	1.91	0.56				6.86	0.43	1.57	
BJFX47	7.00	-0.09	0.61	7.48	-0.34	0.40	6.58	-0.22	0.17	7.48	-0.23	0.76	6.79	-0.21	0.52	
DN8LY4	6.99	-0.20	0.35	7.50	0.02	0.31	6.64	0.34	0.16	7.51	0.18	0.25	6.80	-0.06	0.18	
DXAB9R	7.13	1.25	1.32	7.56	0.76	0.93	6.74	1.20	0.87	7.56	0.86	0.66	6.92	0.99	0.80	
GZKAAC	7.01	0.02	0.35	7.00	-6.57X		6.63	0.21	0.27	7.00	-6.79X		6.81	0.00	0.32	
JFNKUZ	6.94	-0.76	0.20	7.39	-1.51	0.31	6.60	-0.06	0.81	7.36	-1.86	1.26	6.81	0.00	0.84	
L3RDNV	7.10	0.97	0.00	7.50	-0.02		6.60	-0.06	0.00	7.50	0.00		6.80	-0.09	0.00	
LDE88J	7.00	-0.13	0.20	7.59	1.16	0.54	6.61	0.06	0.31	7.45	-0.63	1.09	6.66	-1.36	0.66	
N7PATF	6.99	-0.17	1.31	7.52	0.26	0.94	6.62	0.13	1.28	7.52	0.24	0.74	6.83	0.16	0.61	
PWZY2Z	7.04	0.33	1.05	7.41	-1.16	0.82	6.56	-0.40	0.16	7.46	-0.50	1.40	6.76	-0.46	0.84	
PXVG32	7.04	0.33	1.05	7.41	-1.16	0.82	6.56	-0.40	0.16	7.46	-0.50	1.40	6.76	-0.46	0.84	
R3H93T	7.05	0.48	0.88	7.54	0.46	0.82	6.65	0.37	0.41	7.54	0.59	0.91	6.84	0.28	0.55	
T4QPTC	7.06	0.51	0.73	7.50	-0.02	0.54	6.64	0.31	0.47	7.50	0.05	0.50	6.81	0.00	0.32	
T6YRMN	6.91	-1.05	0.00	7.43	-0.98	0.82	6.45	-1.42	0.31	7.42	-1.04	0.91	6.69	-1.08	0.37	
U4Z8AM	7.04	0.37	0.20	7.55	0.59	0.31	6.59	-0.19	0.31	7.55	0.63	0.50	6.90	0.86	0.18	
UJTTPM	7.01	-0.02	0.46	7.52	0.29	0.06	6.60	-0.06	0.23	7.50	-0.02	0.18	6.81	0.00	0.18	
VP2M8P	6.80	-2.21	0.00	7.60	1.29	0.00	5.90	-6.55X	0.00	7.63	1.81	2.51	6.70	-1.02	0.00	
W8VFTN	7.23	2.39	2.01	7.50	-0.02		6.83	2.10	3.12	7.50	0.00		7.07	2.37	1.84	
WP9BVU							6.70	0.83	2.25				6.97	1.45	2.12	
WQ3YEP	6.96	-0.52	1.05	7.30	-2.69	0.62	6.54	-0.59	0.41	7.30	-2.76	0.25	6.74	-0.62	1.81	
YJVAPG	7.05	0.44	1.74	7.53	0.41	3.11	6.63	0.21	1.64	7.50	0.00		6.89	0.71	1.02	
ZXBQVP	7.11	1.04	0.53	7.51	0.11	0.54	6.79	1.67	0.78	7.53	0.45	0.25	6.96	1.36	1.21	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	7.01	7.50	6.61	7.50	6.81	
Median Abs Dev	0.04	0.03	0.04	0.04	0.05	
Avg Within Lab SD	0.03	0.02	0.04	0.02	0.03	
Labs Included	24	22	24	22	25	
Labs Reporting	24	23	25	23	25	



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Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
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
4MJEAM	6.90		1.00	7.45		1.00	6.42		1.17	7.47		1.00	6.68		1.24
WP9BVU							6.70		0.79				6.96		0.69
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	6.90			7.45			6.56			7.47			6.82		
Median Abs Dev															
Avg Within Lab SD	0.04			0.01			0.04			0.01			0.03		
Labs Included	1			1			2			1			2		
Labs Reporting	1			1			2			1			2		



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4LL4DK	7.58	1.14	0.50	7.75	-0.58	0.56	7.51	-0.33	0.37	7.64	-1.22	0.89	7.45	-0.19	0.37	
HPYJ8K	7.59	1.26	0.25	7.76	-0.14	0.56	7.60	2.38	0.65	7.71	0.75	1.61	7.54	1.98	0.00	
PWZY2Z	7.55	-0.13	1.15	7.77	0.14	1.72	7.51	-0.33	0.99	7.69	0.28	0.77	7.48	0.66	1.63	
PXVG32	7.54	-0.63	1.76	7.77	0.43	0.32	7.54	0.54	1.98	7.68	0.00	1.34	7.46	0.19	1.35	
U4Z8AM	7.56	0.13	0.25	7.80	1.59	0.56	7.51	-0.23	0.65	7.68	0.00	0.00	7.44	-0.35	0.65	
W4W4WN	7.53	-0.76	1.10	7.74	-1.16	1.41	7.53	0.23	0.33	7.62	-1.79	0.45	7.43	-0.66	0.99	

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	7.55			7.76			7.52			7.68			7.46			
Median Abs Dev	0.02			0.01			0.01			0.02			0.02			
Avg Within Lab SD	0.02			0.02			0.02			0.01			0.02			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	6.67	-2.02	1.31	7.28	1.67	1.41	6.24	-0.78	1.01	7.22	0.14	1.34	6.48	-1.58	1.19	
7DQQGH	7.00	1.53		7.20	0.04	0.00	6.77	1.97	1.34	7.20	-0.28	0.00	6.87	1.18	1.71	
F88X73	6.86	0.07	1.08	7.20	-0.04	1.01	6.46	0.35	1.05	7.21	-0.14	1.28	6.69	-0.08	0.59	
LDE88J	6.82	-0.35	0.49	7.16	-0.82	0.40	6.41	0.10	0.00	7.19	-0.57	0.29	6.71	0.08	0.34	
PWZY2Z	6.85	-0.04	0.49	7.19	-0.11	0.93	6.37	-0.10	1.01	7.24	0.50	0.29	6.72	0.13	0.59	
R3H93T	6.86	0.04	1.28	7.26	1.38	1.41	6.25	-0.73	1.01	7.33	2.41	1.55	6.56	-0.99	0.91	

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Grand Median	6.86			7.20			6.39			7.21			6.70		
Median Abs Dev	0.02			0.02			0.10			0.02			0.08			
Avg Within Lab SD	0.02			0.02			0.04			0.02			0.03			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
SRS2111				SRS2112				SRS2113				SRS2114				SRS2115		
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			
JWY2Z3	6.33		1.34				5.92		0.93				6.22		1.28			
XM3ABM	6.30		0.44	6.70		1.00	5.95		1.07	6.73		1.00	6.14		0.61			
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
SRS2111				SRS2112				SRS2113				SRS2114				SRS2115		
Grand Median	6.32			6.70			5.94			6.73			6.18					
Median Abs Dev	0.04			0.01			0.03			0.02			0.03					
Labs Included	2			1			2			1			2					
Labs Reporting	2			1			2			1			2					



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

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	116.00	0.58	0.48	5.43	-0.18	1.17	103.67	0.54	1.53	109.67	0.33	0.74	6.97	0.00	0.17
43XF7D				6.20	0.66								7.10	0.10	
492HCY	128.00	1.54	0.74	6.33	0.80	1.67	104.67	0.64	0.41	123.67	1.36	0.61	7.67	0.54	1.68
4HNHLG	103.70	-0.40	0.28	5.27	-0.36	0.44	90.77	-0.76	1.26	101.03	-0.30	1.16	6.33	-0.49	0.44
4KDMN2	83.61	-1.99	2.01	6.04	0.49	2.09	97.41	-0.09	0.64	98.08	-0.51	1.14	8.96	1.55	1.08
4LL4DK	114.09	0.43	0.91	6.92	1.44	2.06	106.24	0.80	1.17	114.44	0.68	1.20	4.22	-2.13	0.80
7DQQGH	107.03	-0.13	0.59	5.07	-0.58	0.44	98.30	0.00	0.47	102.30	-0.20	0.78	6.20	-0.59	0.58
7XVARJ	93.60	-1.20	0.68	5.10	-0.54	0.50	84.27	-1.42	0.35	95.33	-0.71	1.55	5.90	-0.83	0.29
8MM9GJ	117.50	0.70	0.29	5.74	0.15	0.43	106.45	0.82	0.72	119.15	1.03	0.61	7.24	0.21	0.45
8WCWE7	101.47	-0.57	0.79	4.93	-0.72	0.60	93.77	-0.46	0.79	101.03	-0.30	1.46	5.93	-0.80	0.34
BJFX47	103.83	-0.38	0.54	7.02	1.55	0.25	95.64	-0.27	0.31	105.40	0.02	0.17	7.05	0.06	0.19
D7KDUT	116.86	0.65	0.22	6.64	1.13	1.27	107.79	0.96	0.62	114.01	0.65	0.37	7.70	0.57	0.42
DN8LY4	97.67	-0.88	1.54	1.90	-4.03X	3.05	91.00	-0.74	0.81	91.67	-0.98	1.38	2.73	-3.28X	5.71
DXAB9R	117.53	0.71	0.16	6.93	1.45	0.88	103.80	0.56	0.27	110.82	0.42	0.30	7.92	0.74	0.48
E4CPM3	99.83	-0.70	0.26	5.29	-0.34	0.14	96.43	-0.19	0.19	103.13	-0.14	0.23	6.45	-0.40	0.53
F24RXR	109.00	0.03	0.62	6.34	0.81	0.74	99.63	0.13	1.77	116.41	0.83	2.47	8.00	0.80	0.81
F88X73	108.33	-0.03	1.71	5.57	-0.03	2.05	116.00	1.79	1.77	100.67	-0.32	1.82	6.67	-0.23	1.31
GKEW62	85.63	-1.83	0.74	5.13	-0.51	1.17	89.53	-0.89	1.11	83.23	-1.59	0.33	6.07	-0.70	0.73
HPYJ8K	101.65	-0.56	1.05	4.50	-1.20	0.19	96.29	-0.20	1.81	99.25	-0.43	1.01	5.31	-1.28	2.00
JBW7BL	95.18	-1.07	0.44	5.52	-0.08	0.27	87.50	-1.09	0.39	78.59	-1.93	0.32	7.92	0.74	0.38
JFNKUZ	109.00	0.03	0.58	5.68	0.09	0.53	99.93	0.17	0.68	113.48	0.61	0.46	7.01	0.03	0.05
JFWBAY	94.97	-1.09	0.55	7.00	1.53	0.58	83.67	-1.48	0.41	91.77	-0.97	0.55	7.23	0.21	0.89
KAZDQL	98.10	-0.84	0.00	5.63	0.03	0.00	94.10	-0.42	0.00	98.90	-0.45	0.00	6.88	-0.07	0.00
KY397Z	126.32	1.41	1.45	4.91	-0.75	0.57	109.59	1.14	1.75	114.58	0.69	1.41	5.47	-1.16	0.50
LDE88J	107.40	-0.10	0.21	6.24	0.70	0.25	96.51	-0.18	0.22	102.63	-0.18	0.26	7.19	0.17	0.09
LKWK4W	116.33	0.61	0.58	6.98	1.51	0.93	111.33	1.32	0.62	122.67	1.28	0.14	7.73	0.59	0.67



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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	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
N4LJHU	104.00	-0.37		5.04	-0.61	0.21	96.57	-0.18	0.25	106.33	0.09	0.14	6.19	-0.60	0.09	
NGAVKW	112.14	0.28	0.45	3.72	-2.04	0.67	111.05	1.29	0.21	127.25	1.62	0.91	4.19	-2.15	0.36	
PWZY2Z	104.16	-0.36	0.41	6.24	0.70	0.45	97.24	-0.11	0.23	104.78	-0.02	0.37	7.05	0.06	1.50	
PXVG32	105.77	-0.23	1.64	1.66	-4.29X	0.81	100.06	0.18	0.55	102.42	-0.19	0.07	3.47	-2.71	0.97	
QBB8RU	110.79	0.17	0.09	6.05	0.50	0.09	97.53	-0.08	0.36	110.68	0.41	0.13	6.43	-0.41	0.36	
R3H93T	123.00	1.14	0.70	5.26	-0.37	0.36	116.75	1.87	0.74	124.75	1.43	1.27	6.69	-0.22	0.62	
T4QPTC	95.20	-1.07	0.32	6.03	0.47	0.84	90.43	-0.80	0.28	97.33	-0.57	0.33	6.37	-0.47	0.89	
T6YRMN	99.10	-0.76	2.02	4.66	-1.03	2.10	93.23	-0.51	1.46	98.77	-0.46	1.25	5.14	-1.41	3.02	
U4Z8AM	107.00	-0.13	0.74	6.17	0.62	0.84	92.33	-0.60	0.68	84.67	-1.49	0.14	7.67	0.54	1.68	
W4W4WN	111.97	0.26	0.10	5.37	-0.25	0.17	102.03	0.38	0.06	111.63	0.48	0.09	6.73	-0.18	0.34	
W8VFTN	121.33	1.01	1.54	5.33	-0.29	0.84	101.17	0.29	0.21	104.33	-0.06	0.28	6.83	-0.10	0.84	
WP9BVU	109.67	0.08	3.07	5.53	-0.07	0.33	101.33	0.31	2.65	104.33	-0.06	2.49	7.07	0.08	0.61	
WQ3YEP	109.59	0.07	1.74	5.83	0.25	1.41	103.09	0.48	0.44	107.60	0.18	2.31	7.28	0.24	0.95	
WU8F2L	116.67	0.64	0.82	4.62	-1.06	1.24	106.33	0.81	0.41	119.33	1.04	1.15	6.02	-0.74	1.58	
XVUPYR	92.32	-1.30	0.37	5.35	-0.27	0.05	85.39	-1.31	0.01	88.43	-1.22	0.08	5.96	-0.78	0.06	
Y7AR36	109.07	0.03	0.03	5.57	-0.03	0.44	93.60	-0.48	0.19	106.73	0.12	0.27	7.13	0.13	0.17	
YB6NJH	94.00	-1.17	0.56	5.57	-0.03	0.44	89.67	-0.87	0.16	99.33	-0.42	0.28	8.00	0.80	1.05	
YJVAPG	118.47	0.78	0.46	5.83	0.26	1.10	113.87	1.57	1.26	115.07	0.73	1.14	7.43	0.36	1.46	
YWQCGP	112.33	0.29	0.65	12.15	7.14X	3.65	103.67	0.54	2.91	117.87	0.93	0.66	14.20	5.61X	2.66	
ZWKGAN	133.15	1.95	1.12	5.67	0.08	2.41	125.54	2.76X	0.64	129.58	1.79	0.91	7.80	0.65	2.09	
ZYP8EH	114.53	0.47	0.77	8.43	3.09	0.17	104.53	0.63	0.23	116.07	0.80	0.22	10.47	2.71	0.61	



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups						Data units: mg/kg
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	108.7	5.60	98.3	105.1	6.97	
Median Abs Dev	7.5	0.48	5.5	7.4	0.70	
Avg Within Lab SD	3.6	0.35	3.7	4.1	0.34	
Labs Included	46	44	45	46	45	
Labs Reporting	46	47	46	46	47	



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
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
4GCN7G	108.33	-0.20	1.37	7.33	0.00	0.99	84.00	-0.92		116.67	0.00	1.24	6.00	-0.50	
AH9CPE	111.33	0.03	0.55	14.23	1.99	1.22	93.33	-0.17	0.51	148.00	1.92	0.86	7.23	0.36	1.77
HBJBC9	117.33	0.50	0.36	4.50	-0.82	0.62	109.67	1.15	0.51	119.83	0.19	0.33	5.83	-0.61	0.79
JWY2Z3	110.50	-0.03	1.35	9.03	0.49	0.76	97.50	0.17	0.80	110.83	-0.36	0.76	6.19	-0.36	0.14
L3RDNV	132.00	1.64		64.00	16.37X		113.67	1.47	0.26	294.00	10.84X		8.00	0.90	
TNTQMV	89.75	-1.64	0.94	7.08	-0.07	1.24	93.25	-0.17	1.94	101.83	-0.91	1.42	8.58	1.31	0.46
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	110.9		7.33			95.4			116.7			6.71			
Median Abs Dev	4.5		1.69			6.8			5.8			0.80			
Avg Within Lab SD	2.1		0.58			2.2			2.3			0.63			
Labs Included	6		5			6			5			6			
Labs Reporting	6		6			6			6			6			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2111				SRS2112				SRS2113				SRS2114				SRS2115		
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
MH2JDY	94.11		0.82	5.19		0.63	84.83		0.79	93.46		0.64	5.74		0.12			
UJTTPM	124.37		1.15	8.07		1.27	101.99		1.17	143.17		1.26	10.40		1.41			
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2111				SRS2112				SRS2113				SRS2114				SRS2115		
Grand Median	109.2			6.63			93.4			118.3			8.07					
Median Abs Dev																		
Avg Within Lab SD	1.3			0.12			2.2			1.8			0.25					
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	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	31.50	0.00	0.82	5.50	-0.53	0.56	14.43	-0.77	0.20	3.97	0.26	0.84	8.97	-0.74	1.13
492HCY	36.33	0.84	0.40	8.00	0.96	2.10	19.67	0.85	0.55	3.67	0.00	1.02	13.67	0.88	1.01
4HNHLG	31.70	0.03	2.39	6.77	0.23	2.49	15.40	-0.47	2.03	4.87	1.03	0.37	11.63	0.18	3.01
4LL4DK	33.32	0.32	1.32	8.08	1.01	1.49	21.81	1.52	3.68	5.46	1.54	2.67	11.76	0.22	0.27
7DQQGH	32.47	0.17	0.14	6.83	0.27	0.12	18.70	0.55	0.09	3.47	-0.17	0.10	11.90	0.27	0.35
7XVARJ	40.77	1.61	0.62	15.83	5.64X	1.55	28.90	3.71X	1.34	10.93	6.23X	0.10	19.40	2.86X	2.19
BJFX47	29.80	-0.30	0.10	5.92	-0.28	0.06	16.92	0.00	0.12	3.02	-0.55	0.14	10.36	-0.26	0.05
D7KDUT	20.53	-1.91	0.39	3.57	-1.69	0.19	16.63	-0.09	0.75	1.06	-2.23	0.49	7.22	-1.34	0.46
DN8LY4	28.67	-0.49	1.05	6.00	-0.23		15.67	-0.38	0.55	3.67	0.00	1.02	10.00	-0.39	1.75
E4CPM3	30.79	-0.12	0.03	6.07	-0.19	0.12	17.67	0.23	0.11	3.38	-0.25	0.08	10.77	-0.12	0.10
F88X73	23.30	-1.43	1.14	6.13	-0.16	1.34	12.83	-1.26	0.52	4.30	0.55	0.69	8.81	-0.79	0.50
GKEW62	22.57	-1.56	0.70	5.17	-0.73	0.88	13.53	-1.04	0.39	2.30	-1.17	0.18	8.37	-0.95	0.44
JWY2Z3	25.37	-1.07	0.58	5.40	-0.59	0.57	12.37	-1.41	0.90	2.84	-0.71	0.57	6.42	-1.62	1.36
KAZDQL	25.40	-1.06	0.00	5.80	-0.35	0.00	15.10	-0.56	0.00	3.18	-0.42	0.00	9.41	-0.59	0.00
KY397Z	34.87	0.59	0.24	7.70	0.78	0.73	19.17	0.70	0.39	4.34	0.58	1.02	12.67	0.53	0.83
LDE88J	25.00	-1.13	0.73	5.26	-0.67	0.66	15.79	-0.35	0.59	2.70	-0.83	0.12	9.98	-0.39	0.50
LKWK4W	37.20	0.99	0.25	7.98	0.95	0.80	19.33	0.75	0.27	3.87	0.17	2.86	13.00	0.65	1.75
N4LJHU	28.33	-0.55	0.14	6.38	-0.01	0.12	16.10	-0.25	0.09	3.37	-0.26	0.03	10.03	-0.37	0.10
NGAVKW	25.20	-1.10	0.33	11.86	3.27	1.81	19.89	0.92	1.43	10.82	6.13X	2.15	15.45	1.49	1.54
PWZY2Z	33.01	0.26	3.19	5.73	-0.40	1.15	16.59	-0.10	0.09	3.43	-0.21	0.19	10.15	-0.33	0.18
PXVG32	38.48	1.22	0.17	9.43	1.82	0.81	21.54	1.43	0.62	6.15	2.13	1.92	14.04	1.01	0.24
QBB8RU	27.51	-0.69	0.34	5.90	-0.29	0.41	16.90	0.00	0.32	2.37	-1.11	0.15	5.80	-1.83	0.33
R3H93T	35.03	0.61	2.12	7.47	0.65	1.86	21.17	1.32	1.73	5.36	1.45	1.31	14.07	1.02	1.48
T4QPTC	33.20	0.30	0.36	7.67	0.76	0.12	20.10	0.99	0.33	4.80	0.97	0.31	13.67	0.88	0.79
T6YRMN	34.27	0.48	0.92	7.43	0.62	0.19	20.13	1.00	0.58	4.50	0.72	0.77	12.93	0.63	0.62
U4Z8AM	30.97	-0.09	0.58	6.87	0.29	0.32	16.63	-0.09	0.33	3.77	0.09	0.37	11.47	0.12	0.44



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115			
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	
W8VFTN	29.20	-0.40	0.21	5.30	-0.65	0.21	16.05	-0.27	0.17	3.07	-0.51	0.14	9.30	-0.63	0.19	
WP9BVU	31.73	0.04	0.04	6.40	0.01	0.21	19.80	0.89	0.72	3.33	-0.29	0.10	11.50	0.13	0.80	
Y7AR36	32.63	0.20	0.10	7.23	0.50	0.44	19.17	0.70	0.79	3.70	0.03	0.53	12.60	0.51	0.46	
NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2111		SRS2112		SRS2113		SRS2114		SRS2115								
Grand Median	31.5	6.39	16.9	3.67	11.1											
Median Abs Dev	3.2	0.94	2.3	0.64	1.8											
Avg Within Lab SD	1.5	0.48	1.1	0.57	0.6											
Labs Included	29	28	28	27	28											
Labs Reporting	29	29	29	29	29											



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

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	19.67	-0.27	0.33	5.23	1.60	0.23	60.30	0.21	0.28	24.77	-0.26	1.06	8.20	-0.64	0.79
4W87VF	21.75	0.69	0.01	1.51	-0.24	0.01	53.61	-0.68	0.00	25.95	0.25	0.01	8.89	-0.23	0.01
7DQQGH	20.33	0.04	0.63	1.00	-0.50		59.00	0.03	0.30	25.33	-0.02	0.72	9.00	-0.17	
8WYBTC	18.33	-0.87	0.63	5.00	1.49		34.00	-3.28X	0.30	28.33	1.28	0.72	12.33	1.78	1.04
ACMCFT	19.37	-0.40	0.06	1.47	-0.26	0.11	60.53	0.24	0.51	23.73	-0.71	0.14	9.95	0.38	0.03
BJFX47	19.20	-0.48	0.19	2.40	0.20	1.19	62.57	0.51	0.10	24.03	-0.58	0.52	8.80	-0.29	0.31
D3JEC9	17.87	-1.08	0.26	5.82	1.89	0.31	45.01	-1.82	0.51	24.89	-0.21	0.69	8.64	-0.38	0.21
DN8LY4	18.00	-1.03		1.00	-0.50		54.33	-0.58	0.34	23.33	-0.88	0.72	6.33	-1.74	1.04
DXAB9R	21.00	0.34	1.09	1.33	-0.33	1.13	53.33	-0.72	0.75	26.00	0.27		10.00	0.41	
EXPURP	20.17	-0.04	0.32	1.33	-0.33	0.57	55.83	-0.39	0.43	25.67	0.13	0.36	9.00	-0.17	
F88X73	21.27	0.46	1.15	10.77	4.34X	1.77	44.37	-1.91	0.39	26.27	0.39	0.63	13.50	2.47	1.55
J399Q8	21.40	0.52	2.59	2.30	0.15	1.87	57.23	-0.20	0.70	29.11	1.61	3.32	9.62	0.19	1.01
JFNKUZ	15.79	-2.03	0.65				58.74	0.00	0.09	27.80	1.05	0.66	7.01	-1.34	0.59
JFWBAY	22.33	0.95	1.67	2.67	0.33	1.13	69.67	1.45	0.62	25.00	-0.16	1.25	11.33	1.20	1.04
KY397Z	94.78	33.99X	1.57	39.03	18.35X	1.64	195.38	18.12X	0.68	116.44	39.30X	4.27	40.26	18.16X	1.33
L3RDNV	21.67	0.65	0.63	1.00	-0.50		59.00	0.03		27.00	0.70		11.00	1.00	1.81
LDE88J	18.25	-0.91	0.44	4.41	1.19	0.32	56.69	-0.27	0.49	23.94	-0.62	0.25	8.75	-0.32	0.22
PXVG32	21.97	0.78	0.81	1.45	-0.27	0.50	63.81	0.67	1.10	28.71	1.44	0.82	9.61	0.19	0.64
QBYA4C	17.58	-1.22	0.51	6.23	2.10	0.12	43.07	-2.08	0.33	24.09	-0.55	1.13	9.59	0.17	0.70
R3H93T	18.24	-0.92	2.55	0.85	-0.57	1.13	63.94	0.69	4.02	25.41	0.02	0.15	8.98	-0.18	2.73
T4QPTC	19.00	-0.57		3.67	0.83	1.13	51.67	-0.94	0.17	24.67	-0.30	0.72	8.67	-0.37	1.04
U4Z8AM	19.67	-0.27	0.63	2.00	0.00		63.33	0.61	0.17	26.00	0.27	1.25	9.67	0.22	1.04
VP2M8P	21.00	0.34	0.29				56.43	-0.31	0.33	24.63	-0.32	0.40	6.40	-1.70	0.31
W4W4WN	20.53	0.13	0.27	0.67	-0.66	0.11	58.70	-0.01	0.24	23.17	-0.95	0.19	7.97	-0.78	0.10
WP9BVU	21.53	0.59	0.06	3.10	0.54	2.41	69.77	1.46	1.69	29.43	1.75	1.49	10.00	0.41	0.36
WQ3YEP	24.48	1.93	1.22	0.23	-0.88	0.21	62.51	0.50	0.61	30.88	2.38	0.15	9.61	0.18	0.11



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
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
YJVAPG	20.33	0.04	0.63	2.33	0.17	1.13	63.00	0.56	0.51	24.33	-0.45	0.72	10.33	0.61	1.04

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	20.3			2.00			58.7			25.4			9.29		
Median Abs Dev	1.3			1.00			4.3			1.2			0.65		
Avg Within Lab SD	0.9			0.51			3.4			0.8			0.55		
Labs Included	26			23			25			26			26		
Labs Reporting	27			25			27			27			27		



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4HNHLG	18.25	1.15	1.54	2.17	0.80	2.04	8.04	-6.32X	1.21	24.27	0.79	0.86	9.97	1.25	1.07	
4KDMN2	12.34	-1.45	0.61	1.40	0.23	1.04	47.31	-0.81	1.16	16.87	-0.64	0.85	6.81	0.07	1.04	
AH9CPE	36.07	9.01X	5.95	7.26	4.55X	3.20	63.18	1.41	1.79	44.15	4.65X	1.00	24.27	6.56X	1.95	
DQ7BQB	15.28	-0.16	0.81	0.02	-0.78	0.00	59.71	0.93	0.68	16.22	-0.77	0.03	6.06	-0.20	0.31	
GKEW62	17.63	0.88	1.47	3.47	1.76	0.86	47.40	-0.80	0.94	24.73	0.88	2.10	12.63	2.24	1.90	
Q4W662	15.99	0.16	0.53	0.76	-0.24	0.10	52.76	-0.05	0.22	22.65	0.48	0.35	6.41	-0.07	0.28	
YVBYNL	15.07	-0.25	0.39	0.77	-0.23	0.01	53.43	0.05	0.24	17.71	-0.48	0.10	6.04	-0.21	0.01	

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	15.6			1.08			53.1			20.2			6.61			
Median Abs Dev	1.3			0.69			5.7			3.6			0.55			
Avg Within Lab SD	0.4			0.44			1.5			1.2			0.78			
Labs Included	6			6			6			6			6			
Labs Reporting	7			7			7			7			7			



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2WDGYM				3.79	-0.10	0.11				16.47	-0.30	0.41			
3QUNDF	21.97	0.61	1.04	3.72	-0.13	0.81	35.53	0.60	0.91	15.57	-0.65	1.10	5.58	0.78	0.60
43XF7D	14.00	-1.49		2.80	-0.63		23.60	-1.65		14.30	-1.14		2.80	-0.59	
4HNHLG	20.00	0.09	2.10	6.33	1.28	1.68	33.50	0.22	0.64	18.33	0.44	3.19	8.00	1.98	1.87
7DQQGH	15.33	-1.14	0.46	3.00	-0.53		28.00	-0.82		14.00	-1.26		3.00	-0.50	
7XVARJ	20.33	0.18	0.46	5.33	0.74	0.84	33.33	0.19	0.43	19.33	0.83	0.41	6.00	0.99	
8MM9GJ	19.74	0.02	0.50	3.56	-0.22	0.21	32.80	0.09	0.48	17.35	0.05	0.13	3.99	0.00	0.09
8WCWE7	15.23	-1.17	0.39	2.73	-0.67	0.22	28.37	-0.75	0.45	14.93	-0.90	0.52	2.73	-0.63	0.05
AH9CPE	27.00	1.93	0.80	20.33	8.88X	0.84	35.00	0.50	0.74	26.67	3.70X	0.41	20.33	8.09X	0.54
BJFX47	19.50	-0.04	0.08	4.41	0.24	0.47	36.37	0.76	0.63	18.30	0.42	0.07	4.02	0.01	0.12
DN8LY4	19.67	0.00	0.92	5.67	0.92	0.84	32.33	0.00	0.86	17.67	0.17	0.41	5.00	0.50	
DQ7BQB	20.47	0.21	0.30	2.21	-0.95	0.15	28.27	-0.77	0.19	16.91	-0.12	0.37	3.04	-0.48	0.09
DXAB9R	17.80	-0.49	0.21	3.13	-0.45	0.61	30.70	-0.31	0.45	14.30	-1.14	0.32	3.53	-0.23	0.24
F24RXR	21.63	0.52	2.89	4.66	0.37	3.47	35.28	0.56	4.72	18.31	0.43	3.02	4.78	0.38	2.76
GKEW62	16.33	-0.88	0.86	5.90	1.05	0.29	28.83	-0.66	1.38	17.23	0.01	0.58	5.98	0.98	0.26
HBJBC9	12.50	-1.89	0.40	5.00	0.56	0.73	24.00	-1.57	0.37	16.00	-0.48	0.35	6.10	1.04	0.34
JCNAXZ	24.94	1.39	0.97	3.97	0.00	0.32	37.41	0.96	0.24	17.77	0.22	0.36	3.37	-0.31	0.06
JFNKUZ	14.51	-1.36	0.63	2.66	-0.71	0.77	26.95	-1.02	0.83	15.45	-0.69	0.30	2.73	-0.63	0.23
JFWBAY	22.33	0.70	1.21	5.33	0.74	0.84	32.33	0.00	1.13	14.00	-1.26	0.71	5.33	0.66	0.54
KFLAB3	15.97	-0.97	1.23	2.97	-0.54	0.48	27.55	-0.90	0.43	12.98	-1.66	0.52	2.08	-0.95	0.37
L3RDNV	22.00	0.62		6.00	1.10	1.46	39.00	1.26	0.74	17.00	-0.09		6.00	0.99	0.94
LDE88J	18.04	-0.43	0.65	3.63	-0.18	0.76	30.78	-0.29	0.62	16.83	-0.15	0.45	3.37	-0.31	0.24
NGAVKW	20.46	0.21	0.03	5.20	0.67	0.64	25.54	-1.28	0.15	17.52	0.12	0.93	2.93	-0.53	0.08
Q4W662	20.94	0.33	0.65	3.28	-0.37	0.31	33.49	0.22	0.37	19.15	0.76	0.74	3.66	-0.17	0.24
QBB8RU	18.45	-0.32	0.10	3.49	-0.26	0.07	28.46	-0.73	0.13	17.22	0.00	0.15	3.09	-0.45	0.01
R3H93T	20.12	0.12	1.10	8.96	2.71	2.76	32.82	0.09	0.85	18.79	0.61	2.73	9.35	2.65	3.92



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
T4QPTC	18.67	-0.26	0.46	5.00	0.56		31.33	-0.19	0.43	18.00	0.31		5.00	0.50	
TNTQMV	18.27	-0.37	0.69	4.50	0.29	0.67	28.67	-0.69	0.63	18.80	0.62	0.32	5.43	0.71	0.38
U4Z8AM	19.67	0.00	0.46	2.67	-0.71	0.84	33.00	0.13		15.67	-0.61	0.41	3.00	-0.50	
UJTTPM	21.43	0.47	0.26	9.00	2.73	0.18	34.89	0.48	0.35	19.68	0.96	0.30	5.63	0.81	0.20
W4W4WN	17.40	-0.60	0.35	3.13	-0.45	0.30	30.07	-0.43	0.34	15.00	-0.87	0.26	3.50	-0.25	0.50
WAV3VQ	23.96	1.13	3.13	10.00	3.27X		37.99	1.07	0.01	22.65	2.12	0.83	9.33	2.64	1.08
WP9BVU	26.17	1.71	1.28	4.60	0.34	0.77	44.83	2.36	1.19	20.37	1.23	0.99	5.33	0.66	0.29
WQ3YEP	16.81	-0.75	0.19	3.23	-0.40	0.28	30.74	-0.30	0.10	15.30	-0.75	0.08	3.97	-0.01	0.32
XVUPYR	18.85	-0.21	0.63	4.82	0.46	0.74	25.14	-1.36	0.59	14.37	-1.11	0.39	5.39	0.69	0.22
Y7AR36	17.33	-0.62	0.46	4.00	0.02		29.67	-0.50	0.43	17.33	0.04	0.41	4.00	0.00	
YB6NJH	18.00	-0.44		2.50	-0.80	0.64	30.67	-0.31	0.43	16.00	-0.48		3.13	-0.43	0.84
YJVAPG	17.33	-0.62	0.46	5.67	0.92	0.84	32.00	-0.06	0.74	15.67	-0.61	0.41	5.33	0.66	0.54
YVBYNL	20.64	0.26	0.04	3.48	-0.27	0.03	32.69	0.07	0.24	18.67	0.57	0.04	3.46	-0.27	0.08
YWQCGP	21.48	0.48	1.02	3.97	0.00	1.23	38.07	1.08	1.33	21.13	1.53	0.83	4.63	0.31	0.65
ZWKGAN	26.62	1.83	0.04	8.03	2.20	0.36	44.27	2.25	0.61	21.51	1.68	0.80	11.31	3.62X	0.19
ZYP8EH	16.70	-0.78	0.14	2.70	-0.69	0.15	33.23	0.17	0.31	16.50	-0.28	0.12	1.70	-1.14	0.41

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	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	19.7			3.97			32.3			17.2			4.00		
Median Abs Dev	2.0			1.01			2.9			1.6			1.07		
Avg Within Lab SD	1.3			0.69			1.3			1.4			1.07		
Labs Included	41			40			41			41			39		
Labs Reporting	41			42			41			42			41		



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
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
3QLTGM	2.95		0.05	4.36		0.07	4.80		0.44	10.24		0.05	0.32		0.02
4HNHLG	5.74		1.41	12.43		1.41	10.26		1.34	16.43		1.41	2.13		1.41
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	4.34			8.40			7.53			13.3			1.23		
Median Abs Dev															
Avg Within Lab SD	0.67			0.39			0.56			0.6			0.67		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
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
8WCWE7	14.17		0.71	4.17		0.39	45.40		1.00	20.77		0.38	5.60		0.90
YB6NJH	14.67		1.23	5.60		1.36	49.00			25.00		1.36	5.97		1.09
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	14.4			4.88			47.2			22.9			5.78		
Median Abs Dev															
Avg Within Lab SD	0.9			0.15			1.7			1.5			0.29		
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	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	106.1	0.02	1.64	32.8	-0.72	0.38	78.3	0.00	0.85	82.0	-0.50	0.97	11.1	-0.33	0.31	
7DQQGH	142.7	1.37	0.25	42.0	0.05	0.62	87.7	1.04	0.39	106.3	0.82	0.52	13.0	0.33	0.48	
BJFX47	100.0	-0.21	2.03	40.8	-0.05	0.29	81.0	0.30	0.05	89.3	-0.11	0.02	10.6	-0.49	0.10	
J339F7	41.6	-2.37	0.43	28.3	-1.09	0.27	33.5	-4.97X	0.52	64.5	-1.46	0.31	6.2	-1.97	0.12	
LDE88J	107.1	0.05	0.68	32.8	-0.72	0.39	79.1	0.08	0.18	92.9	0.09	0.29	13.4	0.45	0.10	
R3H93T	105.2	-0.02	0.26	51.0	0.80	2.35	70.5	-0.86	1.12	93.1	0.10	0.68	14.7	0.89	3.04	
T4QPTC	74.7	-1.15	0.25	21.0	-1.71		63.3	-1.66	0.19	60.3	-1.69	0.20	11.0	-0.35	0.48	
W4W4WN	98.2	-0.28	0.64	46.2	0.40	0.05	76.7	-0.18	1.03	89.6	-0.09	0.10	10.7	-0.46	0.07	
WP9BVU	139.0	1.23	0.76	47.1	0.48	1.45	92.5	1.58	2.30	112.3	1.15	2.79	14.8	0.93	0.32	
YJVAPG	107.0	0.05	1.16	50.0	0.72	0.72	75.0	-0.37	0.67	104.7	0.73	0.52	13.7	0.55	0.28	

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg	
	SRS2111		SRS2112		SRS2113	SRS2114	SRS2115
Grand Median	105.7		41.4		78.3	91.3	12.0
Median Abs Dev	6.5		8.6		3.3	11.3	1.4
Avg Within Lab SD	2.3		2.8		3.0	2.9	2.1
Labs Included	10		10		9	10	10
Labs Reporting	10		10		10	10	10



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	26.77	-0.56	1.05	7.10	1.47	0.30	10.10	0.90	0.60	40.73	-1.61	0.61	12.13	0.71	1.57
4HNHLG	40.33	1.23	1.03	4.67	0.09	3.17	14.00	2.34	2.01	51.67	-0.32	0.82	14.33	1.26	0.94
7DQQGH	35.67	0.62	0.78	5.00	0.27		7.67	0.00	1.16	58.33	0.47	1.24	10.33	0.25	0.94
8WCWE7	31.77	0.10	1.64	4.27	-0.14	0.35	6.80	-0.32	0.40	59.23	0.58	1.03	5.63	-0.93	0.41
BJFX47	23.17	-1.04	0.14	6.84	1.32	0.11	8.99	0.49	0.21	48.93	-0.64	0.22	10.27	0.24	0.25
DXAB9R	34.93	0.52	2.92	7.25	1.55	0.63	11.89	1.56	2.20	64.44	1.19	2.17	8.54	-0.20	0.70
F88X73	15.60	-2.04	0.27	6.07	0.88	0.54	10.97	1.22	0.84	41.57	-1.51	1.95	7.97	-0.34	1.32
HPYJ8K	27.78	-0.43	0.19	10.50	3.40X	0.41	7.63	-0.01	0.69	68.63	1.69	0.12	8.98	-0.09	0.09
JFNKUZ	29.99	-0.14	0.34	3.98	-0.30	0.16	7.09	-0.21	0.08	54.32	0.00	0.17	5.13	-1.06	0.29
KY397Z	31.03	0.00	0.40	4.55	0.02	1.11	7.34	-0.12	0.03	53.96	-0.05	1.11	5.11	-1.06	0.73
L3RDNV	74.67	5.77X	0.39	3.00	-0.86		14.00	2.34		111.00	6.68X		13.00	0.93	2.83
LDE88J	25.20	-0.77	0.36	6.68	1.23	0.69	9.89	0.82	0.60	39.25	-1.78	0.13	11.09	0.45	0.26
N7PATF	33.68	0.35	0.62	4.48	-0.02	0.25	7.59	-0.03	0.93	53.25	-0.13	1.29	10.53	0.30	1.02
NGAVKW	33.73	0.36	0.13	2.44	-1.18	0.70	6.85	-0.30	0.26	54.37	0.00	0.25	13.57	1.07	0.13
U4Z8AM	28.33	-0.36	0.39	3.67	-0.48	0.88	7.33	-0.12	1.16	44.33	-1.18	0.31	7.33	-0.50	0.94
W8VFTN	38.66	1.01	0.61	3.91	-0.34	0.08	8.28	0.23	0.20	57.61	0.39	0.56	12.11	0.70	0.28
Y7AR36	20.67	-1.37	0.78	3.00	-0.86		4.33	-1.23	1.16	54.67	0.04	1.12	3.00	-1.59	
YB6NJH	31.00	0.00	0.67	3.97	-0.31	0.18	7.23	-0.16	0.31	55.00	0.08	0.54	4.83	-1.13	0.34
YJVAPG	40.47	1.25	1.21	5.96	0.82	0.96	8.72	0.39	1.39	58.63	0.51	0.91	9.32	0.00	0.63

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	31.0			4.52			7.67			54.3			9.32		
Median Abs Dev	4.1			1.14			0.87			4.1			2.79		
Avg Within Lab SD	1.5			0.66			0.50			1.9			0.61		
Labs Included	18			18			19			18			19		
Labs Reporting	19			19			19			19			19		



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

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QLTGM	299.0	-1.54		83.9	-1.17		188.0	-1.55		331.0	-0.66		149.0	-1.62	
3QUNDF	332.7	0.12	1.23	97.3	0.30	0.61	222.7	0.04	1.05	322.0	-0.97	0.84	176.7	0.06	2.44
43XF7D	384.0	2.65		118.0	2.57		264.0	1.94		429.0	2.81		216.0	2.46	
4HNHLG	319.3	-0.54	1.71	89.0	-0.61	2.10	162.0	-2.74	3.65	339.3	-0.36	2.11	163.7	-0.73	1.61
4KDMN2	288.4	-2.06	0.05	85.6	-0.98	0.38	223.1	0.06	0.04	320.1	-1.04	3.04	163.4	-0.75	1.12
4MJEAM	358.8	1.41	0.30	105.3	1.18	0.00	239.2	0.80	0.71	387.4	1.34	0.23	180.7	0.31	0.51
4W87VF	325.4	-0.24	0.00	95.7	0.13	0.00	188.6	-1.52	0.00	360.9	0.40	0.00	175.6	0.00	0.00
7DQQGH	318.0	-0.60	0.67	98.7	0.45	1.18	206.3	-0.71	0.66	335.7	-0.49	0.30	170.3	-0.32	0.52
8MM9GJ	331.9	0.08	0.24	94.8	0.02	0.47	220.9	-0.04	0.17	384.5	1.24	2.63	167.8	-0.48	0.39
8WCWE7	340.0	0.48	0.77				233.3	0.53	0.91	380.0	1.08	1.03			
8WYBTC	335.9	0.28	0.07	123.8	3.20X	0.73	254.4	1.50	1.16	352.7	0.11	0.78	200.2	1.50	0.78
ACMCFT	338.7	0.42	0.16	96.3	0.20	0.73	219.7	-0.10	0.40	361.3	0.42	0.30	178.3	0.16	0.13
BJFX47	333.2	0.15	0.11	98.5	0.43	0.51	225.3	0.16	0.38	354.5	0.18	0.05	181.5	0.36	0.10
D3JEC9	334.5	0.21	0.26	118.7	2.64	0.30	236.5	0.67	0.12	354.1	0.16	0.90	195.5	1.21	1.07
DN8LY4	313.7	-0.82	0.49	82.3	-1.34	0.67	207.3	-0.66	0.66	321.7	-0.99	1.08	152.3	-1.42	0.35
DQ7BQB	331.2	0.05	0.67	84.5	-1.10	0.45	217.8	-0.18	0.48	390.3	1.44	1.08	340.5	10.03X	1.93
DXAB9R	313.0	-0.85	1.00	96.7	0.23	0.67	205.3	-0.75	0.56	360.0	0.37	0.41	176.3	0.04	0.13
F24RXR	334.3	0.20	1.23	99.0	0.49	1.77	212.7	-0.42	0.87	382.0	1.15	0.91	186.3	0.65	1.02
F88X73	330.3	0.01	1.07	97.0	0.27	1.82	214.3	-0.34	2.11	342.7	-0.24	0.80	175.3	-0.02	2.10
GKEW62	335.7	0.27	1.11	94.3	-0.02	2.48	165.0	-2.60	0.96	378.3	1.02	0.46	180.7	0.31	0.73
HBJBC9	316.3	-0.68	1.26	95.3	0.09	1.68	222.7	0.04	1.80	339.7	-0.35	0.70	163.0	-0.77	1.59
J399Q8	329.4	-0.04	1.25	89.9	-0.51	0.52	240.2	0.85	1.37	344.2	-0.19	1.24	182.5	0.42	1.56
JFNKUZ	328.4	-0.09	0.09	91.4	-0.34	0.18	223.9	0.10	0.46	349.4	0.00	0.17	172.5	-0.19	0.10
JFWBAY	305.0	-1.24	0.35	83.7	-1.19	1.10	203.3	-0.85	0.97	318.3	-1.10	0.31	168.7	-0.43	1.47
KY397Z	330.1	-0.01	0.74	91.0	-0.39	0.31	224.8	0.14	0.40	373.0	0.83	0.36	164.4	-0.69	0.60
L3RDNV	334.0	0.19	0.43	98.0	0.38	0.51	223.0	0.06	0.48	349.3	-0.01	0.21	182.3	0.41	0.35



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LDE88J	351.0	1.02	0.12	97.7	0.35	0.11	225.1	0.15	0.28	340.2	-0.33	0.16	178.9	0.20	0.40	
MH2JDY	326.6	-0.18	0.79	90.7	-0.42	0.99	213.2	-0.40	0.79	320.6	-1.02	0.27	164.1	-0.70	0.24	
NGAVKW	300.1	-1.48	0.12	98.6	0.44	0.63	207.5	-0.65	0.55	342.4	-0.25	0.04	168.9	-0.41	0.18	
Q4W662	304.4	-1.27	0.87	90.2	-0.47	0.30	235.8	0.64	0.29	339.4	-0.36	0.60	172.8	-0.17	0.40	
QBB8RU	330.6	0.02	0.12	86.6	-0.87	0.78	226.6	0.22	0.10	344.7	-0.17	0.21	173.1	-0.15	0.81	
QBYA4C	339.2	0.44	0.27	125.8	3.42X	0.57	237.2	0.71	0.35	349.4	0.00	0.83	198.9	1.41	0.86	
R3H93T	355.9	1.26	1.58	97.4	0.31	1.56	244.6	1.04	1.32	364.6	0.53	1.00	196.7	1.28	1.48	
T4QPTC	353.3	1.14	0.64	97.8	0.36	0.04	232.4	0.48	0.88	382.1	1.15	0.31	196.9	1.30	0.86	
TNTQMV	334.0	0.19	0.73	91.3	-0.35	0.73	200.0	-1.00	0.82	376.3	0.95	1.13	158.7	-1.03	0.92	
U4Z8AM	325.3	-0.24	0.35	91.3	-0.35	0.34	214.0	-0.36	0.42	349.7	0.00	0.36	175.7	0.00	0.69	
UJTTPM	301.7	-1.40	0.08	88.8	-0.63	0.62	202.9	-0.86	0.23	340.4	-0.32	0.34	149.1	-1.62	0.27	
WP9BVU	364.3	1.68	2.44	107.7	1.44	2.76	254.0	1.48	0.69	363.0	0.48	1.49	195.3	1.20	2.42	
WQ3YEP	328.9	-0.07	0.18	90.7	-0.43	0.45	218.6	-0.15	0.48	341.2	-0.29	0.87	172.2	-0.21	0.09	
XVUPYR	246.0	-4.15X	0.49	79.7	-1.62	1.41	141.3	-3.69X	0.13	241.7	-3.81X	1.18	119.1	-3.44X	2.01	
YB6NJH	293.3	-1.82	0.44	77.7	-1.85	0.17	200.0	-1.00	1.58	306.7	-1.52	0.59	150.0	-1.56		
YJVAPG	319.0	-0.55	0.67	95.3	0.09	0.34	220.3	-0.07	1.51	343.7	-0.21	1.03	184.7	0.55	1.47	
YVBYNL	349.0	0.93	0.13	95.5	0.10	0.29	227.0	0.24	0.18	375.6	0.92	1.57	186.1	0.64	0.42	
YWQCGP	339.3	0.45	0.36	89.9	-0.51	0.34	224.7	0.13	1.28	356.7	0.25	0.99	181.0	0.33	0.23	
ZWKGAN	327.9	-0.11	4.08	98.9	0.48	0.29	232.9	0.51	0.37	408.8	2.09	0.97	179.2	0.22	0.36	
ZXBQVP	306.0	-1.19	0.13	85.3	-1.01	0.34	207.0	-0.68	0.16	337.3	-0.43	0.26	163.3	-0.75	0.13	
ZYP8EH	322.7	-0.37	0.39	89.1	-0.60	0.44	201.7	-0.92	0.53	372.1	0.80	0.86	164.8	-0.66	0.65	



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

Data units: mg/kg

	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115
Grand Median	330.2	94.6	221.8	349.5	175.7
Median Abs Dev	9.0	4.1	12.8	12.8	8.4
Avg Within Lab SD	13.1	3.4	6.3	9.7	4.4
Labs Included	46	44	46	46	44
Labs Reporting	47	46	47	47	46



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3QLTGM	2,704.0	-0.65		5,097.0	0.00		452.0	0.21		4,512.0	-0.30		1,385.0	-0.66			
3QUNDF	3,318.3	1.70	0.24	5,279.0	0.21	0.87	498.7	0.73	1.37	4,866.0	0.08	1.18	1,641.0	0.95	0.95		
4HNHLG	14.2	-10.94X	0.01	29.3	-5.98X	0.03	2.3	-4.75X	0.02	29.6	-5.00X	0.03	7.3	-9.34X	0.01		
4KDMN2	2,434.5	-1.68	0.20	4,963.0	-0.16	2.31	416.5	-0.18	0.92	4,445.5	-0.37	3.05	1,323.5	-1.05	1.22		
4MJEAM	3,193.3	1.23	0.21	7,213.3	2.50X	1.47	407.3	-0.28	0.72	6,853.3	2.16	1.17	1,496.7	0.04	0.10		
7DQQGH	3,013.3	0.54	0.76	4,183.3	-1.08	0.72	426.7	-0.07	0.76	3,780.0	-1.07	0.36	1,520.0	0.18	0.41		
8MM9GJ	2,636.6	-0.90	0.22	5,524.6	0.50	0.77	370.3	-0.69	0.57	5,349.0	0.58	1.79	1,311.5	-1.13	0.27		
8WCWE7	2,826.7	-0.18	0.46	5,983.3	1.05	1.77	383.3	-0.54	0.38	6,130.0	1.40	2.28	1,393.3	-0.61	2.04		
8WYBTC	2,872.6	0.00	0.21	4,181.0	-1.08	0.32	577.8	1.60	0.62	3,855.8	-0.99	0.28	1,635.0	0.91	0.18		
ACMCFT	3,004.7	0.50	0.17	5,298.3	0.24	0.19	462.3	0.33	0.14	4,932.3	0.15	0.16	1,576.3	0.54	0.24		
BJFX47	2,973.3	0.38	0.12	5,890.7	0.94	0.28	451.5	0.21	0.43	6,141.7	1.42	0.25	1,470.3	-0.13	0.16		
D3JEC9	2,943.7	0.27	0.19	4,286.3	-0.96	0.24	573.1	1.55	0.31	3,975.6	-0.86	0.42	1,676.9	1.17	0.61		
DN8LY4	2,693.7	-0.69	0.24	3,998.0	-1.30	0.91	432.0	-0.01	0.35	3,927.3	-0.91	0.49	1,328.0	-1.02	0.69		
DQ7BQB	55.8	-10.78X	0.01	106.6	-5.89X	0.01	6.7	-4.70X	0.01	103.8	-4.93X	0.01	21.7	-9.24X	0.00		
DXAB9R	3,033.8	0.62	0.41	5,456.3	0.42	0.53	424.0	-0.10	2.42	5,122.9	0.35	0.64	1,525.0	0.22	0.19		
F24RXR	2,757.0	-0.44	0.75	3,725.3	-1.62	0.50	419.0	-0.15	0.50	3,531.3	-1.33	0.32	1,444.3	-0.29	0.57		
F88X73	2,578.7	-1.13	1.34	4,614.7	-0.57	0.24	573.0	1.55	0.13	4,423.0	-0.39	0.65	1,531.7	0.26	3.61		
GKEW62	2,794.0	-0.30	1.67	4,149.3	-1.12	3.26	359.0	-0.81	0.33	4,213.7	-0.61	1.23	1,431.3	-0.37	0.56		
HBJBC9	2,992.3	0.46	0.96	4,108.7	-1.17	0.95	627.0	2.14	4.31	3,697.7	-1.15	1.34	1,624.3	0.84	1.42		
J399Q8	2,836.8	-0.14	1.12	4,122.8	-1.15	0.58	463.3	0.34	1.14	3,876.8	-0.96	0.58	1,554.3	0.40	1.39		
JFNKUZ	2,762.9	-0.42	0.27	5,452.5	0.42	0.29	417.1	-0.17	0.28	5,238.7	0.47	0.21	1,426.9	-0.40	0.33		
JFWBAY	2,869.7	-0.01	0.41	4,500.3	-0.70	0.16	393.3	-0.43	0.65	4,314.3	-0.50	0.11	1,489.2	-0.01	0.57		
KY397Z	3,153.0	1.07	1.35	5,000.3	-0.11	2.05	444.5	0.13	0.36	4,811.9	0.02	0.85	1,570.2	0.50	0.66		
L3RDNV	3,160.3	1.10	0.28	5,511.0	0.49	0.25	592.0	1.76	0.20	5,545.3	0.79	0.08	1,769.0	1.75	0.40		
LDE88J	3,296.6	1.62	0.11	5,106.0	0.01	0.13	476.8	0.49	0.31	4,776.3	-0.02	0.64	1,490.7	0.00	0.28		
MH2JDY	3,163.7	1.11	1.18	4,063.0	-1.22	0.35	425.4	-0.08	0.35	3,700.0	-1.15	0.89	1,529.3	0.24	0.11		



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NGAVKW	2,805.1	-0.26	0.22	3,997.0	-1.30	0.26	466.0	0.37	0.64	3,772.7	-1.07	0.03	1,467.0	-0.15	0.73	
Q4W662	2,841.2	-0.12	0.17	5,304.8	0.25	0.45	383.3	-0.54	0.07	5,216.6	0.44	0.12	1,395.6	-0.60	0.09	
QBB8RU	2,876.3	0.01	0.04	5,536.3	0.52	0.31	402.1	-0.34	0.03	5,309.6	0.54	0.05	1,459.9	-0.19	0.18	
QBYA4C	2,956.7	0.32	0.20	4,096.0	-1.18	0.15	573.7	1.56	0.56	3,994.9	-0.84	0.23	1,681.6	1.20	0.56	
R3H93T	3,203.0	1.26	2.05	5,509.0	0.49	1.23	522.0	0.99	1.17	5,272.3	0.50	1.03	1,791.3	1.89	2.13	
T4QPTC	3,205.0	1.27	0.22	5,391.7	0.35	0.58	436.4	0.04	0.56	5,343.7	0.58	0.38	1,657.7	1.05	0.27	
TNTQMV	2,789.0	-0.32	0.15	3,893.0	-1.42	1.63	381.3	-0.57	0.54	3,819.3	-1.02	1.27	1,325.3	-1.04	0.22	
U4Z8AM	3,091.3	0.84	0.19	5,518.3	0.50	0.22	566.7	1.48	1.03	5,142.3	0.37	0.31	1,663.7	1.09	0.22	
UJTTPM	2,650.4	-0.85	0.12	4,174.5	-1.09	0.30	387.3	-0.50	0.27	4,092.4	-0.74	0.09	1,367.9	-0.77	0.26	
WP9BVU	3,069.3	0.75	1.94	5,205.3	0.13	1.31	490.3	0.64	0.81	4,620.0	-0.18	1.14	1,616.7	0.79	2.77	
WQ3YEP	2,937.3	0.25	0.07	6,179.3	1.28	0.48	433.3	0.01	0.17	5,823.4	1.08	0.46	1,472.5	-0.11	0.18	
XVUPYR	2,387.0	-1.86	0.52	4,249.7	-1.00	0.31	279.6	-1.69	0.50	3,643.9	-1.21	1.41	1,096.7	-2.48X	1.68	
Y7AR36	2,886.7	0.05	0.46	5,253.3	0.18	0.89	560.0	1.40	1.31	5,106.7	0.33	0.49	1,513.3	0.14	0.62	
YB6NJH	2,600.0	-1.04		5,033.3	-0.08	1.32	393.3	-0.43	1.00	4,900.0	0.11	0.80	1,300.0	-1.20		
YJVAPG	2,739.0	-0.51	0.23	4,989.3	-0.13	0.37	627.3	2.15	1.05	4,662.3	-0.14	0.81	1,721.3	1.45	0.62	
YVBYNL	2,863.6	-0.04	0.85	4,783.9	-0.37	0.88	403.7	-0.32	0.72	4,727.9	-0.07	1.00	1,409.2	-0.51	0.17	
YWQCGP	3,277.7	1.55	0.61	6,127.7	1.22	0.86	482.3	0.55	0.32	5,791.0	1.05	1.44	1,721.0	1.45	0.21	
ZWKGAN	2,703.3	-0.65	4.45	5,810.9	0.84	1.41	396.3	-0.40	0.59	5,527.6	0.77	1.99	1,391.7	-0.62	0.23	
ZXBQVP	2,720.0	-0.58	0.15	5,126.3	0.03	0.32	374.0	-0.65	1.15	5,035.7	0.25	0.16	1,350.3	-0.88	0.21	
ZYP8EH	2,873.0	0.00	0.39	5,220.7	0.15	0.50	384.5	-0.53	0.19	5,155.0	0.38	0.43	1,464.7	-0.16	0.43	

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	2,872.8			5,097.0			432.6			4,794.1			1,490.7			
Median Abs Dev	146.7			439.3			44.8			552.3			97.3			
Avg Within Lab SD	110.5			115.8			15.2			125.6			49.2			
Labs Included	44			43			44			44			43			
Labs Reporting	46			46			46			46			46			



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QLTGM	399.0	-1.05		358.0	-0.29		70.4	-0.26		819.0	-0.45		372.0	-0.79		
3QUNDF	469.7	0.79	2.16	370.0	0.03	1.60	83.3	0.59	4.14	856.7	0.00	1.53	446.7	0.88	2.91	
4HNHLG	3.6	-11.31X	0.01	3.2	-9.59X	0.01	0.9	-4.83X	0.07	7.3	-10.17X	0.01	3.4	-9.03X	0.00	
4KDMN2	37.3	-10.44X	0.02	8.1	-9.46X	0.12	12.3	-4.08X	0.18	69.4	-9.43X	0.28	363.0	-0.99X	3.02	
4MJEAM	452.8	0.35	0.17	427.6	1.54	0.34	74.4	0.00	0.42	990.8	1.60	0.26	409.6	0.05	0.06	
7DQQGH	441.0	0.04	0.21	341.0	-0.73	0.30	76.7	0.15	0.53	847.7	-0.11	0.51	392.3	-0.33	0.27	
8MM9GJ	449.2	0.26	0.25	408.3	1.03	0.78	70.0	-0.29	0.16	954.4	1.17	0.16	407.1	0.00	0.25	
8WCWE7	405.3	-0.88	0.44	378.3	0.25	1.39	66.0	-0.55	0.69	905.3	0.58	0.80	376.3	-0.69	0.99	
8WYBTC	451.8	0.32	0.35	364.4	-0.12	0.34	96.5	1.45	1.04	850.3	-0.08	0.80	435.6	0.63	0.91	
ACMCFT	470.7	0.81	0.12	392.3	0.61	0.96	82.2	0.51	0.56	930.0	0.87	0.29	438.3	0.70	0.20	
BJFX47	392.0	-1.23	0.10	376.8	0.21	0.42	70.2	-0.28	0.35	843.2	-0.16	0.06	358.0	-1.10	0.15	
D3JEC9	454.2	0.39	0.39	367.7	-0.03	0.82	95.2	1.36	0.22	857.3	0.00	0.49	445.8	0.86	1.01	
DN8LY4	422.3	-0.44	0.42	329.3	-1.04	0.51	72.7	-0.11	0.53	790.7	-0.79	1.45	374.3	-0.74	0.83	
DQ7BQB	421.5	-0.46	0.21	381.8	0.34	0.48	42.1	-2.12	0.91	900.9	0.53	0.96	379.8	-0.61	0.26	
DXAB9R	452.0	0.33	0.48	374.5	0.15	0.81	72.9	-0.10	1.59	886.7	0.36	0.74	429.6	0.50	0.63	
F24RXR	419.3	-0.52	0.30	336.3	-0.86	0.57	76.3	0.13	0.80	834.3	-0.27	0.31	380.0	-0.61	0.09	
F88X73	421.3	-0.47	0.91	350.7	-0.48	0.96	93.7	1.27	1.22	750.0	-1.28	1.06	405.3	-0.04	1.98	
GKEW62	407.3	-0.83	1.12	308.0	-1.60	2.69	60.5	-0.91	0.20	821.0	-0.43	1.68	374.7	-0.73	0.81	
HBJBC9	477.0	0.98	1.29	388.7	0.52	2.82	125.7	3.37X	2.81	882.0	0.30	1.68	456.7	1.11	1.72	
J399Q8	450.3	0.28	0.92	352.1	-0.44	0.62	82.6	0.54	1.42	868.3	0.13	1.15	452.2	1.01	1.66	
JFNKUZ	430.7	-0.22	0.04	379.3	0.27	0.07	79.1	0.31	0.28	856.3	-0.01	0.19	408.8	0.04	0.22	
JFWBAY	438.3	-0.03	0.27	338.3	-0.80	0.75	72.0	-0.16	1.04	827.0	-0.36	0.25	407.3	0.00	0.49	
KY397Z	443.7	0.12	0.80	368.0	-0.03	0.93	68.3	-0.40	0.07	925.3	0.82	0.72	396.9	-0.23	0.85	
L3RDNV	363.7	-1.96	0.09	329.3	-1.04	0.91	93.7	1.27	1.91	774.3	-0.99	0.52	335.7	-1.60	0.75	
LDE88J	511.4	1.87	0.14	401.8	0.86	0.38	82.0	0.50	0.14	967.9	1.33	0.67	431.6	0.55	0.09	
MH2JDY	440.3	0.03	0.85	303.3	-1.72	0.53	54.2	-1.32	0.37	770.0	-1.04	0.36	385.9	-0.48	0.33	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NGAVKW	430.7	-0.22	0.14	340.0	-0.76	0.46	86.7	0.81	0.40	796.1	-0.73	0.20	416.4	0.20	0.07	
Q4W662	429.2	-0.26	0.29	375.9	0.18	0.30	66.0	-0.55	0.13	915.2	0.70	0.25	415.3	0.18	0.27	
QBB8RU	453.8	0.38	0.22	384.2	0.40	0.76	73.7	-0.04	0.54	918.8	0.74	0.23	413.8	0.15	0.22	
QBYA4C	448.1	0.23	0.50	362.5	-0.17	0.58	91.7	1.14	1.03	843.5	-0.16	0.48	448.7	0.93	0.36	
R3H93T	501.0	1.60	0.99	413.1	1.16	1.70	91.3	1.11	0.58	950.0	1.11	0.74	491.9	1.89	1.00	
T4QPTC	478.2	1.01	0.27	383.6	0.38	0.44	83.7	0.61	0.43	937.5	0.96	0.44	455.6	1.08	0.31	
TNTQMV	402.0	-0.97	0.30	324.7	-1.16	0.83	63.7	-0.71	0.40	819.3	-0.45	0.44	365.0	-0.94	0.84	
U4Z8AM	479.3	1.04	0.26	397.0	0.73	0.11	91.7	1.13	0.40	903.3	0.55	0.14	455.7	1.08	0.13	
UJTTPM	391.4	-1.24	0.16	316.1	-1.39	0.14	64.1	-0.68	0.64	735.9	-1.45	0.08	371.0	-0.81	0.25	
WP9BVU	491.0	1.34	2.21	409.3	1.06	1.47	89.7	1.00	0.72	870.0	0.16	2.83	476.3	1.55	2.52	
WQ3YEP	448.3	0.23	0.35	398.6	0.78	0.44	76.3	0.13	0.58	926.9	0.84	0.71	425.1	0.40	0.13	
XVUPYR	397.7	-1.08	0.79	309.4	-1.56	0.67	50.0	-1.60	1.35	687.3	-2.03	1.61	329.1	-1.75	2.24	
Y7AR36	432.0	-0.19	0.53	372.7	0.10	1.07	93.7	1.27	0.87	830.0	-0.32	0.58	406.7	-0.01	0.27	
YB6NJH	390.0	-1.28		326.7	-1.11	0.65	65.3	-0.60	0.53	783.3	-0.88	0.98	360.0	-1.06		
YJVAPG	415.3	-0.62	1.01	349.0	-0.52	1.52	86.3	0.78	0.20	780.7	-0.91	1.32	419.3	0.27	0.69	
YVBYNL	443.1	0.10	1.02	357.1	-0.31	0.90	63.6	-0.71	0.94	880.2	0.28	1.41	385.2	-0.49	1.42	
YWQCGP	498.7	1.54	0.70	423.0	1.42	0.49	81.0	0.43	0.92	966.3	1.31	0.96	476.0	1.54	0.60	
ZWKGAN	417.8	-0.56	4.43	411.4	1.11	1.24	70.9	-0.23	0.89	955.4	1.18	2.58	398.1	-0.20	0.75	
ZXBQVP	406.7	-0.85	0.23	363.0	-0.16	0.11	71.0	-0.22	0.60	815.3	-0.50	0.30	374.0	-0.74	0.39	
ZYP8EH	428.9	-0.27	0.54	378.6	0.25	0.92	64.1	-0.68	0.20	918.9	0.74	0.61	401.8	-0.12	0.48	

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	439.3			369.0			74.4			857.0			407.2			
Median Abs Dev	19.0			21.7			8.9			53.3			29.6			
Avg Within Lab SD	17.4			8.9			2.9			21.2			11.7			
Labs Included	44			44			43			44			44			
Labs Reporting	46			46			46			46			46			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QLTGM	15.4	-2.66		15.4	-0.01		5.7	-2.18		133.8	-8.06X		7.6	-1.16	
3QUNDF	37.3	0.10	0.51	12.7	-0.68	0.31	17.3	-0.22	0.22	402.0	-0.79	0.64	16.7	0.44	0.32
4HNHLG	0.2	-4.57X	0.01	0.1	-3.72X	0.00	0.1	-3.12X	0.01	1.8	-11.63X	0.00	0.0	-2.48X	0.00
4KDMN2	45.0	1.06	0.02	17.5	0.50	0.07	20.6	0.32	0.13	417.1	-0.38	2.89	17.8	0.64	0.36
4MJEAM	32.2	-0.55	0.00	13.8	-0.40	0.00	14.6	-0.69	0.50	473.8	1.16	0.28	7.7	-1.15	0.75
7DQQGH	46.0	1.19	1.52	16.0	0.13	2.86	27.0	1.40	2.82	441.7	0.29	0.66	15.7	0.26	0.86
8MM9GJ	34.9	-0.21	0.51	13.2	-0.54	0.41	15.0	-0.62	0.16	488.6	1.56	1.39	8.6	-0.97	0.53
8WCWE7										450.0	0.51	0.71			
8WYBTC	37.5	0.12	0.76	15.5	0.00	0.10	19.6	0.16	0.14	397.2	-0.92	0.25	14.4	0.03	0.22
BJFX47	40.2	0.46	0.18	19.7	1.02	0.13	22.6	0.66	0.27	428.5	-0.07	0.09	16.2	0.35	0.06
D3JEC9	35.3	-0.15	0.40	16.0	0.12	0.11	19.5	0.13	0.11	414.8	-0.44	0.80	14.2	0.00	0.07
DN8LY4	36.0	-0.07	0.76	16.3	0.21	1.36	18.7	0.00	0.43	397.0	-0.92	0.68	18.3	0.73	0.65
DXAB9R	31.8	-0.59	0.92	8.9	-1.59	0.27	14.6	-0.69	1.06	437.3	0.17	0.34	6.6	-1.33	0.98
F24R XR	47.7	1.40	2.16	25.7	2.46	1.36	34.0	2.57	3.60	471.0	1.08	0.38	28.0	2.43X	1.49
F88X73	23.7	-1.62	0.67	14.7	-0.19	0.82	15.3	-0.56	0.57	219.3	-5.74X	0.65	12.0	-0.38	0.56
GKEW62	38.3	0.22	0.60	15.5	0.00	1.14	19.3	0.11	0.07	431.7	0.02	0.34	16.6	0.42	0.31
HBJBC9	52.5	2.00	1.80	30.0	3.51X	1.95	28.7	1.68	2.70	409.0	-0.60	1.25	24.0	1.73	1.12
JFNKUZ	41.3	0.60	0.34	18.4	0.70	0.10	22.6	0.67	0.11	427.3	-0.10	0.18	15.9	0.31	0.10
JFWBAY	20.3	-2.03	0.25	11.7	-0.92	0.31	17.7	-0.17	0.22	162.7	-7.27X	0.34	13.7	-0.09	0.32
KY397Z	35.3	-0.15	0.19	13.6	-0.45	0.27	16.6	-0.35	0.16	491.5	1.64	0.54	8.8	-0.94	0.10
LDE88J	40.6	0.50	0.32	15.2	-0.05	0.19	18.3	-0.06	0.09	427.1	-0.11	0.34	12.0	-0.39	0.31
MH2JDY	36.0	-0.06	0.29	13.6	-0.44	0.64	18.6	-0.01	0.25	418.8	-0.33	0.10	11.9	-0.41	1.43
NGAVKW	34.4	-0.27	0.14	16.0	0.13	0.53	18.0	-0.12	0.22	431.0	0.00	0.33	16.5	0.41	0.18
Q4W662	34.4	-0.27	0.64	13.8	-0.41	0.31	18.7	0.00	0.05	470.5	1.07	0.47	9.8	-0.78	0.28
QBB8RU	26.7	-1.24	0.53	3.5	-2.88	0.16	8.5	-1.71	0.17	437.0	0.16	0.65	1.6	-2.22	0.33
QBYA4C	35.4	-0.14	0.79	14.8	-0.17	0.12	19.8	0.19	0.07	408.1	-0.62	0.75	14.6	0.08	0.16



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R3H93T	37.6	0.13	1.93	16.9	0.35	0.82	23.2	0.76	0.86	432.7	0.04	2.74	19.7	0.98	3.63	
T4QPTC	39.9	0.42	0.19	16.7	0.29	0.13	20.0	0.23	0.10	475.7	1.21	0.18	14.2	0.00	0.07	
TNTQMV	37.3	0.10	0.25	16.0	0.13		18.3	-0.06	0.22	441.7	0.29	0.27	13.7	-0.09	0.65	
U4Z8AM	34.7	-0.24	0.25	15.7	0.05	0.31	19.0	0.06		422.7	-0.23	0.18	14.3	0.03	0.32	
UJTTPM	57.3	2.60	0.39	26.6	2.69	0.98	30.6	2.01	0.70	383.5	-1.29	0.63	24.9	1.88	1.11	
WP9BVU	34.6	-0.24	1.63	14.1	-0.32	0.27	16.7	-0.33	0.42	439.3	0.23	2.31	10.8	-0.59	0.25	
WQ3YEP	43.0	0.81	0.23	22.2	1.62	3.55	32.1	2.25	0.06	457.4	0.71	0.84	15.6	0.25	0.26	
XVUPYR	22.9	-1.71	0.49	8.6	-1.65	0.61	13.1	-0.93	0.55	348.7	-2.23	1.19	6.9	-1.28	0.38	
YB6NJH	34.0	-0.32	0.76	15.3	-0.03	0.31	18.0	-0.11	0.37	386.7	-1.20	0.41	13.0	-0.21		
YJVAPG	37.5	0.12	0.48	16.5	0.26	0.41	19.7	0.17	0.16	406.2	-0.67	0.18	19.2	0.88	0.96	
YVBYNL	41.3	0.59	0.20	19.7	1.01	0.47	20.3	0.27	0.46	378.6	-1.42	0.81	10.4	-0.66	0.07	
YWQCGP	36.8	0.03	0.55	14.8	-0.17	0.67	18.0	-0.12	0.36	457.3	0.71	1.11	11.9	-0.40	0.17	
ZWKGAN	36.5	0.00	3.37	21.5	1.45	1.98	23.3	0.77	1.45	454.9	0.65	1.23	21.8	1.34	2.67	
ZXBQVP	38.7	0.27	0.51	19.3	0.93	0.31	24.0	0.89	0.75	419.7	-0.31	0.11	16.0	0.32	0.97	
ZYP8EH	28.1	-1.06	1.65	36.2	5.00X	0.44	6.1	-2.10	1.23	461.5	0.83	1.16	5.4	-1.54	2.08	

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	36.5			15.5			18.7			431.0			14.2			
Median Abs Dev	2.5			1.7			2.0			23.0			2.4			
Avg Within Lab SD	2.3			1.9			2.7			14.0			1.8			
Labs Included	39			37			39			37			38			
Labs Reporting	40			40			40			41			40			



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg			
SRS2111				SRS2112				SRS2113			SRS2114			SRS2115		
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	
JFNKUZ	242.5		0.99	68.7		1.38	204.9		1.40	222.2		1.31	125.4		0.97	
LDE88J	233.8		1.01	73.7		0.32	208.8		0.19	219.2		0.52	134.5		1.03	
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg			
SRS2111				SRS2112				SRS2113			SRS2114			SRS2115		
Grand Median	238.2			71.2			206.8			220.7			129.9			
Median Abs Dev																
Avg Within Lab SD	1.6			1.3			2.0			1.4			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	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
W4W4WN	211.3		0.50	63.3		1.35	179.0		0.23	151.7		0.50	105.3		1.31	
Y7AR36	225.3		0.53	82.0		1.07	188.0		1.04	177.3		1.65	111.3		0.54	
ZYP8EH	239.3		1.57	77.7		0.21	200.0		1.36	185.7		0.19	126.0			
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	225.3			77.7			188.0			177.3			111.3			
Median Abs Dev																
Avg Within Lab SD	6.1			2.8			4.4			3.1			3.9			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
D7KDUT	0.44		0.09	0.51		0.08	25.23		0.04	0.56		0.36	0.87	-0.28	0.23	
R3H93T	0.38		1.30	0.48		1.98	88.12		1.92	0.29		0.53	1.63	0.00	1.61	
RVAVWV	0.05		0.04	0.07		0.03	1.17		0.00	0.06		0.03	0.09	-0.58	0.03	
VP2M8P				59.83	X	4.18							8.02	2.40	1.02	
W4W4WN	1.90		1.52	1.23		0.26	54.43		0.56	2.00		1.90	1.93	0.11	1.14	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	0.41			0.49			39.8			0.42			1.63			
Median Abs Dev													0.76			
Avg Within Lab SD	0.24			0.23			3.5			0.21			0.18			
Labs Included	4			4			4			4			5			
Labs Reporting	4			5			4			4			5			



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
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
4LL4DK	83.62		0.09	2.36		0.42	43.42		0.39	3.17		0.03	3.89		0.17
D7KDUT	92.41		1.21	3.04		0.90	43.31		0.57	3.63		1.10	5.84		1.21
HPYJ8K	73.77		1.26	3.20		1.06	40.55		1.78	4.25		1.61	3.95		1.49
PWZY2Z	56.65		0.98	2.42		1.38	23.96		0.58	2.93		0.47	3.04		0.54
Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	78.7			2.73			41.9			3.40			3.92		
Median Abs Dev															
Avg Within Lab SD	2.6			0.15			2.4			0.47			0.24		
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		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
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
4LL4DK	187.3	1.45	0.61	40.9	1.95	0.27	136.0	0.73	0.11	82.0	1.10	0.18	92.2	0.39	0.10
D7KDUT	177.6	0.86	0.68	38.5	0.73	0.98	133.7	0.58	0.70	75.5	0.14	0.43	95.1	0.52	0.18
HPYJ8K	163.6	0.00	0.54	36.2	-0.50	0.35	125.2	0.00	1.51	67.0	-1.10	0.37	83.2	0.00	1.35
PWZY2Z	148.2	-0.94	0.82	37.1	0.00	1.43	117.7	-0.50	0.46	67.5	-1.03	1.70	78.6	-0.20	0.15
XVUPYR	161.4	-0.13	1.79	36.8	-0.19	1.35	102.1	-1.56	1.42	74.5	0.00	1.32	31.7	-2.26	1.76

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	163.6			37.1			125.2			74.5			83.2		
Median Abs Dev	14.0			1.0			8.5			7.0			9.0		
Avg Within Lab SD	3.4			1.3			4.0			3.9			2.1		
Labs Included	5			5			5			5			5		
Labs Reporting	5			5			5			5			5		



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4LL4DK	2,829.9	1.37	0.16	6,542.4	0.87	0.26	451.3	0.36	0.05	5,596.0	1.26	0.31	1,192.0	0.45	0.28	
D7KDUT	2,476.5	0.32	0.57	6,609.8	0.94	1.39	435.0	0.00	0.82	5,211.8	0.70	0.77	1,184.5	0.40	0.11	
HPYJ8K	2,294.9	-0.23	0.81	5,259.4	-0.54	0.94	494.0	1.29	0.53	4,454.4	-0.41	1.02	1,126.1	0.00	1.03	
PWZY2Z	1,880.6	-1.46	1.99	4,832.3	-1.01	1.43	416.5	-0.40	1.89	4,048.3	-1.00	1.49	959.0	-1.13	1.88	
XVUPYR	2,370.7	0.00	0.18	5,753.0	0.00	0.30	374.6	-1.32	0.70	4,732.1	0.00	1.01	920.3	-1.40	0.57	

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	2,370.7			5,753.0			435.0			4,732.1			1,126.1			
Median Abs Dev	105.8			789.4			18.5			479.7			66.0			
Avg Within Lab SD	80.2			120.1			35.1			146.1			49.4			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
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	
4LL4DK	364.1	1.13	0.09	348.7	2.10	0.13	69.3	0.02	0.06	710.8	1.60	0.10	311.5	0.20	0.22	
D7KDUT	319.2	-0.59	0.56	320.7	0.03	0.85	65.7	-0.56	0.54	556.3	-1.35	0.85	306.0	0.00	0.11	
HPYJ8K	334.5	0.00	0.75	320.2	0.00	1.15	70.3	0.18	1.01	622.6	-0.08	0.89	313.4	0.27	1.04	
PWZY2Z	294.9	-1.51	2.00	314.0	-0.46	1.66	69.2	0.00	1.66	626.8	0.00	1.79	281.5	-0.90	1.85	
XVUPYR	338.2	0.14	0.32	309.7	-0.78	0.40	52.7	-2.62	0.97	644.6	0.34	0.51	251.8	-2.00	0.66	
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	334.5			320.2			69.2			626.8			306.0			
Median Abs Dev	15.3			6.2			1.1			17.8			7.4			
Avg Within Lab SD	9.5			9.8			3.2			20.2			12.5			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4LL4DK	27.37	0.00	0.20	0.71	-0.34	0.90	18.35	0.93	0.16	3.74	-0.01	0.16	59.45	0.18	0.29
D7KDUT	28.02	0.06	1.02	0.52	-0.92	0.91	17.24	0.00	0.74	4.26	0.33	1.07	61.45	0.66	0.23
HPYJ8K	23.14	-0.37	1.61	0.92	0.29	1.18	17.61	0.31	1.08	3.75	0.00	1.14	58.64	-0.02	1.69
PWZY2Z	15.58	-1.02	0.86	0.82	0.00	0.16	15.19	-1.73	0.84	2.62	-0.72	1.56	48.29	-2.51	1.06
XVUPYR	49.59	1.93	0.77	1.43	1.83	1.39	16.76	-0.41	1.60	7.38	2.31	0.27	58.72	0.00	0.95

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	27.4			0.82			17.2			3.75			58.7		
Median Abs Dev	4.2			0.11			0.5			0.51			0.7		
Avg Within Lab SD	1.2			0.03			0.7			0.35			2.3		
Labs Included	5			5			5			5			5		
Labs Reporting	5			5			5			5			5		



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4LL4DK	2.954	0.00	0.25	0.088		0.08	2.986	0.00	0.34	0.072		0.04	0.510	0.00	0.16
D7KDUT	3.103	0.18	0.47				3.177	0.30	0.64				0.547	0.07	0.20
HPYJ8K	2.501	-0.54	0.41	0.037		0.17	2.720	-0.42	1.73	0.064		0.14	0.429	-0.16	0.30
PWZY2Z	1.903	-1.25	0.41	1.460		1.93	2.357	-1.00	0.42	3.313		1.99	1.820	2.54	2.17
XVUPYR	4.143	1.41	2.09	0.070		0.47	4.027	1.65	1.14	0.140		0.00	0.200	-0.60	0.34
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	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	2.95			0.079			2.99			0.11			0.51		
Median Abs Dev	0.45						0.27						0.08		
Avg Within Lab SD	0.18			0.064			0.16			0.05			0.08		
Labs Included	5			4			5			4			5		
Labs Reporting	5			4			5			4			5		



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4GCN7G	1.17	-0.73	0.41	1.14	-1.23	0.00	1.09	-1.28	0.00	1.09	-1.28	0.40	1.12	-1.14	0.00
4KDMN2	1.29	0.29		1.29	0.56		1.28	0.18		1.28	0.57		1.36	0.71	
7XVARJ	1.22	-0.30	0.81	1.24	-0.11	0.49	1.26	0.00	0.57	1.19	-0.27	0.70	1.20	-0.52	0.57
BJFX47	1.24	-0.16	0.14	1.25	0.00	0.26	1.21	-0.38	0.26	1.21	-0.06	0.56	1.27	0.00	0.03
HPYJ8K	1.30	0.39	1.43	1.27	0.28	0.29	1.32	0.45	0.14	1.29	0.68	0.67	1.33	0.48	0.49
JWY2Z3	1.37	0.94	1.46	1.28	0.44	1.29	1.36	0.73	2.68	1.23	0.15	2.13	1.33	0.51	2.82
LKWK4W	1.13	-1.07	0.41	1.11	-1.54	0.49	1.10	-1.20	0.57	1.11	-1.05	0.70	1.12	-1.11	0.66
N4LJHU	1.26	0.00	0.96	1.24	-0.11	2.17	1.30	0.33	0.20	1.22	0.00	0.35	1.24	-0.19	0.71
NCQXU	1.07	-1.65	0.77	1.06	-2.11	0.42	1.06	-1.51	0.29	1.01	-2.06	1.47	1.05	-1.66	0.32
T4QPTC	1.33	0.60	1.07	1.28	0.40	0.84	1.25	-0.08	0.98	1.26	0.45	0.40	1.30	0.25	0.57
WP9BVU	1.41	1.29	1.46	1.30	0.63	1.46	1.43	1.28	0.98	1.30	0.84	1.06	1.38	0.84	0.33

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups						Data units: g/cm3	
	SRS2111		SRS2112		SRS2113	SRS2114	SRS2115
Grand Median	1.26		1.25		1.26	1.22	1.27
Median Abs Dev	0.07		0.04		0.06	0.06	0.07
Avg Within Lab SD	0.01		0.01		0.02	0.01	0.02
Labs Included	11		11		11	11	11
Labs Reporting	11		11		11	11	11



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7DQQGH	34.0	7.11X	2.48	12.7	-0.06	1.07	55.0	0.00	0.78	38.7	2.02	1.13	8.3	-0.30	0.95	
BJFX47	20.8	-1.31	0.61	12.9	0.39	0.56	71.2	2.21	0.12	32.7	-0.13	0.15	9.6	1.55	0.36	
EXPURP	20.8	-1.31	0.27	12.3	-0.71	0.54	51.7	-0.45	1.37	33.0	-0.01		8.0	-0.80		
F88X73	22.8	-0.07	1.46	12.4	-0.65	1.49	44.5	-1.43	1.06	33.0	0.00	1.47	8.4	-0.20	1.51	
N7PATF	24.0	0.73	1.13	13.8	2.17	0.78	53.8	-0.16	1.32	35.3	0.83	0.88	9.2	0.99	0.88	
Q8A62T	23.0	0.07	1.32	7.5	-10.14X	1.26	55.4	0.05	1.02	29.7	-1.21	0.27	4.3	-6.42X	1.18	
YJVAPG	23.8	0.57	0.64	12.7	0.06	1.19	58.0	0.41	0.78	34.5	0.53	1.30	8.7	0.20	0.95	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	22.9			12.7			55.0			33.0			8.53			
Median Abs Dev	1.0			0.3			3.0			1.5			0.37			
Avg Within Lab SD	1.1			0.5			1.3			1.0			0.61			
Labs Included	6			6			7			7			6			
Labs Reporting	7			7			7			7			7			



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	25.0	-0.19		15.7	0.36	0.78	75.3	-0.08	0.42	34.0	-0.48	0.81	10.3	-0.20	0.68	
3QLTGM	23.1	-0.71	1.63	12.6	-1.17	3.32	75.8	-0.04	1.47	34.9	-0.27	1.87	8.4	-1.57	2.00	
3QUNDF	24.5	-0.32	0.47	14.7	-0.14	0.83	61.4	-1.28	0.87	35.2	-0.20	0.87	9.7	-0.62	0.69	
492HCY	21.3	-1.22	0.49	14.0	-0.48		64.0	-1.06		31.3	-1.10	0.47	9.0	-1.13		
4GCN7G	26.3	0.19	0.49	16.0	0.53		76.7	0.03	0.55	38.0	0.44	0.81	11.0	0.27		
4KDMN2	28.2	0.71	0.20	14.5	-0.25	0.08	51.9	-2.09	0.42	30.1	-1.38	0.26	8.5	-1.47	0.22	
4LL4DK	30.7	1.41	0.31	17.8	1.46	0.54	80.5	0.36	0.26	39.3	0.75	0.10	13.2	1.79	0.17	
4MJEAM	27.2	0.42	2.34	14.7	-0.14	1.03	86.2	0.85	1.10	39.3	0.75	2.44	9.7	-0.66	3.76	
4W87VF	30.1	1.23	0.00	17.3	1.19	0.00	93.2	1.45	0.00	41.5	1.24	0.00	12.8	1.55	0.00	
7XVARJ	28.1	0.68	1.09	12.6	-1.20	0.68	62.7	-1.17	4.00	38.1	0.47	1.22	12.0	0.97	0.31	
8LUCUA	22.7	-0.84	0.49	15.3	0.19	0.78	63.0	-1.14	1.08	31.7	-1.02	1.24	10.7	0.03	0.68	
8WYBTC	24.2	-0.42	0.20	14.4	-0.27	0.61	74.5	-0.16	0.09	33.4	-0.61	0.42	10.6	0.02	0.46	
ACMCFT	24.3	-0.38	0.47	15.4	0.23	0.54	75.5	-0.07	0.24	35.2	-0.21	0.08	10.6	-0.01	0.31	
AH9CPE	22.0	-1.02	2.78	18.3	1.71	1.40	74.6	-0.14	0.25	40.9	1.11	1.70	14.6	2.78X	0.67	
BJFX47	23.7	-0.54	0.64	14.7	-0.14	0.47	81.0	0.40	0.08	37.1	0.24	0.12	10.9	0.20	0.31	
D3JEC9	25.3	-0.10	0.69	15.1	0.10	0.63	77.7	0.12	0.93	36.3	0.05	0.27	11.7	0.74	0.47	
DXAB9R	23.3	-0.66	0.89	12.5	-1.22	0.77	74.2	-0.18	0.73	34.8	-0.30	0.45	9.7	-0.67	0.26	
GZKAAC	32.2	1.83	0.10	18.0	1.53	0.05	87.4	0.96	0.13	42.1	1.38	0.13	9.1	-1.06	0.05	
JBW7BL	30.6	1.38	0.43	16.8	0.94	0.38	98.5	1.91	0.59	42.1	1.38	0.57	10.7	0.09	0.21	
JFWBAY	28.2	0.72	0.99	15.9	0.49	0.34	62.0	-1.23	0.34	36.9	0.18	0.49	10.6	0.01	0.60	
JWY2Z3	26.1	0.12	2.09	15.2	0.11	1.49	81.4	0.44	1.36	37.4	0.30	0.90	10.9	0.17	1.48	
KAZDQL	23.7	-0.55	0.00	14.9	-0.03	0.00	70.1	-0.53	0.00	36.1	0.00	0.00	11.5	0.62		
LDE88J	21.9	-1.06	0.60	14.2	-0.38	0.25	59.8	-1.42	0.27	29.3	-1.56	0.40	8.6	-1.39	0.24	
LKWK4W	23.1	-0.71	0.29	11.6	-1.69	1.44	72.4	-0.34	0.57	31.3	-1.11	1.42	9.5	-0.79	0.27	
N4LJHU	28.3	0.73	0.13	13.8	-0.56	0.16	94.8	1.59	0.16	36.3	0.05	0.12	10.8	0.15	0.07	
N7PATF	28.3	0.74	2.72	16.9	0.98	2.44	71.6	-0.40	1.48	41.3	1.20	2.17	12.0	0.95	2.12	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NCQXU	32.9	2.03	0.66	16.5	0.76	1.06	67.9	-0.72	0.40	36.1	0.00	0.17	7.9	-1.88	1.26	
PWZY2Z	24.8	-0.23	0.37	14.7	-0.12	0.43	82.3	0.52	0.71	35.5	-0.13	0.00	11.1	0.31	0.49	
PXVG32	23.6	-0.58	0.18	12.7	-1.14	0.18	78.4	0.18	1.62	33.9	-0.50	2.73	10.0	-0.43	0.22	
QBYA4C	24.1	-0.44	0.24	14.8	-0.06	0.41	75.9	-0.03	0.50	33.4	-0.63	0.88	10.5	-0.10	0.31	
R3H93T	11.5	-3.98X	1.82	9.5	-2.73X	0.80	84.9	0.74	0.93	27.7	-1.94	1.23	11.3	0.48	1.92	
RVAVWV	77.0	14.41X	2.47	80.5	32.97X	1.72	95.4	1.64	0.36	114.3	18.05X	1.77	36.4	18.06X	1.48	
T4QPTC	27.4	0.48	0.20	16.3	0.67	1.48	83.7	0.64	0.16	39.2	0.71	0.28	11.7	0.76	0.36	
T6YRMN	25.3	-0.11	0.25	15.1	0.09	0.55	73.6	-0.23	0.02	35.0	-0.25	0.32	10.7	0.08	0.54	
UUC63L	28.1	0.68	0.04	15.0	0.03	0.27	73.7	-0.22	0.05	33.5	-0.60	0.15	8.6	-1.41	0.16	
VP2M8P	26.0	0.10	1.06	17.3	1.20	0.16	81.3	0.43	0.61	31.9	-0.98	0.75	10.4	-0.13	0.47	
W8VFTN	23.2	-0.70	0.25	11.3	-1.82	0.39	84.8	0.73	0.45	27.7	-1.95	0.47	7.7	-2.06	0.68	
WP9BVU	26.3	0.19	0.38	12.7	-1.13	1.54	84.0	0.66	1.92	37.4	0.31	0.90	10.5	-0.08	0.31	
XM3ABM	27.0	0.38	0.17	12.8	-1.06	0.47	80.7	0.38	1.27	37.3	0.28	0.94	10.5	-0.10	0.36	
YJVAPG	28.6	0.82	1.20	15.1	0.07	0.20	81.1	0.42	0.30	37.2	0.24	0.21	11.6	0.66	0.60	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	25.7			15.0			76.3			36.1			10.6			
Median Abs Dev	2.4			1.0			5.5			2.2			0.9			
Avg Within Lab SD	1.2			0.7			2.8			1.2			0.9			
Labs Included	38			38			40			39			38			
Labs Reporting	40			40			40			40			40			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	302.7	-1.18	0.23	83.3	-1.20	0.29	192.7	-1.68	0.14	317.7	-1.54	0.40	156.0	-1.36	0.15	
3QLTGM	322.7	-0.37	2.64	113.7	1.54	0.29	219.7	-0.18	2.73	344.0	-0.50	4.37	183.7	0.31	1.50	
492HCY	302.7	-1.18	0.28	85.0	-1.05		198.7	-1.34	0.40	325.3	-1.24	0.63	164.0	-0.88	0.55	
4GCN7G	343.7	0.48	1.09	95.3	-0.12	0.15	224.0	0.07	0.65	367.3	0.42	0.38	176.7	-0.11	0.49	
4KDMN2	314.4	-0.71	0.24	75.9	-1.88	0.37	206.6	-0.90	0.23	304.7	-2.05	0.42	143.2	-2.14	0.05	
4LL4DK	304.6	-1.10	0.32	85.8	-0.98	0.31	188.2	-1.92	0.13	372.6	0.62	0.12	153.4	-1.52	0.23	
4MJEAM	341.0	0.38	0.62	92.7	-0.36	0.26	228.2	0.30	0.39	365.0	0.32	0.98	187.0	0.52	1.06	
4W87VF	300.9	-1.25	0.00	105.1	0.77	0.00	255.3	1.80	0.00	351.1	-0.22	0.00	182.8	0.26	0.00	
7XVARJ	339.4	0.31	3.36	93.9	-0.25	2.74	192.9	-1.66	3.40	363.4	0.26	2.32	179.4	0.06	3.13	
8LUCUA	295.0	-1.49	1.09	84.3	-1.11	0.64	189.3	-1.86	1.08	327.7	-1.14	0.92	150.0	-1.73	0.46	
8WYBTC	331.5	-0.01	0.53	98.7	0.19	0.10	215.4	-0.41	0.35	342.4	-0.57	0.41	171.5	-0.43	0.32	
ACMCFT	300.3	-1.28	0.50	91.0	-0.51	0.91	218.0	-0.27	0.25	321.0	-1.41	0.24	177.3	-0.07	0.49	
AH9CPE	261.9	-2.84X	6.05	120.1	2.12	3.16	210.4	-0.69	0.11	343.1	-0.54	0.86	186.3	0.48	0.33	
BJFX47	339.0	0.30	0.17	95.3	-0.13	0.45	225.1	0.13	0.27	361.1	0.17	0.03	181.5	0.18	0.07	
D3JEC9	327.9	-0.16	0.87	98.3	0.15	0.86	222.8	0.00	0.19	351.8	-0.20	0.28	179.1	0.03	0.42	
DXAB9R	318.7	-0.53	0.82	90.4	-0.56	0.67	221.4	-0.08	0.71	362.4	0.22	0.37	168.9	-0.58	0.66	
EXPURP	312.0	-0.80	0.44	87.3	-0.84	0.29	209.7	-0.73	0.26	344.7	-0.48	0.43	166.0	-0.76	0.80	
GZKAAC	340.3	0.35	0.03	96.4	-0.02	0.01	229.8	0.39	0.03	365.9	0.36	0.04	173.0	-0.33	0.06	
JBW7BL	415.7	3.41X	0.75	117.5	1.88	0.49	263.5	2.26	0.54	462.1	4.14X	0.53	228.4	3.03X	0.58	
JFWBAY	357.1	1.03	1.11	102.3	0.51	0.18	237.2	0.80	0.74	354.7	-0.08	0.45	188.3	0.59	0.48	
JWY2Z3	349.1	0.70	1.59	98.8	0.20	0.38	233.5	0.59	1.40	366.6	0.39	1.30	184.8	0.38	1.17	
KAZDQL	322.0	-0.40		95.4	-0.11	0.00	216.0	-0.38		367.0	0.40		178.0	-0.03		
LDE88J	296.3	-1.44	0.26	92.8	-0.35	0.09	218.1	-0.26	0.24	334.0	-0.90	0.16	138.7	-2.41	0.40	
LKWK4W	311.6	-0.82	0.23	84.5	-1.10	0.45	216.2	-0.37	0.67	344.0	-0.50	1.34	155.9	-1.37	0.05	
N4LJHU	379.0	1.92	0.55	98.1	0.13	0.46	276.0	2.95X	0.25	395.7	1.53	0.20	202.3	1.45	0.23	
N7PATF	347.5	0.64	1.83	106.8	0.91	2.58	214.2	-0.48	1.20	390.5	1.32	1.27	186.5	0.49	2.21	



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NCQQXU	342.1	0.42	1.52	108.6	1.08	0.53	235.3	0.70	1.18	370.0	0.52	0.80	181.4	0.17	0.73	
PWZY2Z	356.5	1.00	0.21	105.6	0.80	0.44	241.1	1.02	0.28	385.6	1.13	0.12	197.9	1.18	1.03	
PXVG32	364.7	1.34	0.66	104.4	0.70	1.05	229.7	0.38	1.24	403.4	1.83	0.74	194.9	0.99	0.39	
Q8A62T	342.0	0.42	0.50	55.0	-3.76X		218.7	-0.23	0.38	388.0	1.23	0.18	154.7	-1.45	0.77	
QBYA4C	329.6	-0.09	0.37	97.7	0.09	0.65	212.8	-0.56	0.38	346.5	-0.40	0.84	175.6	-0.18	0.07	
RVAVWV	313.0	-0.76	0.31	88.0	-0.79	0.45	216.9	-0.33	0.10	353.3	-0.14	0.39	164.2	-0.87	0.24	
T4QPTC	344.9	0.53	0.09	100.0	0.30	0.02	224.9	0.11	0.06	369.5	0.50	0.05	185.9	0.45	0.21	
T6YRMN	327.0	-0.19	0.29	97.4	0.07	0.38	224.0	0.07	0.77	349.3	-0.29	0.77	177.3	-0.07	0.75	
UUC63L	332.0	0.01	0.01	103.0	0.57	0.04	229.0	0.34	0.02	358.0	0.05	0.01	180.0	0.09	0.02	
VP2M8P	343.9	0.49	0.38	106.1	0.85	0.23	235.1	0.68	0.17	356.8	0.00	0.21	176.3	-0.13	0.33	
W8VFTN	327.5	-0.17	0.43	87.0	-0.87	0.25	231.2	0.46	0.34	325.8	-1.22	0.33	178.5	0.00	0.35	
WP9BVU	352.7	0.85	1.31	94.7	-0.18	2.18	243.7	1.16	2.34	377.0	0.80	0.79	179.0	0.03	2.50	
XM3ABM	344.0	0.50	0.29	96.7	0.00	0.89	226.3	0.20	0.26	376.3	0.77	0.42	185.7	0.43	0.61	
YJVAPG	332.0	0.01	0.66	108.0	1.02	1.32	232.3	0.53	1.33	355.0	-0.07	0.69	208.0	1.79	2.39	

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	331.8			96.7			222.8			356.8			178.5			
Median Abs Dev	13.1			6.3			8.3			12.8			7.4			
Avg Within Lab SD	9.1			3.9			8.1			14.3			6.6			
Labs Included	38			39			39			39			39			
Labs Reporting	40			40			40			40			40			



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	3,438.0	1.58	0.12	6,973.3	1.01	0.06	529.0	0.67	0.10	6,903.3	0.19	0.54	1,651.0	0.62	0.17	
3QLTGM	2,856.7	-0.43	0.62	5,590.0	-0.96	1.62	455.3	-0.38	4.48	5,586.7	-1.38	1.48	1,450.0	-0.25	2.29	
492HCY	2,766.7	-0.75	0.55	5,866.7	-0.57	0.28	423.3	-0.83	0.16	5,933.3	-0.97	0.29	1,433.3	-0.32	0.80	
4GCN7G	3,093.0	0.38	0.44	6,325.3	0.09	0.32	434.3	-0.68	0.34	6,659.3	-0.10	0.58	1,499.7	-0.04	0.39	
4KDMN2	2,781.0	-0.70	0.52	8,295.7	2.90X	2.39	397.5	-1.20	0.53	6,909.0	0.19	0.81	1,175.2	-1.43	0.90	
4LL4DK	2,712.3	-0.93	0.41	6,961.5	1.00	0.31	365.0	-1.66	0.08	7,374.5	0.75	0.79	1,280.5	-0.98	0.21	
4MJEAM	3,202.2	0.76	0.94	6,445.3	0.26	0.23	479.3	-0.04	0.27	6,745.8	0.00	0.98	1,654.2	0.63	1.01	
7XVARJ	2,866.0	-0.40	1.75	5,329.0	-1.34	2.04	537.5	0.79	2.35	5,848.0	-1.07	3.56	1,559.0	0.22	2.59	
8LUCUA	2,706.3	-0.95	0.66	5,514.3	-1.07	1.44	419.0	-0.89	0.44	5,587.0	-1.38	0.22	1,251.3	-1.11	0.34	
8WYBTC	2,974.8	-0.02	0.14	5,951.4	-0.45	0.23	499.1	0.24	0.19	6,299.6	-0.53	0.12	1,481.5	-0.11	0.22	
ACMCFT	2,903.0	-0.27	0.33	5,983.3	-0.40	0.40	468.7	-0.19	0.04	6,188.0	-0.66	0.09	1,508.7	0.00	0.48	
AH9CPE	1,821.0	-4.02X	0.26	5,665.0	-0.86	0.84	555.2	1.04	0.38	5,835.7	-1.08	1.83	1,936.3	1.85	0.69	
D3JEC9	2,979.7	-0.01	0.30	6,225.2	-0.06	0.46	500.1	0.26	0.20	6,424.1	-0.38	0.56	1,502.2	-0.03	0.98	
DXAB9R	2,846.4	-0.47	0.21	6,106.0	-0.23	0.69	410.0	-1.02	0.06	6,193.7	-0.66	0.26	1,406.7	-0.44	0.07	
EXPURP	2,947.3	-0.12	0.15	6,449.7	0.27	0.17	458.7	-0.33	0.16	7,199.0	0.54	0.09	1,428.0	-0.34	0.29	
GZKAAC	2,924.2	-0.20	0.05	6,320.3	0.08	0.12	431.7	-0.71	0.01	7,059.4	0.37	0.02	1,465.9	-0.18	0.04	
JBW7BL	3,850.0	3.01	0.61	6,793.1	0.76	0.56	517.6	0.51	0.23	7,489.3	0.88	0.62	1,926.0	1.80	0.44	
JFWBAY	3,066.7	0.29	0.65	7,364.3	1.57	0.25	531.2	0.70	0.23	7,461.7	0.85	0.18	1,584.3	0.33	0.54	
JWY2Z3	3,180.7	0.69	1.94	6,302.3	0.06	1.14	490.1	0.12	1.57	6,817.0	0.08	0.80	1,620.7	0.49	1.65	
KAZDQL	2,960.0	-0.08		6,578.0	0.45		474.0	-0.11		6,826.0	0.10		1,508.0	0.00		
LDE88J	2,599.7	-1.32	0.57	5,485.3	-1.11	0.33	444.0	-0.54	0.15	5,606.3	-1.35	0.12	1,201.3	-1.32	0.97	
LKWK4W	2,767.8	-0.74	0.22	5,622.8	-0.92	0.21	397.5	-1.20	0.29	5,696.7	-1.25	1.54	1,266.9	-1.04	0.17	
N4LJHU	3,269.0	0.99	0.61	6,468.7	0.29	0.72	498.0	0.23	0.14	6,803.7	0.07	0.19	1,603.7	0.41	0.26	
N7PATF	3,271.5	1.00	1.48	6,778.8	0.74	1.56	717.4	3.35X	4.86	7,409.9	0.79	1.41	1,813.7	1.32	2.87	
NCQXU	3,391.3	1.42	0.40	7,873.3	2.30	0.22	507.7	0.37	0.57	7,905.2	1.38	0.69	1,660.0	0.66	0.44	
PWZY2Z	3,241.0	0.90	0.06	6,173.3	-0.13	0.04	585.7	1.48	0.32	6,748.0	0.00	0.07	1,753.7	1.06	1.13	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PXVG32	3,364.5	1.32	0.80	6,200.0	-0.09	0.05	644.7	2.31	0.78	6,765.7	0.02	1.10	1,771.7	1.14	0.83	
Q8A62T	2,985.7	0.01	3.96	6,703.0	0.63	1.91	253.7	-3.25X	0.56	8,034.3	1.53	1.66	1,289.7	-0.94	1.30	
QBYA4C	2,888.4	-0.32	0.22	5,935.6	-0.47	0.22	484.5	0.04	0.24	5,992.0	-0.90	0.16	1,472.4	-0.15	0.17	
RVAVWV	2,758.7	-0.77	0.19	6,183.4	-0.11	0.24	405.3	-1.09	0.17	6,630.0	-0.14	0.86	1,279.6	-0.98	0.14	
T4QPTC	3,132.4	0.52	0.16	6,748.1	0.69	0.20	493.7	0.17	0.29	6,883.0	0.16	0.24	1,675.3	0.72	0.59	
T6YRMN	3,017.3	0.12	0.30	6,420.3	0.22	0.25	487.3	0.08	0.56	6,731.0	-0.02	0.28	1,543.7	0.15	0.78	
VP2M8P	2,984.3	0.01	0.25	4,794.3	-2.10	0.02	432.3	-0.70	0.25	4,764.3	-2.36	0.07	1,366.0	-0.61	0.12	
W8VFTN	2,739.2	-0.84	0.02	5,270.5	-1.42	1.32	410.7	-1.01	0.14	5,703.5	-1.24	1.16	1,345.0	-0.70	0.26	
WP9BVU	3,258.0	0.96	2.00	6,308.0	0.06	3.51	518.3	0.52	1.46	7,061.0	0.37	0.86	1,601.3	0.40	1.13	
XM3ABM	3,176.0	0.67	0.15	7,080.0	1.17	0.73	539.7	0.82	0.18	7,537.7	0.94	0.56	1,630.0	0.53	0.71	
YJVAPG	3,070.3	0.31	0.87	6,008.3	-0.37	0.90	817.0	4.77X	1.20	6,516.7	-0.27	1.07	1,890.3	1.65	0.47	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	2,982.0			6,263.8			481.9			6,745.8			1,508.0			
Median Abs Dev	196.4			362.6			47.3			552.1			142.0			
Avg Within Lab SD	104.3			202.9			36.8			200.9			72.0			
Labs Included	36			36			34			37			37			
Labs Reporting	37			37			37			37			37			



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	452.0	-0.45	0.11	424.0	-0.67	0.11	80.7	-0.22	0.11	968.7	-0.60	0.14	413.3	-0.26	0.24
3QLTGM	439.3	-0.73	2.80	412.3	-1.00	3.59	77.1	-0.47	2.67	996.0	-0.30	4.59	413.7	-0.25	3.22
492HCY	419.3	-1.16	0.16	398.3	-1.40	0.09	69.0	-1.07	0.19	911.7	-1.23	0.27	382.3	-0.80	0.47
4GCN7G	472.7	-0.01	0.49	435.7	-0.33	0.28	76.0	-0.56	0.38	1,023.0	0.00	0.35	418.0	-0.17	0.32
4KDMN2	426.1	-1.01	0.20	441.2	-0.17	0.79	68.8	-1.08	0.52	874.3	-1.65	0.54	346.8	-1.43	1.24
4LL4DK	364.2	-2.34	0.17	373.0	-2.13	0.14	58.3	-1.85	0.02	919.1	-1.15	0.20	317.6	-1.95	0.16
4MJEAM	526.7	1.15	0.71	500.3	1.52	0.41	90.7	0.52	0.47	1,172.2	1.65	1.04	504.2	1.34	0.94
7XVARJ	473.0	0.00	2.16	414.1	-0.95	2.89	65.0	-1.36	2.50	969.1	-0.60	1.84	411.6	-0.29	2.26
8LUCUA	416.3	-1.22	0.45	385.3	-1.78	0.54	82.3	-0.09	0.40	1,034.3	0.13	0.39	369.3	-1.03	0.42
8WYBTC	473.2	0.00	0.33	439.2	-0.23	0.19	91.0	0.54	0.41	961.3	-0.68	0.14	424.7	-0.06	0.23
ACMCFT	448.3	-0.53	0.14	420.7	-0.76	0.29	89.0	0.40	0.19	948.0	-0.83	0.15	429.7	0.03	0.39
AH9CPE	395.9	-1.66	2.69	447.3	0.00	0.39	94.6	0.80	0.21	957.6	-0.72	1.57	481.1	0.94	0.27
D3JEC9	480.0	0.15	0.20	455.0	0.22	0.39	95.9	0.90	0.23	1,007.4	-0.17	0.27	450.7	0.40	0.41
DXAB9R	448.4	-0.53	0.61	433.4	-0.40	0.83	72.1	-0.84	0.21	1,063.4	0.45	0.13	417.9	-0.18	0.22
EXPURP	507.7	0.74	0.67	493.7	1.33	0.59	76.0	-0.56	0.12	1,018.7	-0.05	0.23	451.7	0.42	0.56
GZKAAC	486.2	0.28	0.04	447.9	0.02	0.02	82.8	-0.06	0.04	1,076.6	0.59	0.04	440.8	0.23	0.01
JBW7BL	576.7	2.22	0.40	516.3	1.98	0.48	81.6	-0.15	0.26	1,132.9	1.22	0.41	539.2	1.96	0.48
JFWBAY	453.3	-0.43	0.85	459.3	0.34	0.37	83.9	0.02	0.32	1,022.0	-0.01	0.25	427.9	0.00	0.25
JWY2Z3	519.4	0.99	1.01	463.3	0.46	0.95	92.5	0.65	0.72	1,094.3	0.79	0.38	487.1	1.04	1.20
KAZDQL	457.0	-0.35		448.0	0.02		87.3	0.27	0.00	1,060.0	0.41		436.0	0.14	
LDE88J	450.7	-0.48	0.06	464.0	0.48	0.06	93.3	0.71	0.11	1,061.3	0.42	0.11	384.7	-0.76	0.17
LKWK4W	432.8	-0.87	0.12	404.9	-1.21	0.27	70.8	-0.94	0.25	939.5	-0.92	1.02	388.0	-0.70	0.15
N4LJHU	512.0	0.83	0.36	461.3	0.40	0.46	88.3	0.35	0.09	1,127.7	1.16	0.26	476.0	0.85	0.16
N7PATF	505.5	0.69	1.03	476.5	0.84	0.95	107.9	1.78	2.46	1,110.9	0.97	0.76	479.4	0.91	2.09
NCQXU	462.1	-0.24	0.53	458.7	0.33	0.23	82.3	-0.10	0.46	1,033.1	0.11	0.65	413.0	-0.26	0.36
PWZY2Z	495.2	0.47	0.03	458.7	0.33	0.09	88.4	0.36	0.26	1,070.7	0.53	0.12	475.7	0.84	1.34



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PXVG32	548.0	1.61	0.47	486.3	1.12	0.58	103.4	1.45	0.71	1,111.0	0.97	0.85	491.2	1.12	0.43	
Q8A62T	437.0	-0.78	3.15	406.7	-1.16	1.73	61.3	-1.63	0.11	1,133.7	1.23	0.56	331.0	-1.71	0.56	
QBYA4C	475.6	0.05	0.29	450.2	0.08	0.41	94.1	0.77	0.38	1,007.9	-0.17	0.20	424.5	-0.06	0.12	
RVAVWV	478.6	0.12	0.09	468.9	0.62	0.53	82.1	-0.11	0.26	1,090.0	0.74	0.35	425.7	-0.04	0.31	
T4QPTC	516.9	0.94	0.10	469.4	0.63	0.29	88.4	0.35	0.10	1,096.7	0.82	0.14	467.1	0.69	0.32	
T6YRMN	457.0	-0.35	0.07	432.7	-0.42	0.31	83.6	0.00	0.89	981.7	-0.46	0.41	424.3	-0.06	0.67	
VP2M8P	474.9	0.04	0.16	439.4	-0.23	0.11	81.6	-0.14	0.15	952.2	-0.78	0.15	412.6	-0.27	0.11	
W8VFTN	478.3	0.11	0.12	431.7	-0.45	0.59	76.3	-0.53	0.27	995.0	-0.31	0.70	441.2	0.23	0.38	
WP9BVU	505.3	0.69	0.23	445.0	-0.07	1.90	88.7	0.37	1.27	1,061.3	0.42	0.78	456.3	0.50	1.00	
XM3ABM	494.3	0.46	0.24	472.0	0.71	0.06	95.0	0.84	0.83	1,137.7	1.27	0.27	459.3	0.55	0.73	
YJVAPG	485.3	0.26	0.68	441.3	-0.17	1.28	112.0	2.08	3.38	983.3	-0.44	1.41	567.7	2.46	2.40	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	473.2			447.3			83.6			1,023.0			427.9			
Median Abs Dev	24.8			16.0			7.4			54.3			28.4			
Avg Within Lab SD	23.7			17.8			5.3			45.9			18.7			
Labs Included	37			37			37			37			37			
Labs Reporting	37			37			37			37			37			



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

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	56.0	2.41	1.17	41.7	4.58	0.43	44.7	3.78	0.51	426.3	-0.30	0.04	33.7	1.90	0.76
3QLTGM	31.2	-0.84		11.7	-1.25		13.8	-1.22		348.0	-2.01		33.7	1.90	
492HCY	37.7	0.01	0.26	18.7	0.11	0.43	22.3	0.16	0.28	410.0	-0.66	0.69	17.0	0.15	0.36
4GCN7G	37.7	0.01	1.28	16.3	-0.35	0.86	18.3	-0.48	0.37	453.7	0.30	0.33	12.7	-0.30	0.42
4KDMN2	28.8	-1.14	0.10	19.0	0.18	0.09	19.3	-0.33	0.13	219.7	-4.81X	0.51	18.6	0.31	0.12
4LL4DK	37.1	-0.07	0.26	20.4	0.45	0.31	23.6	0.37	0.08	426.4	-0.30	0.30	16.0	0.04	0.16
7XVARJ	37.2	-0.05	1.37	16.3	-0.36	1.18	16.7	-0.74	0.39	424.5	-0.34	2.59	12.7	-0.30	0.33
8LUCUA	31.7	-0.77	1.55	17.7	-0.09	1.72	17.3	-0.65	0.37	356.7	-1.82	1.16	18.0	0.26	0.97
8WYBTC	38.1	0.07	0.32	18.7	0.12	0.19	22.8	0.24	0.10	446.2	0.13	0.14	15.2	-0.03	0.20
AH9CPE	29.7	-1.03	3.33	21.4	0.63	0.39	23.6	0.36	0.14	389.4	-1.11	2.20	49.6	3.57	1.59
D3JEC9	38.2	0.08	0.53	18.5	0.07	0.12	22.6	0.21	0.08	452.9	0.28	0.52	15.1	-0.05	0.21
DXAB9R	30.9	-0.87	0.11	11.0	-1.39	0.19	14.1	-1.16	0.02	449.8	0.21	0.45	7.4	-0.85	0.01
GZKAAC	43.0	0.71	0.10	43.7	4.98X	0.28	21.0	-0.05	0.03	439.9	0.00	0.02	15.1	-0.04	0.05
JBW7BL	77.0	5.16X	0.56	44.0	5.04X	0.54	74.0	8.52X	0.30	548.4	2.36	0.63	57.5	4.40X	0.35
JFWBAY	20.7	-2.21	0.27	13.9	-0.83	0.59	20.4	-0.15	0.13	204.2	-5.14X	0.22	13.6	-0.20	0.20
JWY2Z3	38.1	0.07	0.13	17.2	-0.18	0.41	24.3	0.48	0.39	410.1	-0.65	0.56	38.8	2.43	0.49
KAZDQL	38.3	0.09	0.00	18.0	-0.02		21.6	0.05	0.00	462.0	0.48		13.9	-0.17	0.00
LDE88J	55.0	2.29	1.22	22.2	0.79	1.15	26.0	0.76	0.60	431.8	-0.18	0.08	18.8	0.34	0.07
LKWK4W	31.3	-0.82	0.15	12.7	-1.06	1.06	15.4	-0.96	0.06	405.6	-0.75	1.47	8.2	-0.78	0.07
N4LJHU	35.4	-0.28	0.28	11.7	-1.25	0.17	16.4	-0.79	0.01	494.3	1.18	0.28	8.3	-0.76	0.05
N7PATF	37.3	-0.04	1.13	20.3	0.43	1.83	22.6	0.20	0.62	405.8	-0.75	1.34	29.0	1.41	3.84
NCQQXU	54.7	2.24	1.66	32.3	2.76	0.76	44.4	3.73	5.16	436.5	-0.08	0.88	22.6	0.74	2.83
PWZY2Z	40.6	0.39	0.57	18.1	0.00	0.07	21.0	-0.05	0.17	479.4	0.86	0.19	15.3	-0.02	0.13
PXVG32	42.1	0.60	0.04	17.6	-0.10	0.83	23.3	0.31	0.12	533.0	2.03	0.70	16.3	0.08	0.03
QBYA4C	37.5	-0.01	0.50	19.2	0.21	0.16	22.0	0.10	0.10	441.5	0.03	0.43	15.8	0.02	0.13
RVAVWV	27.1	-1.37	0.12	16.5	-0.31	0.16	26.3	0.81	0.18	450.9	0.24	0.54	17.0	0.15	0.03



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
T4QPTC	39.2	0.21	0.04	18.5	0.08	0.15	20.7	-0.10	0.10	468.4	0.62	0.19	13.8	-0.18	0.22	
T6YRMN	38.4	0.11	0.60	20.4	0.44	3.31	18.9	-0.39	0.21	438.0	-0.04	0.63	14.3	-0.13	0.99	
VP2M8P	387.7	45.80X	0.73	366.8	67.86X	0.49	366.8	55.91X	0.56	744.6	6.65X	0.57	354.3	35.55X	0.45	
WP9BVU	35.5	-0.28	1.42	13.6	-0.88	0.34	16.2	-0.82	0.44	469.3	0.64	2.06	10.7	-0.51	0.45	
XM3ABM	36.7	-0.12	0.68	15.0	-0.61	0.22	18.7	-0.42	0.17	495.7	1.21	0.47	13.5	-0.22	0.20	
YJVAPG	45.6	1.05	0.97	18.3	0.03	1.55	23.4	0.33	0.50	440.0	0.00	1.24	38.0	2.35	0.33	

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups										Data units: mg/kg	
	SRS2111		SRS2112		SRS2113		SRS2114		SRS2115		
Grand Median	37.6		18.1		21.3		440.0		15.6		
Median Abs Dev	2.6		1.8		2.3		22.0		2.7		
Avg Within Lab SD	2.3		1.3		4.1		14.5		2.7		
Labs Included	30		29		30		29		30		
Labs Reporting	32		32		32		32		32		



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

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	34.0	-0.49		11.3	-0.07	0.69	15.0	0.00		72.3	-0.72	0.38	17.0	0.27	
3QLTGM	39.0	0.57	1.91	10.2	-0.54	1.77	11.5	-1.71	2.48	78.5	-0.03	2.17	14.3	-0.85	1.30
492HCY	31.3	-1.05	0.16	10.0	-0.64		12.7	-1.13	0.58	73.7	-0.57	0.50	14.7	-0.68	0.54
4GCN7G	36.3	0.01	0.41	11.0	-0.21		13.7	-0.64	0.58	84.7	0.67	0.50	16.0	-0.14	
4KDMN2	31.5	-1.01	0.21	12.8	0.58	0.17	12.2	-1.35	0.49	72.9	-0.65	0.42	10.2	-2.51	0.34
4LL4DK	33.0	-0.70	0.07	14.0	1.10	0.17	16.8	0.87	0.20	76.2	-0.29	0.15	18.9	1.05	0.15
7XVARJ	36.3	0.00	0.74	9.4	-0.91	0.89	10.2	-2.33	1.92	79.0	0.03	2.46	15.2	-0.48	0.53
8LUCUA	29.3	-1.47	0.87	13.0	0.65	1.19	14.7	-0.16	0.58	71.7	-0.79	2.76	20.3	1.64	2.16
8WYBTC	35.4	-0.19	0.31	11.4	-0.02	1.10	15.1	0.06	0.33	78.6	-0.01	0.60	16.4	0.01	0.20
ACMCFT	33.2	-0.66	0.03	11.0	-0.23	0.25	13.2	-0.85	0.06	74.2	-0.51	0.12	15.7	-0.26	0.09
AH9CPE	38.0	0.36	4.75	19.5	3.43	2.22	18.7	1.78	1.98	80.3	0.18	1.41	33.5	7.05X	0.49
D3JEC9	36.4	0.01	0.14	11.6	0.03	0.39	15.2	0.08	0.17	80.9	0.25	0.79	16.6	0.12	0.40
GZKAAC	39.9	0.77	0.02	14.9	1.45	0.10	16.8	0.87	0.04	85.4	0.75	0.01	16.6	0.11	0.03
JBW7BL	69.5	7.01X	0.31	33.2	9.32X	0.65	58.5	21.01X	0.98	134.2	6.21X	0.72	48.5	13.18X	0.75
JFWBAY	21.4	-3.15	0.17	12.0	0.23	0.07	12.4	-1.26	0.53	53.6	-2.81	0.49	13.7	-1.09	0.54
JWY2Z3	36.6	0.06	0.62	11.5	0.02	1.19	15.6	0.31	1.34	81.4	0.30	0.48	16.3	-0.03	1.58
KAZDQL	32.7	-0.76	0.00	11.2	-0.13	0.00	13.1	-0.92	0.00	78.4	-0.04	0.00	16.2	-0.06	0.00
LDE88J	35.8	-0.12	0.10	12.3	0.37	0.26	15.3	0.15	0.31	78.7	0.00	0.18	14.9	-0.58	0.38
LKWK4W	29.8	-1.37	0.11	8.4	-1.32	0.15	13.2	-0.88	0.39	71.1	-0.85	1.22	13.5	-1.16	0.14
N4LJHU	34.6	-0.36	0.14	4.3	-3.08	0.34	15.5	0.23	0.12	81.8	0.34	0.35	10.7	-2.33	0.19
N7PATF	36.1	-0.04	0.46	13.4	0.80	1.84	15.0	0.00	1.52	81.4	0.30	0.86	19.9	1.47	3.22
NCQXQU	51.8	3.28	0.48	53.3	18.00X	3.98	13.1	-0.92	2.19	118.7	4.48	0.72	18.9	1.07	1.55
PWZY2Z	36.7	0.08	0.32	10.7	-0.35	0.02	14.9	-0.03	0.71	79.3	0.06	0.03	16.4	0.01	0.71
PXVG32	39.7	0.73	0.52	11.2	-0.12	0.35	17.6	1.25	0.20	102.6	2.67	0.57	17.6	0.53	0.03
QBYA4C	33.7	-0.56	0.22	11.2	-0.11	0.28	14.6	-0.20	0.50	77.8	-0.10	0.84	16.3	-0.01	0.34
R3H93T	37.7	0.29	0.63	10.1	-0.58	0.47	16.5	0.72	0.96	81.8	0.35	0.87	18.7	0.95	1.32



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RVAVWV	105.4	14.59X	0.95	185.1	74.67X	2.64	23.5	4.09X	0.61	270.7	21.52X	1.66	45.1	11.77X	1.40
T4QPTC	38.4	0.44	0.10	11.9	0.16	0.98	15.1	0.04	0.50	86.4	0.85	0.10	18.1	0.74	0.71
T6YRMN	34.3	-0.42	0.08	11.9	0.19	0.66	13.4	-0.79	0.47	78.7	0.00	0.37	16.3	-0.03	0.51
VP2M8P	37.3	0.20	0.21	13.1	0.68	0.61	15.9	0.44	0.99	74.0	-0.53	0.52	15.6	-0.29	0.85
WP9BVU	38.3	0.42	0.36	8.9	-1.10	2.74	13.6	-0.66	1.25	81.2	0.28	1.15	17.5	0.46	0.68
XM3ABM	39.3	0.64	0.31	13.5	0.88	0.50	15.4	0.21	0.35	89.3	1.19	1.04	17.6	0.52	0.28
YJVAPG	39.6	0.71	0.31	12.1	0.27	0.90	15.2	0.08	0.69	75.8	-0.33	0.91	18.2	0.78	0.78

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	36.3			11.5			15.0			78.7			16.3		
Median Abs Dev	2.3			1.1			1.4			3.0			1.3		
Avg Within Lab SD	3.7			0.8			1.0			3.1			1.1		
Labs Included	31			30			31			31			30		
Labs Reporting	33			33			33			33			33		



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QLTGM	501.7	-0.34	0.93	207.3	-0.16	2.12	438.0	0.87	2.19	400.3	-0.88	0.78	969.0	0.07	0.79	
492HCY	484.0	-0.65	0.19	210.7	-0.13	1.45	368.3	-0.67	0.57	404.7	-0.79	0.15	901.7	-0.83	0.74	
4KDMN2	435.4	-1.53	0.58	65.1	-1.56	0.92	329.0	-1.54	0.72	350.7	-1.87	0.01	663.3	-4.03X	0.84	
4LL4DK	528.0	0.14	0.57	274.9	0.50	0.86	363.0	-0.79	0.14	517.9	1.47	0.15	1,001.8	0.51	0.20	
7XVARJ	525.8	0.10	2.36	91.6	-1.30	1.03	404.9	0.14	1.80	359.9	-1.69	3.39	967.4	0.05	1.11	
8WYBTC	464.6	-1.00	0.34	127.6	-0.95	0.41	378.4	-0.45	0.38	418.0	-0.53	0.44	898.5	-0.88	0.33	
D3JEC9	465.8	-0.98	0.69	230.4	0.07	0.27	396.1	-0.06	0.26	444.8	0.01	0.42	911.3	-0.71	0.40	
DXAB9R	482.5	-0.68	0.80	32.2	-1.89	1.45	393.3	-0.12	0.56	172.4	-5.44X	1.25	936.5	-0.37	0.19	
GZKAAC	666.7	2.63X	0.04	340.6	1.15	0.16	466.6	1.50	0.02	493.3	0.98	0.02	1,049.5	1.15	0.03	
JBW7BL	634.2	2.05	0.54	294.1	0.69	0.61	476.0	1.71	0.59	459.6	0.31	0.33	1,058.2	1.26	0.68	
JFWBAY	536.4	0.29	0.83	256.6	0.32	0.33	345.1	-1.18	0.28	437.8	-0.13	0.38	1,009.7	0.61	0.47	
JWY2Z3	542.6	0.40	2.71	214.5	-0.09	1.19	401.2	0.06	2.41	442.1	-0.04	2.19	1,003.2	0.52	3.44	
LKWK4W	427.4	-1.67	0.29	30.8	-1.90	0.40	362.7	-0.80	0.48	201.9	-4.85X	0.66	799.0	-2.21	0.14	
N4LJHU	584.7	1.16	0.44	258.7	0.34	0.38	483.7	1.88	0.19	493.7	0.99	0.09	1,048.7	1.13	0.30	
N7PATF	538.4	0.32	0.65	275.0	0.50	0.79	391.5	-0.16	0.76	522.8	1.57	0.23	983.7	0.26	1.36	
PWZY2Z	522.5	0.04	1.59	240.1	0.16	2.03	430.7	0.71	0.55	444.3	0.00	0.93	938.5	-0.34	1.20	
QBYA4C	458.5	-1.11	0.24	32.8	-1.88	0.18	418.5	0.44	0.15	411.2	-0.66	0.41	916.6	-0.63	0.51	
T4QPTC	524.8	0.08	0.36	217.0	-0.07	1.10	410.3	0.26	0.04	453.0	0.17	0.20	964.0	0.00	0.08	
T6YRMN	490.7	-0.53	0.45	254.7	0.30	0.51	392.0	-0.15	0.27	444.3	0.00	0.13	921.3	-0.57	0.60	
VP2M8P	564.9	0.80	0.29	280.3	0.56	0.28	395.0	-0.08	0.11	478.7	0.69	0.27	982.1	0.24	0.13	
WP9BVU	520.3	0.00	0.43	239.3	0.15	1.18	450.7	1.15	2.11	470.0	0.51	0.99	940.7	-0.31	1.13	
XM3ABM	503.3	-0.31	0.66	207.7	-0.16	0.69	404.7	0.13	0.80	435.0	-0.19	0.46	851.7	-1.50	0.66	



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	520.3	223.7	398.7	444.3	964.0	
Median Abs Dev	29.7	43.1	25.3	29.7	42.7	
Avg Within Lab SD	19.4	8.0	13.5	22.8	25.7	
Labs Included	21	22	22	20	21	
Labs Reporting	22	22	22	22	22	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	3.17	-0.41	0.20	1.63	-0.63	0.59	3.13	-0.24	0.42	1.07	-0.80	0.41	0.60	-0.23	0.00	
3QITGM	3.23	-0.28	0.41	1.67	-0.51	0.92	2.95	-0.65	1.35	1.24	-0.22	1.99	0.47	-0.96	0.54	
492HCY	2.77	-1.31	0.09	1.47	-1.22	0.59	2.60	-1.44	0.00	0.98	-1.11	0.17	0.49	-0.85	0.29	
4GCN7G	3.50	0.34	0.34	1.90	0.32	0.00	3.23	-0.01	0.21	1.40	0.34	0.00	0.70	0.32	0.00	
4KDMN2	2.96	-0.88	0.19	1.49	-1.14	0.86	3.05	-0.44	0.23	1.02	-0.98	0.05	0.57	-0.42	0.40	
4LL4DK	3.48	0.30	0.30	1.76	-0.18	0.55	3.51	0.62	0.11	1.37	0.24	0.15	0.81	0.93	0.75	
4MJEAM	3.10	-0.56	0.51	1.53	-0.98	1.28	3.03	-0.46	0.64	1.08	-0.75	0.55	0.53	-0.59	0.55	
7XVARJ	3.87	1.17	0.70	1.90	0.32	2.69	2.97	-0.61	1.80	1.77	1.61	1.50	0.83	1.05	1.09	
8LUCUA	1.13	-5.01X	0.20	0.50	-4.66X	1.02	1.07	-4.90X	0.21	0.47	-2.87X	0.83	0.27	-2.05	1.09	
8WYBTC	3.24	-0.24	0.12	1.82	0.05	0.27	3.18	-0.14	0.16	1.36	0.21	0.12	0.65	0.05	0.19	
ACMCFT	3.28	-0.16	0.30	5.72	13.91X	34.91	3.23	-0.03	0.17	1.27	-0.11	0.18	0.64	-0.03	0.11	
AH9CPE	3.25	-0.22	4.59	3.47	5.89X	26.65	3.65	0.93	1.48	1.85	1.88	3.83	2.61	10.75X	21.77	
D3JEC9	3.25	-0.23	0.47	1.94	0.47	0.11	3.21	-0.07	0.13	1.45	0.51	0.26	0.86	1.19	0.37	
DXAB9R	3.23	-0.26	0.36	1.63	-0.65	0.57	3.43	0.44	0.64	1.12	-0.61	0.08	0.56	-0.42	0.17	
GZKAAC	4.72	3.10X	0.00	2.42	2.18	0.02	4.79	3.51X	0.04	1.51	0.73	0.02	0.90	1.44	0.13	
JBW7BL	6.53	7.19X	0.37	1.85	0.14	0.31	6.48	7.31X	0.39	0.81	-1.69	0.10	8.67	43.94X	2.73	
JFWBAY	3.42	0.16	0.12	1.83	0.08	0.59	3.04	-0.46	0.24	1.32	0.06	0.18	0.75	0.58	0.67	
JWY2Z3	3.44	0.20	0.83	1.64	-0.62	0.61	3.71	1.05	1.10	1.13	-0.60	0.44	0.64	-0.03	0.67	
KAZDQL	2.96	-0.88	0.00	1.70	-0.39	0.00	2.90	-0.77	0.00	1.23	-0.24	0.00	0.62	-0.12	0.00	
LDE88J	3.31	-0.09	0.33	1.81	0.00	0.20	3.55	0.70	0.10	1.29	-0.05	0.11	0.58	-0.35	0.29	
LKWK4W	2.94	-0.92	0.13	1.58	-0.83	0.21	3.07	-0.39	0.33	1.11	-0.67	0.22	0.58	-0.35	0.11	
N4LJHU	3.75	0.90	0.19	1.81	-0.01	0.26	4.07	1.87	0.16	1.24	-0.22	0.04	0.65	0.06	0.17	
N7PATF	3.69	0.77	1.70	2.09	1.00	3.69	3.17	-0.16	0.88	1.74	1.52	2.59	0.94	1.63	4.44	
NCQXQU	4.49	2.58	0.60	2.54	2.60	0.68	3.79	1.25	1.67	1.94	2.20	0.29	0.57	-0.39	0.30	
PWZY2Z	3.75	0.90	0.05	2.09	0.98	1.27	3.68	0.99	0.29	1.54	0.83	1.08	0.97	1.81	0.92	
PXVG32	3.33	-0.04	0.68	1.90	0.33	0.29	3.52	0.63	1.10	1.30	0.00	1.18	0.65	0.07	0.67	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Q8A62T	3.99	1.44	0.35	1.91	0.34	1.26	4.56	2.98	0.88	1.32	0.07	0.73	0.49	-0.85	1.04	
QBYA4C	3.17	-0.41	0.10	1.79	-0.07	0.14	3.12	-0.28	0.19	1.31	0.04	0.24	0.65	0.03	0.14	
RVAVWV	2.83	-1.18	0.03	1.15	-2.33	0.17	3.11	-0.28	0.32	0.72	-2.01	0.14	0.34	-1.63	0.45	
T4QPTC	3.64	0.67	0.14	1.95	0.49	0.21	3.44	0.44	0.11	1.41	0.39	0.11	0.77	0.72	0.39	
T6YRMN	3.73	0.86	2.03	3.35	5.46X	8.52	3.80	1.27	1.76	2.21	3.15X	1.21				
VP2M8P	3.65	0.69	0.06	1.90	0.32	0.24	3.25	0.01	0.23	1.23	-0.25	0.19	0.65	0.03	0.11	
WP9BVU	3.37	0.04	0.36	1.74	-0.24	0.33	3.91	1.52	3.59	1.36	0.21	0.63	0.71	0.39	1.82	
XM3ABM	3.42	0.17	0.19	1.74	-0.26	0.33	3.35	0.26	0.26	1.28	-0.06	0.25	0.59	-0.28	0.19	
YJVAPG	4.37	2.32	0.50	2.16	1.25	0.65	3.32	0.19	0.50	1.61	1.06	0.83	0.97	1.77	1.03	

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	3.35			1.81			3.24			1.30			0.64			
Median Abs Dev	0.22			0.13			0.20			0.15			0.08			
Avg Within Lab SD	0.30			0.10			0.27			0.14			0.05			
Labs Included	32			31			32			33			32			
Labs Reporting	35			35			35			35			34			



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	95.3	0.22	0.13	128.0	0.09	0.52	18.3	-0.21	0.53	116.3	-0.14	0.65	80.3	-0.99	0.35	
3QLTGM	90.0	-0.01	0.93	118.5	-0.32	0.71	16.5	-0.79	1.99	104.1	-0.84	1.60	76.1	-1.38	1.48	
492HCY	73.7	-0.71	0.26	108.3	-0.76	0.23	17.7	-0.42	0.53	99.0	-1.14	0.56	81.3	-0.90	0.92	
4GCN7G	84.3	-0.25	0.71	114.7	-0.48	0.30	19.3	0.09	0.53	111.3	-0.42	0.12	85.3	-0.53	0.46	
4KDMN2	49.0	-1.76	0.16	89.8	-1.56	1.98	15.9	-0.94	0.51	73.0	-2.64X	0.08	64.1	-2.47X	1.22	
4LL4DK	108.2	0.77	0.83	148.2	0.97	0.84	16.1	-0.89	0.06	144.2	1.48	0.13	86.5	-0.43	0.21	
4MJEAM	82.7	-0.32	0.34	107.0	-0.81		20.0	0.30		109.0	-0.56	0.21	91.7	0.04	0.46	
7XVARJ	107.6	0.74	2.65	138.9	0.57	2.48	16.6	-0.74	1.93	132.1	0.78	2.38	87.8	-0.31	2.91	
8LUCUA	61.0	-1.25	0.44	109.3	-0.71	0.81	13.3	-1.75	0.53	101.7	-0.98	0.68	62.3	-2.63X	0.46	
8WYBTC	81.7	-0.36	0.69	120.1	-0.25	0.67	17.9	-0.34	0.47	114.7	-0.23	1.25	84.4	-0.62	0.43	
ACMCFT	81.0	-0.39	0.44	121.7	-0.18	0.63	23.9	1.48	0.19	126.7	0.46	0.32	108.3	1.56	0.76	
AH9CPE	78.4	-0.50	2.59	135.2	0.40	0.55	21.2	0.65	0.39	122.6	0.23	1.84	91.9	0.07	0.25	
D3JEC9	82.6	-0.32	0.59	117.2	-0.37	0.52	19.1	0.01	0.18	115.5	-0.18	1.41	91.7	0.05	0.17	
DXAB9R	90.3	0.01	0.89	129.9	0.18	0.85	20.2	0.37	0.44	133.8	0.88	0.07	95.5	0.40	0.65	
GZKAAC	131.2	1.75	0.03	170.7	1.94	0.20	20.5	0.44	0.03	135.1	0.95	0.03	95.5	0.39	0.03	
JBW7BL	119.6	1.26	0.44	156.8	1.34	0.51	18.6	-0.13	0.28	134.2	0.90	0.47	106.5	1.40	0.53	
JFWBAY	69.0	-0.91	0.22	109.8	-0.69	0.45	23.2	1.28	0.66	110.6	-0.47	0.25	100.0	0.80	2.11	
JWY2Z3	72.1	-0.77	1.42	101.4	-1.06	1.39	20.3	0.38	0.82	98.2	-1.18	1.74	91.4	0.02	1.41	
KAZDQL	59.7	-1.30	0.00	96.1	-1.28	0.00	16.8	-0.68	0.00	104.3	-0.83	0.00	78.4	-1.16	0.00	
LDE88J	69.5	-0.89	0.19	118.0	-0.34	0.10	19.0	-0.01	0.27	110.8	-0.46	0.06	78.2	-1.19	0.09	
LKWK4W	74.2	-0.68	0.38	104.2	-0.94	0.66	16.1	-0.90	0.21	107.3	-0.66	0.96	74.1	-1.56	0.20	
N4LJHU	111.3	0.90	0.26	153.7	1.20	0.30	22.9	1.20	0.21	138.3	1.14	0.32	102.0	0.99		
N7PATF	93.1	0.13	2.90	129.7	0.17	2.45	26.1	2.16	4.48	132.3	0.79	2.18	105.7	1.32	2.69	
NCQQXU	131.2	1.76	0.52	151.4	1.11	0.25	15.4	-1.13	0.23	134.0	0.89	0.61	96.4	0.48	0.65	
PWZY2Z	95.5	0.23	0.72	147.2	0.92	1.27	21.9	0.87	0.12	126.4	0.44	1.60	100.0	0.80	0.52	
PXVG32	90.8	0.03	0.22	124.7	-0.05	0.61	21.6	0.77	0.84	117.9	-0.04	0.19	96.5	0.48	0.11	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Q8A62T	109.6	0.83	0.35	157.7	1.38	0.78	17.8	-0.38	0.01	153.1	1.99	0.67	101.7	0.96	0.37
QBYA4C	77.0	-0.56	0.56	121.1	-0.21	0.24	17.0	-0.63	0.16	115.1	-0.21	0.51	84.8	-0.58	0.35
RVAVWV	104.9	0.63	0.37	131.6	0.25	0.40	18.3	-0.24	0.30	123.6	0.28	0.16	79.5	-1.07	0.16
T4QPTC	101.1	0.46	0.65	139.3	0.58	0.21	20.0	0.30	0.11	128.3	0.56	0.13	89.9	-0.12	0.08
T6YRMN	72.3	-0.76	1.50	110.7	-0.66	1.48	20.3	0.40	0.69	99.2	-1.13	1.44	88.6	-0.24	1.44
VP2M8P	103.4	0.57	0.18	145.8	0.86	0.55	17.5	-0.46	0.11	127.3	0.50	0.29	87.1	-0.38	0.22
WP9BVU	101.3	0.48	0.84	132.0	0.27	2.03	21.5	0.76	0.32	127.7	0.52	1.20	95.2	0.37	0.35
XM3ABM	100.0	0.42	0.44	127.0	0.05	0.19	21.7	0.81	0.59	118.7	0.00	0.24	91.0	-0.02	0.61

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg		
	SRS2111		SRS2112		SRS2113		SRS2114	
Grand Median	90.2		125.8		19.0		118.7	
Median Abs Dev	14.0		14.3		2.1		9.7	
Avg Within Lab SD	4.5		5.1		1.1		4.7	
Labs Included	34		34		34		33	
Labs Reporting	34		34		34		34	



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	172.3	-0.17	0.32	52.0	-0.15	0.86	102.3	-0.46	0.43	74.3	-0.79	0.24	50.3	-0.29	0.16	
3QLTGM	175.0	-0.08	0.69	54.7	0.27	0.92	108.0	0.00	3.45	83.3	0.10	2.12	52.1	-0.03	0.87	
492HCY	152.0	-0.81	0.26	48.0	-0.77	0.43	101.3	-0.54	0.16	70.7	-1.15	0.63	47.7	-0.69	0.16	
4GCN7G	158.0	-0.62	0.52	48.3	-0.72	0.25	99.0	-0.72	0.84	77.7	-0.46	0.63	47.7	-0.69	0.16	
4KDMN2	169.6	-0.26	0.53	49.7	-0.52	0.55	81.8	-2.11	0.13	81.4	-0.09	0.36	36.1	-2.43	0.61	
4LL4DK	244.6	2.11	0.62	75.2	3.44X	0.51	116.4	0.67	0.17	125.0	4.21X	1.41	71.3	2.87X	0.35	
4MJEAM	160.0	-0.56	0.10	47.0	-0.93	0.43	104.7	-0.27	0.43	76.7	-0.56	0.24	50.0	-0.34	0.28	
7XVARJ	180.3	0.08	0.81	52.1	-0.14	1.36	94.6	-1.08	2.30	88.5	0.61	0.63	52.7	0.07	0.42	
8LUCUA	162.3	-0.48	0.66	52.7	-0.05	0.25	96.3	-0.94	1.33	82.0	-0.03	0.42	50.0	-0.34	0.28	
8WYBTC	152.7	-0.79	0.64	49.6	-0.52	0.24	101.4	-0.53	0.20	80.9	-0.15	1.11	47.2	-0.76	0.56	
ACMCFT	187.3	0.31	0.40	56.9	0.60	0.35	124.0	1.29	0.28	89.8	0.74	0.43	62.9	1.60	0.33	
AH9CPE	119.1	-1.85	4.53	64.1	1.72	2.38	104.5	-0.28	0.22	90.5	0.80	0.15	55.7	0.52	0.12	
D3JEC9	153.1	-0.77	0.16	49.4	-0.56	0.20	103.9	-0.33	0.21	78.4	-0.38	0.30	49.2	-0.46	0.16	
DXAB9R	190.6	0.41	0.33	54.2	0.19	0.77	115.7	0.62	1.38	77.2	-0.51	1.37	54.0	0.26	0.49	
GZKAAC	287.8	3.47X	0.01	87.6	5.35X	0.14	152.0	3.54X	0.02	120.8	3.79X	0.03	83.2	4.66X	0.03	
JBW7BL	214.6	1.16	0.35	51.3	-0.27	0.37	112.7	0.38	0.52	61.5	-2.05	0.42	41.1	-1.69	0.19	
JFWBAY	182.3	0.15	0.35	52.0	-0.15	0.43	98.1	-0.80	0.15	86.1	0.37	0.83	62.3	1.51	0.45	
JWY2Z3	162.3	-0.48	0.76	42.2	-1.67	1.98	114.5	0.52	0.32	78.9	-0.34	2.23	54.5	0.33	0.07	
KAZDQL	151.0	-0.84		49.7	-0.51	0.00	96.1	-0.96	0.00	84.7	0.23	0.00	49.5	-0.42		
LDE88J	183.0	0.17	0.14	56.0	0.47	0.09	117.2	0.74	0.25	90.8	0.84	0.31	53.1	0.13	0.04	
LKWK4W	149.8	-0.88	0.55	45.5	-1.17	0.60	101.1	-0.55	0.62	77.8	-0.44	1.30	44.1	-1.23	0.11	
N4LJHU	210.3	1.03	0.21	60.4	1.15	0.07	132.0	1.93	0.56	89.7	0.73	0.18	48.8	-0.52	4.96	
N7PATF	196.9	0.61	1.62	61.4	1.29	3.03	115.5	0.61	1.49	98.8	1.63	2.19	61.5	1.39	1.06	
NCQXU	291.3	3.58X	1.25	64.2	1.72	0.40	119.6	0.93	0.39	99.3	1.67	0.98	66.8	2.19	0.69	
PWZY2Z	182.1	0.14	0.94	57.3	0.67	1.22	116.1	0.65	0.95	80.7	-0.16	2.10	53.5	0.18	0.63	
PXVG32	158.7	-0.60	0.58	50.9	-0.33	0.56	109.1	0.09	0.85	71.1	-1.11	0.18	47.4	-0.73	0.25	



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Q8A62T	262.3	2.67	0.66	54.9	0.29	0.94	108.8	0.06	0.82	93.9	1.14	1.02	45.4	-1.03	0.15	
QBYA4C	148.5	-0.92	0.10	47.4	-0.86	0.22	98.4	-0.77	0.11	78.7	-0.36	0.40	50.7	-0.24	0.35	
RVAVWV	197.1	0.61	0.21	58.1	0.79	0.22	110.5	0.20	0.60	93.9	1.14	0.15	54.5	0.33	0.45	
T4QPTC	183.3	0.18	0.40	58.2	0.80	0.37	106.4	-0.13	0.31	88.2	0.58	0.22	52.5	0.03	0.22	
T6YRMN	165.3	-0.39	0.80	56.1	0.47	0.95	110.0	0.16	0.28	80.8	-0.15	0.55	53.1	0.13	0.74	
VP2M8P	199.7	0.69	0.06	60.1	1.10	0.53	107.0	-0.08	0.18	93.5	1.10	0.20	55.3	0.46	0.16	
WP9BVU	187.7	0.32	0.64	57.3	0.66	1.56	131.3	1.88	1.55	94.0	1.15	1.62	54.9	0.39	0.91	
XM3ABM	192.7	0.47	0.58	53.3	0.05	0.90	120.3	0.99	1.41	82.7	0.03	0.63	53.3	0.16	0.16	

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	177.7	53.0	108.0	82.3	52.3	
Median Abs Dev	18.3	3.7	7.5	5.8	2.9	
Avg Within Lab SD	10.1	2.3	3.6	2.4	3.5	
Labs Included	32	32	33	32	32	
Labs Reporting	34	34	34	34	34	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	8.40	-0.20	0.17	1.87	-0.17	0.71	0.43	-0.09	1.49	4.03	-0.55	0.35	0.67	-0.12	0.89	
3QLTGM	8.03	-0.53	2.41	1.71	-0.65	2.08	0.26	-1.09	0.26	3.61	-1.39	1.57	1.04	1.91	0.33	
492HCY	7.77	-0.76	0.26	2.30	1.17	3.83	0.33	-0.67	1.49	3.80	-1.01	0.61	0.47	-1.18	0.27	
4GCN7G	8.63	0.00	0.55	1.83	-0.27	0.35	0.37	-0.47	1.49	4.33	0.05	0.35	0.60	-0.48	0.00	
4KDMN2	6.59	-1.79	0.56	1.75	-0.53	0.69	0.51	0.33	0.18	3.34	-1.94	0.30	0.71	0.09	0.77	
4LL4DK	9.23	0.52	0.26	2.04	0.37	0.21	0.46	0.06	0.24	4.97	1.30	0.19	0.68	-0.05	0.22	
4MJEAM	8.55	-0.07	0.15	1.60	-0.99	0.09	0.23	-1.27	0.26	4.03	-0.56	0.34	0.35	-1.83	0.15	
7XVARJ	9.07	0.38	1.29	1.77	-0.48	0.35	0.40	-0.28	2.57	4.23	-0.15	2.55	0.70	0.06	0.00	
8LUCUA	8.00	-0.56	1.72	1.83	-0.27	0.35	0.40	-0.28	0.00	4.23	-0.15	0.35	0.63	-0.30	0.89	
8WYBTC	8.23	-0.35	0.20	1.91	-0.04	0.24	0.64	1.09	1.15	4.13	-0.36	0.20	0.71	0.14	0.39	
ACMCFT	8.73	0.09	0.26	2.10	0.55	0.61	0.39	-0.34	0.93	4.47	0.31	0.94	0.77	0.42	0.64	
AH9CPE	6.07	-2.25	3.91	2.67	2.31	2.06	0.63	1.07	0.39	4.28	-0.06	1.85	1.28	3.22	3.28	
D3JEC9	8.20	-0.38	0.19	1.89	-0.11	0.13	0.52	0.39	0.29	4.27	-0.08	0.25	0.68	-0.07	0.38	
DXAB9R	8.50	-0.12	0.46	1.78	-0.43	0.45	0.35	-0.55	0.80	4.23	-0.16	0.48	0.61	-0.44	0.24	
GZKAAC	10.91	2.00	0.03	2.29	1.14	0.01	0.59	0.84	0.01	4.79	0.95	0.05	0.80	0.62	0.03	
JBW7BL	13.75	4.49X	0.39	2.53	1.89	0.26	0.08	-2.12	0.04	1.50	-5.58X	0.15	2.28	8.63X	0.59	
JFWBAY	8.63	0.00	0.26	2.10	0.55	0.61	0.60	0.86	0.65	4.57	0.51	0.35	0.89	1.07	0.54	
JWY2Z3	9.20	0.50	1.61	2.10	0.55	0.87	0.81	2.10	2.69	4.43	0.24	1.25	0.92	1.24	0.24	
KAZDQL	7.68	-0.84	0.00	1.81	-0.35	0.00	0.35	-0.57	0.00	4.31	0.00	0.00	0.61	-0.42	0.00	
LDE88J	8.32	-0.28	0.16	2.19	0.83	0.83	0.67	1.29	0.93	4.80	0.97	0.20	0.71	0.12	0.41	
LKWK4W	7.66	-0.85	0.10	1.70	-0.68	0.20	0.50	0.30	0.77	3.95	-0.72	0.99	0.63	-0.32	0.71	
N4LJHU	10.30	1.46	0.34	2.08	0.49	0.21	0.50	0.30	0.26	4.91	1.19	0.37	0.72	0.16	0.14	
N7PATF	9.67	0.91	1.18	2.32	1.23	1.94	0.52	0.43	1.38	4.85	1.08	1.34	0.86	0.95	2.36	
NCQXU	10.08	1.27	0.34	1.57	-1.10	0.24	0.02	-2.51	0.03	4.05	-0.51	0.61	0.11	-3.14	0.49	
PWZY2Z	9.99	1.19	1.12	2.26	1.05	0.55	0.51	0.33	0.46	4.92	1.21	1.53	0.80	0.61	0.90	
PXVG32	9.32	0.60	0.40	2.14	0.66	0.57	0.44	-0.05	1.36	5.35	2.07	1.37	0.63	-0.32	0.41	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Q8A62T	9.58	0.83	0.05	2.32	1.24	0.20	0.35	-0.55	0.59	5.41	2.18	0.39	0.53	-0.86	0.27	
QBYA4C	7.93	-0.62	0.13	1.82	-0.31	0.37	0.34	-0.64	0.31	4.15	-0.32	0.34	0.72	0.17	0.15	
RVAVWV	8.88	0.21	0.17	1.87	-0.15	0.06	0.39	-0.35	0.26	4.35	0.07	0.65	0.62	-0.35	0.03	
T4QPTC	8.92	0.25	0.11	1.84	-0.25	0.21	0.49	0.24	0.93	4.17	-0.28	0.00	0.67	-0.10	0.97	
T6YRMN	8.27	-0.32	0.36	1.83	-0.27	0.54				4.16	-0.30	0.27				
VP2M8P	9.10	0.41	0.04	2.42	1.54	1.18	0.96	2.94X	2.85	4.64	0.65	0.82	0.57	-0.65	2.92	
WP9BVU	9.40	0.67	0.32	1.93	0.04	0.50	0.46	0.05	0.83	4.53	0.43	2.69	0.70	0.05	0.62	
XM3ABM	9.80	1.02	0.19	2.01	0.26	0.41	0.46	0.07	0.51	4.57	0.51	0.73	0.71	0.14	0.50	

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg				
	SRS2111		SRS2112		SRS2113		SRS2114		SRS2115	
Grand Median	8.63		1.92		0.45		4.31		0.69	
Median Abs Dev	0.60		0.18		0.08		0.26		0.07	
Avg Within Lab SD	0.58		0.16		0.04		0.16		0.06	
Labs Included	33		34		32		33		32	
Labs Reporting	34		34		33		34		33	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	0.80	1.71	0.00	2.03	-0.37	0.63	0.40	0.73	0.00	1.80	-0.45	0.00	0.40	0.36	0.00
3QLTGM	0.34	-0.67	1.32	1.89	-0.63	2.19	0.26	0.08	0.10	1.64	-0.73	2.47	0.32	-0.18	0.43
492HCY	0.51	0.19	0.08	2.00	-0.43		0.24	0.00	0.06	1.77	-0.50	0.59	0.40	0.36	0.00
4GCN7G	0.50	0.16		2.50	0.49		0.10	-0.67	0.00	2.30	0.42	0.00	0.30	-0.35	0.00
4KDMN2	0.38	-0.47	0.20	1.46	-1.43	0.70	0.18	-0.32	0.07	1.21	-1.47	0.15	0.28	-0.49	0.11
4LL4DK	0.78	1.60	1.09	2.52	0.53	0.30	1.34	5.10X	0.75	2.30	0.43	0.31	0.59	1.70	1.41
4MJEAM	0.40	-0.36	0.83	0.67	-2.86X	1.27	0.17	-0.36	0.49	0.75	-2.27	1.34	0.46	0.79	0.90
7XVARJ	0.20	-1.40	0.00	1.37	-1.59	0.63	0.32	0.33	3.92	1.27	-1.37	0.59	0.27	-0.59	2.35
8LUCUA	0.43	-0.19	0.80	1.40	-1.53	1.90	0.70	2.13	0.97	1.33	-1.26	1.19	0.30	-0.35	0.00
8WYBTC	0.41	-0.31	0.24	2.25	0.04	0.27	0.25	0.05	0.20	2.06	0.02	0.63	0.26	-0.63	0.09
ACMCFT	0.44	-0.17	0.16	2.11	-0.23	0.58	0.16	-0.40	0.11	1.85	-0.36	0.06	0.26	-0.64	0.11
AH9CPE	0.80	1.71	2.19	2.68	0.82	0.60	0.48	1.09	0.24	2.50	0.77	1.69	0.80	3.23	0.20
D3JEC9	0.42	-0.24	0.16	2.17	-0.11	0.28	0.23	-0.05	0.06	1.97	-0.15	0.45	0.29	-0.43	0.11
GZKAAC	-0.13	-3.10X	0.22	2.36	0.23	0.19	0.08	-0.75	0.09	2.49	0.75	0.16	0.64	2.05	0.03
JBW7BL	1.24	3.97X	0.28	6.29	7.43X	1.14	3.64	15.86X	0.59	1.68	-0.66	0.29	1.22	6.22X	0.23
JFWBAY	0.57	0.50	0.35	1.73	-0.93	0.52	0.27	0.14	0.39	1.72	-0.59	0.31	0.38	0.20	0.47
JWY2Z3	0.63	0.85	1.60	2.27	0.06	1.68	0.90	3.06	1.68	2.13	0.13	1.57	0.43	0.60	0.65
KAZDQL	0.52	0.26	0.00	2.71	0.87	0.00	0.18	-0.30	0.00	2.51	0.79	0.00	0.41	0.44	0.00
LDE88J	0.81	1.76	0.28	2.88	1.19	0.61	0.84	2.78	0.26	2.96	1.58	0.46	0.93	4.16X	0.23
LKWK4W	0.33	-0.73	0.14	2.01	-0.42	0.49	0.12	-0.59	0.95	1.89	-0.29	1.07	0.22	-0.90	0.17
N4LJHU	0.44	-0.13	0.02	2.71	0.87	0.60	0.05	-0.92	0.04	2.44	0.66	0.16	0.35	0.00	0.09
N7PATF	0.58	0.59	0.93	1.43	-1.48	1.43	0.45	0.95	0.39	1.37	-1.20	1.19	0.48	0.96	0.39
NCQQXU	0.21	-1.33	3.53	1.90	-0.60	1.87	0.40	0.75	2.40	2.57	0.90	2.95	0.45	0.71	3.93
PWZY2Z	0.62	0.78	0.11	2.57	0.61	0.17	0.26	0.09	0.33	2.23	0.30	0.41	0.46	0.78	0.25
PXVG32	0.47	0.00	0.00	2.58	0.63	1.16	0.13	-0.53	0.00	2.24	0.32	0.78	0.33	-0.14	0.11
QBYA4C	0.44	-0.13	0.36	2.41	0.33	0.29	0.24	-0.02	0.17	2.12	0.11	0.36	0.28	-0.49	0.08



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
T4QPTC	0.54	0.38	0.32	2.65	0.76	0.39	0.20	-0.19	0.11	2.37	0.54	0.46	0.37	0.17	0.46	
T6YRMN				2.65	0.76	1.59				2.22	0.29	0.93				
VP2M8P	0.69	1.15	0.13	1.72	-0.94	0.57	0.27	0.14	0.10	1.54	-0.89	0.48	0.26	-0.62	0.22	
WP9BVU	0.39	-0.43	0.65	2.21	-0.04	1.12	0.07	-0.81	0.51	2.05	-0.02	0.24	0.34	-0.04	1.36	
Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	0.47			2.23			0.24			2.06			0.35			
Median Abs Dev	0.09			0.34			0.09			0.33			0.07			
Avg Within Lab SD	0.07			0.09			0.10			0.10			0.09			
Labs Included	27			28			27			30			27			
Labs Reporting	29			30			29			30			29			



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	1.41	0.32	1.37	0.68	0.46	1.67	1.24	-2.29	2.75	0.44	0.51	0.74	0.29	-0.72	0.24	
43XF7D	2.00	3.00		0.90	2.62		3.50	2.44		0.60	2.78		0.60	2.70		
4HNHLG	1.07	-1.22	1.74	0.50	-1.36		0.33	-4.18X	0.29	0.37	-0.59	2.05	1.70	14.70X	11.22	
4KDMN2	1.18	-0.73	0.32	0.61	-0.27	0.00	2.15	-0.39	0.44	0.37	-0.50	0.41	0.31	-0.43	0.24	
7DQQGH	1.30	-0.17	0.00	0.50	-1.36		2.33	0.00	0.29	0.40	-0.11	0.00	0.20	-1.66	0.00	
8MM9GJ	1.33	-0.04	0.61	0.64	0.07	1.30	2.28	-0.12	0.80	0.40	-0.04	1.42	0.35	-0.05	1.93	
8WCWE7	1.29	-0.21	0.54	0.69	0.53	1.77	2.25	-0.18	0.63	0.41	0.08	0.41				
BJFX47	1.52	0.81	0.35	0.75	1.17	0.45	1.63	-1.48	0.01	0.47	0.91	0.23	0.24	-1.23	0.06	
DN8LY4	1.33	-0.05	0.61	0.62	-0.20	0.89	2.08	-0.54	0.34	0.41	0.08	1.03	0.31	-0.50	0.65	
DQ7BQB	1.73	1.79	0.23	0.80	1.62	0.00	2.84	1.05	0.28	0.44	0.46	0.36	0.38	0.30	0.42	
DXAB9R	1.37	0.16	0.13	0.66	0.24	0.39	2.55	0.44	0.17	0.39	-0.23	0.19	0.35	-0.06	0.48	
F24RXR	1.38	0.20	0.60	0.67	0.30	1.08	2.62	0.61	1.36	0.39	-0.21	0.90	0.43	0.81	1.07	
F88X73	1.28	-0.24	0.98	0.59	-0.46	1.06	2.32	-0.03	0.86	0.35	-0.84	0.71	0.31	-0.46	0.42	
GKEW62	1.34	0.03	0.23	0.72	0.80	1.08	2.84	1.06	0.61	0.51	1.48	0.71	0.39	0.45	1.07	
JBW7BL	1.98	2.92	0.50	1.21	5.74X	0.71	2.79	0.95	0.23	0.94	7.73X	0.56	0.87	5.63X	0.61	
JCNAXZ	0.96	-1.72	0.46	0.48	-1.56	0.00	1.36	-2.03	0.13	0.28	-1.89	0.54	0.26	-1.01	0.42	
JFNKUZ	1.12	-0.98	0.08	0.56	-0.81	0.31	2.23	-0.21	0.10	0.35	-0.79	0.07	0.31	-0.50	0.24	
KFLAB3	1.46	0.54	1.88	0.72	0.83	1.06	2.01	-0.67	0.23	0.49	1.19	1.28	0.35	-0.06	0.88	
KY397Z	1.47	0.61	1.52	0.63	-0.09	0.30	2.82	1.02	0.10	0.41	0.06	1.28	0.40	0.55	1.20	
L3RDNV	1.10	-1.07	0.00	0.60	-0.36	0.00	1.97	-0.77	0.77	0.40	-0.11	0.00	0.30	-0.57	0.00	
LDE88J	1.55	0.98	0.23	0.76	1.26	0.54	2.04	-0.61	0.13	0.46	0.71	0.74	0.39	0.37	0.65	
MH2JDY	1.32	-0.09	0.10	0.65	0.18	0.24				0.40	-0.11	0.27	0.37	0.15	0.24	
N7PATF	1.45	0.49	0.78	0.64	0.01	1.91	2.38	0.10	0.61	0.40	-0.07	1.03	0.34	-0.11	0.57	
NGAVKW	1.42	0.37	0.30	0.64	0.01	0.77	1.96	-0.79	0.07	0.44	0.53	0.25	0.40	0.55	0.11	
Q4W662	1.43	0.40	0.33	0.71	0.68	0.20	2.43	0.21	0.26	0.41	0.06	0.67	0.32	-0.35	0.52	
QBB8RU	0.98	-1.61	0.24	0.51	-1.24	0.50	1.79	-1.14	0.09	0.34	-1.00	0.13	0.36	0.12	0.38	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R3H93T	1.51	0.80	1.43	0.76	1.25	1.09	3.03	1.46	4.57	0.51	1.48	1.53	0.50	1.56	1.13	
TNTQMV	1.40	0.30	0.97	0.78	1.46	0.82	2.39	0.11	0.43	0.55	2.10	0.21	0.48	1.36	0.65	
U4Z8AM	1.33	-0.03	0.40	0.64	0.00	1.24	2.44	0.22	0.53	0.41	0.03	0.36	0.41	0.63	0.42	
UJTTPM	1.11	-1.00	2.31	1.06	4.18X	4.70	2.55	0.46	1.27	0.48	1.04	2.57	0.48	1.40	2.73	
W4W4WN	1.21	-0.56	0.09	0.59	-0.50	0.20	2.09	-0.52	0.13	0.39	-0.31	0.21	0.28	-0.79	0.00	
W8VFTN	1.07	-1.22	1.74	0.60	-0.32	0.25	2.14	-0.41	0.60	0.40	-0.16	0.21	0.30	-0.57	0.00	
WAV3VQ	1.36	0.11	0.30	0.63	-0.10	0.41	3.07	1.53	0.58	0.33	-1.08	0.41	0.38	0.30	0.85	
WP9BVU	1.43	0.44	1.13	0.63	-0.07	0.94	2.58	0.52	1.18	0.42	0.18	1.55	0.37	0.23	0.49	
WQ3YEP	1.26	-0.34	0.06	0.59	-0.50	0.12	2.38	0.11	0.05	0.41	-0.03	0.20	0.38	0.33	0.43	
Y7AR36	1.38	0.18	0.77	0.56	-0.76	0.94	2.37	0.08	0.30	0.36	-0.74	0.54	0.31	-0.43	0.88	
YB6NJH	1.27	-0.32	0.87	0.60	-0.40	1.14	2.47	0.28	0.77	0.39	-0.26	0.62	0.33	-0.24	0.42	
YJVAPG	1.33	-0.04	0.51	0.74	0.99	1.43	2.15	-0.39	0.20	0.58	2.43	1.51	0.48	1.37	1.53	
YVBYNL	1.38	0.20	0.45	0.70	0.66	1.75	2.21	-0.25	0.46	0.41	0.08	0.54	0.36	0.05	0.24	
YWQCGP	1.45	0.53	3.14	0.69	0.53	2.56	2.48	0.30	0.48	0.46	0.80	2.29	0.41	0.64	3.39	
ZWKGAN	2.08	3.35X	1.23	0.62	-0.12	0.79	2.79	0.96	0.60	0.47	0.84	2.14	0.45	1.06	1.66	
ZXBQVP	1.22	-0.51	0.46	0.63	-0.03	0.74	2.23	-0.21	0.23	0.40	-0.07	0.21	0.29	-0.72	0.24	
ZYP8EH	1.11	-1.00	1.14	0.49	-1.47	0.08	1.98	-0.74	0.40	0.31	-1.35	0.16	0.21	-1.59	0.26	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	1.34			0.64			2.33			0.41			0.35			
Median Abs Dev	0.10			0.05			0.25			0.04			0.05			
Avg Within Lab SD	0.07			0.03			0.20			0.03			0.02			
Labs Included	42			41			41			42			40			
Labs Reporting	43			43			42			43			42			



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	10.57	-0.99	0.16	1.77	-0.49	0.14	8.03	-4.95X	0.45	4.65	-1.16	1.24	62.27	-0.28	0.48	
4HNHLG	10.43	-1.00	1.07	1.63	-0.55	1.51	64.90	24.51X	4.40	5.90	-0.60	0.71	16.17	-6.67X	0.52	
4KDMN2	13.87	-0.66	0.44	2.51	-0.18	0.17	15.46	-1.10	0.11	6.20	-0.47	0.32	58.24	-0.84	0.27	
7DQQGH	15.83	-0.47	0.64	2.33	-0.26	0.72	16.83	-0.39	0.16	7.13	-0.06	0.31	57.83	-0.89	0.35	
8MM9GJ	22.75	0.21	0.28	3.88	0.40	0.44	16.26	-0.69	0.55	7.27	0.00	0.24	59.16	-0.71	0.24	
8WCWE7	25.37	0.47	2.89	4.37	0.61	2.83	17.63	0.02	0.56	8.19	0.40	1.91	65.13	0.12	1.61	
BJFX47	9.84	-1.06	0.03	1.65	-0.55	0.14	18.48	0.46	0.13	6.99	-0.12	0.06	71.65	1.02	0.35	
DN8LY4	13.41	-0.71	0.32	2.18	-0.32	0.24	16.80	-0.41	0.79	6.31	-0.42	0.39	62.95	-0.18	1.48	
DQ7BQB	43.52	2.26	1.24	12.42	4.04X	0.40	21.14	1.84	0.78	15.25	3.51X	1.30	84.95	2.87	0.83	
DXAB9R	24.72	0.41	0.70	3.87	0.40	0.76	20.06	1.28	0.32	8.40	0.50	0.94	71.46	1.00	0.29	
F24R XR	31.90	1.11	2.83	6.89	1.69	3.27	18.24	0.34	1.30	10.24	1.31	0.95	71.76	1.04	2.02	
F88X73	20.60	0.00	1.11	2.96	0.01	0.50	18.63	0.54	1.36	6.82	-0.20	0.30	54.70	-1.33	2.40	
GKEW62	13.13	-0.74	0.37	1.78	-0.49	0.22	16.70	-0.46	0.27	5.80	-0.65	0.84	64.47	0.03	0.35	
JBW7BL	30.73	1.00	0.54	7.47	1.93	0.58	18.24	0.34	0.41	11.57	1.89	0.51	66.71	0.34	0.47	
JCNAXZ	31.83	1.11	0.27	7.75	2.05	0.44	18.25	0.34	0.28	11.90	2.04	0.12	66.14	0.26	0.10	
JFNKUZ	12.54	-0.79	0.13	2.38	-0.23	0.16	16.55	-0.54	0.11	6.54	-0.32	0.07	61.85	-0.33	0.18	
KFLAB3	26.77	0.61	0.74	8.00	2.16	0.38	14.66	-1.51	0.66	10.09	1.24	1.92	53.97	-1.43	0.44	
KY397Z	15.01	-0.55	0.62	1.61	-0.56	0.09	16.61	-0.51	0.37	5.15	-0.94	0.42	62.64	-0.23	0.31	
L3RDNV	26.33	0.56	1.61	5.00	0.88		16.00	-0.82		9.00	0.76		63.00	-0.18	0.43	
LDE88J	13.38	-0.71	0.39	1.84	-0.47	0.68	15.92	-0.86	0.76	6.48	-0.35	0.25	54.29	-1.38	0.95	
MH2JDY	23.58	0.29	0.14	2.56	-0.16	0.59				8.66	0.61	3.33	74.56	1.43	0.14	
N7PATF	18.85	-0.17	0.83	2.70	-0.10	0.40	18.08	0.26	0.70	7.04	-0.10	0.50	64.94	0.09	0.72	
NGAVKW	14.13	-0.64	0.56	3.07	0.06	0.38	14.62	-1.54	0.26	7.69	0.19	0.62	57.20	-0.98	0.46	
Q4W662	24.89	0.42	0.39	5.73	1.19	0.26	17.59	0.00	0.37	9.27	0.88	0.16	63.10	-0.16	0.35	
QBB8RU	27.55	0.68	0.08	7.09	1.77	0.21	15.98	-0.83	0.21	11.18	1.72	0.20	64.66	0.05	0.19	
R3H93T	27.89	0.72	2.12	4.00	0.46	0.96	19.61	1.05	1.14	8.37	0.48	1.00	73.80	1.32	1.25	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
TNTQMV	24.57	0.39	0.98	5.10	0.92	1.69	17.93	0.18	0.16	9.90	1.16	2.01	63.53	-0.10	0.69
U4Z8AM	14.57	-0.59	0.22	2.13	-0.34	0.27	19.00	0.73	0.54	6.53	-0.33	0.55	71.83	1.05	0.82
UJTTPM	31.28	1.05	1.34	6.69	1.60	0.76	18.56	0.51	1.02	11.06	1.67	0.92	69.82	0.77	0.22
W4W4WN	12.30	-0.82	0.00	1.90	-0.44	0.00	15.70	-0.98	0.14	6.57	-0.31	0.15	62.90	-0.19	0.32
WAV3VQ	42.47	2.15X	1.23	59.47	24.09X	0.54	0.47	-8.87X	0.41	134.00	55.78X	74.84	3.33	-8.45X	0.10
WP9BVU	15.20	-0.53	1.37	1.76	-0.50	0.96	19.37	0.92	4.51	6.06	-0.53	0.82	67.63	0.47	3.72
WQ3YEP	14.04	-0.65	0.16	2.01	-0.39	0.53	18.11	0.27	0.15	7.39	0.05	1.89	70.43	0.86	0.27
Y7AR36	10.73	-0.97	0.32	1.47	-0.63	0.72	16.97	-0.32	0.78	5.47	-0.80	0.81	64.27	0.00	0.64
YB6NJH	15.00	-0.55		2.93	0.00	0.72	17.67	0.04	1.56	6.03	-0.55	0.55	60.33	-0.55	0.25
YJVAPG	10.59	-0.99	1.12	1.92	-0.43	0.49	17.46	-0.07	0.60	5.82	-0.64	1.14	58.52	-0.80	0.77
YVBYNL	24.34	0.37	0.34	5.25	0.99	2.43	18.00	0.22	0.06	10.37	1.36	0.30	6.90	-7.96X	0.02
YWQCGP	20.73	0.01	0.47	3.38	0.19	0.25	19.60	1.04	1.18	7.54	0.12	0.45	71.43	0.99	0.60
ZWKGAN	45.92	2.49X	13.17	2.46	-0.20	0.14	15.67	-0.99	0.58	6.62	-0.29	0.12	59.40	-0.68	0.27
ZXBQVP	25.43	0.48	0.26	3.97	0.44	0.27	17.23	-0.18	0.28	8.27	0.44	0.41	64.37	0.01	0.13
ZYP8EH	26.42	0.57	0.28	5.85	1.24	0.61	13.02	-2.37	0.08	8.78	0.66	0.36	37.21	-3.75X	0.09

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	20.6			2.93			17.6			7.27			64.3		
Median Abs Dev	6.5			1.10			1.0			1.21			4.9		
Avg Within Lab SD	1.0			0.21			0.7			0.38			2.3		
Labs Included	39			39			37			39			37		
Labs Reporting	41			41			40			41			41		



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

Data units: mg/kg

WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	30.11	0.01	0.23	8.56	0.17	1.16	65.51	0.05	0.08	9.93	0.80	1.51	11.26	-0.06	1.11
43XF7D	35.60	0.62		8.50	0.13					8.50	-0.09		13.50	0.71	
4HNHLG	22.00	-0.90	2.01	6.67	-0.87	1.51	10.00	-3.58X	0.08	8.33	-0.19	1.39	37.67	9.00X	10.52
4KDMN2	24.30	-0.64	0.47	6.54	-0.94	0.03	49.85	-0.97	0.09	6.74	-1.18	0.34	11.33	-0.03	0.99
7DQQGH	31.60	0.18	0.40	7.90	-0.19	0.26	73.57	0.58	0.31	7.60	-0.65	0.64	10.77	-0.22	0.28
8MM9GJ	28.24	-0.20	0.32	7.78	-0.26	0.50	58.76	-0.39	0.85	8.08	-0.35	0.16	10.70	-0.25	0.70
8WCWE7	30.83	0.09	2.06	8.90	0.35	1.31	56.13	-0.56	0.60	10.17	0.95	1.45	11.43	0.00	2.32
BJFX47	30.61	0.07	0.84	8.73	0.26	0.24	63.92	-0.05	0.04	10.52	1.17	0.58	11.84	0.14	0.44
DN8LY4	21.80	-0.92	0.68	5.99	-1.24	1.17	45.89	-1.23	0.23	7.91	-0.45	0.79	8.68	-0.94	0.40
DQ7BQB	47.46	1.95	0.77	9.83	0.86	0.36	71.38	0.44	0.04	8.96	0.20	0.39	17.36	2.04	0.66
DXAB9R	32.42	0.27	0.27	8.28	0.01	0.14	70.65	0.39	0.20	8.68	0.02	0.50	12.84	0.49	1.14
F24RXR	41.80	1.32	1.66	9.94	0.92	2.05	72.62	0.52	0.34	9.36	0.45	2.15	16.73	1.82	1.02
F88X73	32.43	0.27	0.84	8.40	0.08	0.73	66.13	0.09	0.25	8.36	-0.18	0.58	13.43	0.69	0.82
GKEW62	25.50	-0.51	0.27	7.46	-0.43	0.79	124.10	3.89X	0.63	7.31	-0.83	0.69	11.07	-0.12	1.21
JBW7BL	45.56	1.74	0.57	11.21	1.61	0.49	75.86	0.73	0.10	10.48	1.15	0.42	16.48	1.74	0.50
JCNAXZ	39.30	1.04	0.09	8.98	0.40	0.35	67.36	0.17	0.21	8.50	-0.09	0.22	14.55	1.07	0.24
JFNKUZ	22.03	-0.89	0.42	8.73	0.26	0.52	67.54	0.18	0.32	7.30	-0.84	0.10	10.34	-0.37	0.57
KFLAB3	34.56	0.51	0.74	9.79	0.84	1.00	50.90	-0.90	0.12	8.64	0.00	2.00	13.13	0.59	0.11
KY397Z	16.68	-1.49	0.99	2.02	-3.41X	0.09	113.80	3.21X	0.09	0.89	-4.83X	0.07	8.69	-0.93	0.24
L3RDNV	35.33	0.59	1.16	10.00	0.95		53.00	-0.77	0.08	10.00	0.84		13.33	0.66	1.05
LDE88J	29.71	-0.03	0.47	8.96	0.39	0.68	68.28	0.23	0.05	10.45	1.12	0.53	11.41	0.00	0.35
MH2JDY	32.94	0.33	0.06	8.30	0.03	0.69				8.16	-0.30	0.49	14.16	0.94	1.10
N7PATF	33.60	0.40	1.35	8.47	0.12	1.51	58.08	-0.43	0.36	8.82	0.11	1.67	11.53	0.04	1.11
NGAVKW	48.17	2.03	1.38	5.18	-1.68	1.38	68.68	0.26	0.09	7.91	-0.46	0.42	9.54	-0.64	0.34
Q4W662	30.02	0.00	0.28	6.93	-0.72	0.38	77.77	0.85	0.33	6.92	-1.07	0.30	10.64	-0.27	0.46
QBB8RU	26.80	-0.36	0.07	6.82	-0.78	0.14	50.35	-0.94	0.07	8.66	0.01	0.35	13.68	0.78	0.39



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R3H93T	34.49	0.50	0.87	9.34	0.59	1.41	98.73	2.23	5.76	9.80	0.72	0.68	12.95	0.52	0.76	
TNTQMV	36.97	0.78	3.37	10.43	1.19	2.59	84.37	1.29	0.62	12.30	2.28	2.71	15.43	1.38	1.57	
U4Z8AM	28.50	-0.17	0.59	8.23	-0.01	0.80	61.07	-0.24	0.05	8.13	-0.32	0.28	12.87	0.50	0.59	
UJTTPM	48.83	2.11	0.22	11.42	1.73	1.46	68.84	0.27	0.04	11.45	1.75	0.70	16.96	1.90	1.52	
W4W4WN	22.00	-0.90		7.00	-0.68		46.67	-1.18	0.12	7.00	-1.02		8.67	-0.94	1.05	
W8VFTN	20.19	-1.10	1.09	5.64	-1.43	0.17	52.22	-0.82	0.04	6.99	-1.03	0.12	9.63	-0.61	1.45	
WAV3VQ	54.60	2.75X	0.40	12.07	2.08	0.30	102.53	2.48	0.48	9.73	0.68	0.73	23.53	4.15X	0.21	
WP9BVU	27.70	-0.26	0.60	7.61	-0.35	1.65	66.47	0.11	1.36	9.09	0.28	1.48	10.73	-0.24	1.91	
WQ3YEP	23.46	-0.73	0.15	7.08	-0.64	0.14	55.29	-0.62	0.09	8.12	-0.33	0.52	12.63	0.42	1.33	
Y7AR36	25.00	-0.56	0.76	6.00	-1.23		63.00	-0.11	0.08	5.00	-2.27		10.67	-0.26	1.05	
YB6NJH	25.00	-0.56	0.76	7.67	-0.32	1.21	60.67	-0.26	0.23	8.97	0.20	0.77	9.23	-0.75	0.74	
YJVAPG	17.28	-1.43	0.40	6.83	-0.78	0.31	39.35	-1.66	0.03	8.90	0.16	1.12	10.27	-0.39	1.77	
YVBYNL	32.38	0.26	0.31	8.27	0.01	1.61	65.81	0.07	0.14	8.79	0.09	0.33	2.70	-2.99X	0.11	
YWQCGP	26.10	-0.44	1.11	7.54	-0.39	0.09	48.63	-1.05	0.33	7.24	-0.88	0.13	10.60	-0.28	1.09	
ZWKGAN	61.60	3.53X	3.96	5.90	-1.28	0.10	78.89	0.93	0.45	3.01	-3.51X	0.73	15.01	1.23	0.44	
ZXBQVP	29.67	-0.04	0.46	8.03	-0.12	0.15	60.07	-0.30	0.19	9.13	0.31	0.73	10.57	-0.29	0.11	
ZYP8EH	25.99	-0.45	0.66	6.47	-0.97	0.06	45.56	-1.25	0.06	5.65	-1.86	1.26	6.36	-1.73	0.43	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups					Data units: mg/kg
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115
Grand Median	30.0	8.25	64.7	8.64	11.4
Median Abs Dev	4.5	1.13	8.2	0.73	1.6
Avg Within Lab SD	1.3	0.38	12.7	0.42	0.5
Labs Included	41	42	38	41	40
Labs Reporting	43	43	41	43	43



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	4.36	-0.67	0.52	0.50	-0.67	2.13	0.28	-0.74	1.26	1.38	-1.12	0.77	0.27	-1.35	0.40	
4HNHLG	4.47	-0.54	1.85	0.47	-0.96	1.64	0.37	0.00	2.01	1.50	-0.66	1.57	0.40	-0.13	3.44	
4KDMN2	3.76	-1.37	0.29	0.54	-0.25	0.00	0.32	-0.40	0.00	1.59	-0.33	0.27	0.41	0.00	0.20	
7DQQGH	5.13	0.23	0.88	0.53	-0.32	1.64	0.30	-0.57	0.00	1.67	-0.05	0.91	0.40	-0.13	0.00	
8MM9GJ	4.41	-0.61	0.83	0.51	-0.54	0.81	0.34	-0.21	0.97	1.56	-0.46	0.51	0.38	-0.34	0.26	
8WCWE7	5.10	0.20	1.75	0.72	1.48	0.49	0.45	0.73	1.72	1.99	1.15	1.72				
BJFX47	4.47	-0.54	0.22	0.58	0.17	0.34	0.23	-1.15	0.10	1.68	0.00	0.10	0.28	-1.27	0.13	
DN8LY4	4.70	-0.28	0.50	0.61	0.42	0.57	0.27	-0.79	0.53	1.58	-0.38	0.63	0.40	-0.10	1.11	
DQ7BQB	6.87	2.25	0.65	0.61	0.45	0.33	0.37	0.05	0.20	2.36	2.49	0.78	0.35	-0.61	0.34	
DXAB9R	5.23	0.34	0.27	0.57	0.03	0.62	0.43	0.53	0.42	1.79	0.42	0.82	0.47	0.50	0.50	
F24R XR	6.01	1.26	1.64	0.72	1.45	1.34	0.53	1.38	2.18	2.14	1.67	1.28	0.57	1.54	0.20	
F88X73	4.04	-1.04	0.12	0.45	-1.12	0.28	0.29	-0.65	0.35	1.34	-1.26	0.24	0.36	-0.51	0.34	
GKEW62	4.87	-0.07	0.24	0.52	-0.44	0.28	0.38	0.14	1.06	1.64	-0.16	1.75	0.44	0.29	1.11	
JBW7BL	5.90	1.13	0.56	0.80	2.28	0.38	0.55	1.52	0.32	2.12	1.59	0.55	0.44	0.23	0.25	
JCNAXZ	5.83	1.04	0.37	0.49	-0.76	0.43	0.21	-1.36	0.53	2.00	1.16	0.55	0.25	-1.61	0.20	
JFNKUZ	4.36	-0.67	0.38	0.51	-0.52	0.27	0.31	-0.44	0.17	1.56	-0.43	0.11	0.42	0.04	0.24	
KFLAB3	5.50	0.66	0.64	0.63	0.65	0.16	0.30	-0.57	1.26	2.09	1.50	0.42	0.38	-0.29	0.53	
KY397Z	5.80	1.01	1.50	0.52	-0.45	0.32	0.37	0.00	0.56	1.56	-0.43	1.13	0.45	0.32	0.42	
L3RDNV	4.93	0.00	0.33	0.83	2.57	1.64	0.70	2.83X	3.48	1.90	0.80	0.00	0.70	2.76X	0.00	
LDE88J	4.23	-0.81	0.59	0.61	0.45	0.71	0.24	-1.11	0.40	1.58	-0.38	0.24	0.28	-1.25	0.20	
MH2JDY	5.02	0.10	0.22	0.57	0.08	0.16				1.84	0.59	0.59	0.49	0.69	0.59	
N7PATF	5.14	0.24	1.34	0.55	-0.20	1.07	0.40	0.32	0.78	1.65	-0.11	2.08	0.36	-0.50	0.58	
NGAVKW	4.61	-0.37	0.14	0.69	1.22	0.26	0.28	-0.73	0.89	1.63	-0.18	0.26	0.36	-0.50	0.28	
Q4W662	4.84	-0.11	0.14	0.56	-0.04	0.26	0.31	-0.45	0.31	1.79	0.41	0.11	0.39	-0.25	0.07	
QBB8RU	3.85	-1.27	0.29	0.48	-0.84	0.14	0.35	-0.11	0.30	1.56	-0.45	0.36	0.40	-0.08	0.05	
R3H93T	5.86	1.08	3.11	0.62	0.47	1.52	0.45	0.67	3.29	1.94	0.95	3.28	0.51	0.94	0.08	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
TNTQMV	6.54	1.87	0.63	0.80	2.25	1.50	0.53	1.38	0.60	2.45	2.81X	0.48	0.60	1.77	1.55
U4Z8AM	5.29	0.42	0.24	0.62	0.55	0.43	0.48	0.93	0.53	1.74	0.22	0.31	0.53	1.12	0.34
UJTTPM	5.46	0.61	0.82	0.67	1.01	0.16	0.43	0.56	0.92	2.06	1.39	0.68	0.55	1.35	0.41
W4W4WN	5.61	0.79	0.07	0.51	-0.54	0.28	0.27	-0.85	0.53	1.86	0.64	0.18	0.35	-0.61	0.34
W8VFTN	3.95	-1.14	1.44	0.60	0.33	0.00	0.61	2.05	0.46	1.49	-0.69	0.24	0.50	0.83	
WAV3VQ	5.48	0.64	0.12	0.66	0.90	0.00	0.56	1.64	0.00	1.93	0.90	0.18	0.52	1.03	0.00
WP9BVU	5.36	0.50	1.98	0.56	-0.09	0.16	0.42	0.42	1.06	1.74	0.20	1.22	0.51	0.90	0.72
WQ3YEP	4.67	-0.30	0.35	0.56	-0.10	0.14	0.38	0.10	0.34	1.65	-0.12	0.82	0.48	0.63	0.62
Y7AR36	4.80	-0.16	1.00	0.50	-0.64		0.40	0.28	0.00	1.47	-0.79	0.91	0.40	-0.13	0.00
YB6NJH	4.50	-0.50	1.15	0.56	-0.03	0.59	0.35	-0.12	0.20	1.67	-0.05	0.91	0.41	0.00	0.40
YJVAPG	3.97	-1.13	1.42	0.67	0.97	1.75	0.38	0.14	1.23	1.64	-0.16	0.45	0.47	0.51	1.73
YVBYNL	5.46	0.62	0.39	0.53	-0.38	0.71	0.29	-0.65	0.35	2.09	1.50	0.47	0.38	-0.35	0.40
YWQCGP	4.83	-0.12	0.90	0.62	0.55	2.55	0.30	-0.57	1.74	1.75	0.25	1.77	0.55	1.32	3.90
ZWKGAN	7.62	3.12X	1.67	0.65	0.78	2.52	0.53	1.42	0.73	1.92	0.87	1.09	0.55	1.30	0.45
ZXBQVP	4.98	0.05	0.92	0.56	-0.03	0.16	0.41	0.34	0.73	1.87	0.71	0.55	0.42	0.03	0.20
ZYP8EH	4.13	-0.93	0.57	0.53	-0.37	0.73	0.26	-0.89	0.30	1.68	-0.02	0.23	0.24	-1.62	0.14

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	4.93			0.57			0.37			1.68			0.41		
Median Abs Dev	0.52			0.05			0.07			0.12			0.05		
Avg Within Lab SD	0.17			0.04			0.03			0.06			0.03		
Labs Included	41			42			40			41			40		
Labs Reporting	42			42			41			42			41		



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
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
4KDMN2	4.687		1.00	0.050		1.00	4.807		1.00	0.253		1.00	1.045		1.00

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups													Data units: mg/kg		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	4.69			0.050			4.81			0.25			1.05		
Median Abs Dev															
Avg Within Lab SD	0.09			0.010			0.29			0.07			0.02		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



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CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7DQQGH	7.03	0.43	0.11	8.03	1.08	0.88	3.73	-0.49	1.12	11.20	2.02	1.40	6.53	2.15	1.35
8WCWE7	4.97	-0.31	0.55	6.23	0.02	0.83	4.03	-0.20	0.22	5.80	-0.16	0.56	2.27	-0.72	0.33
JFNKUZ	19.35	4.85X	0.96	8.81	1.53	0.10	7.59	3.29X	1.31	17.78	4.69X	0.25	9.30	4.01X	0.63
NGAVKW	4.43	-0.50	0.40	5.24	-0.56	0.40	4.71	0.47	0.92	3.32	-1.17	0.23	3.71	0.25	0.41
R3H93T	3.53	-0.83	0.88	3.68	-1.48	1.26	2.52	-1.68	0.97	4.48	-0.69	0.48	2.24	-0.73	1.75
T4QPTC	5.40	-0.16	0.66	5.33	-0.51	1.34	4.17	-0.07	0.89	6.23	0.01	0.32	2.53	-0.54	0.92
U4Z8AM	5.83	0.00	0.55	6.17	-0.02	0.63	4.83	0.59	1.12	5.83	-0.15	0.45	3.33	0.00	0.83
W4W4WN	6.03	0.07	0.44	6.97	0.45	0.13	4.23	0.00	0.22	6.20	0.00	0.00	2.87	-0.31	0.17
WP9BVU	8.17	0.84	2.41	8.03	1.08	2.12	6.13	1.86	1.94	8.00	0.73	2.44	4.10	0.52	1.49
YB6NJH	14.00	2.93		6.17	-0.02	0.25	4.97	0.72	0.22	9.00	1.13	0.41	4.60	0.85	0.29

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups						Data units: mg/kg	
	SRS2111		SRS2112		SRS2113	SRS2114	SRS2115
Grand Median	5.83		6.20		4.23	6.20	3.33
Median Abs Dev	1.20		0.91		0.50	1.72	0.80
Avg Within Lab SD	0.52		0.46		0.26	0.64	0.35
Labs Included	9		10		9	9	9
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	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2EENTE	0.44	0.23	0.39	0.79	-0.07	0.93				1.08	0.38	0.95	0.45	0.12	0.41
4KDMN2	0.39	-0.05	0.89	0.59	-0.66	0.18	0.25	1.02	0.03	0.86	-0.15	0.79	0.41	-0.09	0.94
7WKAPX	0.43	0.18	0.98	0.93	0.33	0.97	0.14	0.00	0.39	1.22	0.73	0.96	0.42	0.00	0.69
AP7294	0.57	0.87	0.64	1.17	1.05	0.38	0.24	0.91	0.07	1.30	0.90	0.34	0.56	0.73	0.33
D7KDUT	0.23	-0.84	0.31	0.47	-1.00	0.68	0.08	-0.48	0.39	0.59	-0.79	0.66	0.30	-0.65	0.42
DXAB9R	0.40	0.01	0.13	0.77	-0.14	0.35	0.14	0.03	1.30	0.87	-0.11	0.58	0.44	0.08	0.32
F24RXR	0.40	0.00	0.88	1.11	0.86	1.76	0.13	-0.06	1.36	1.28	0.85	0.97	0.45	0.12	0.73
F88X73	0.34	-0.29	0.61	0.41	-1.17	0.31	0.33	1.71	1.04	0.57	-0.84	0.64	0.46	0.21	0.97
JBW7BL	0.85	2.28	0.43	1.13	0.93	0.28	0.78	5.84X	0.89	1.27	0.83	0.33	0.85	2.24	0.34
KY397Z	0.47	0.39	0.36	1.08	0.78	0.22	0.09	-0.42	0.31	1.25	0.78	0.65	0.39	-0.16	0.18
L3RDNV	0.90	2.53	0.00	0.70	-0.33	0.00	0.30	1.47	0.00	0.60	-0.76	1.59	0.10	-1.71	0.00
LDE88J	0.18	-1.07	0.47	0.85	0.12	0.09	0.08	-0.48	0.39	1.24	0.76	0.33	0.14	-1.52	0.37
NGAVKW	0.36	-0.19	0.12	0.92	0.31	0.14	0.31	1.61	0.10	0.92	0.00	0.30	0.39	-0.17	0.29
QBB8RU	0.07	-1.62	0.25	0.16	-1.91	0.08	0.02	-1.01	0.10	0.24	-1.63	0.12	0.09	-1.78	0.02
R3H93T	0.48	0.40	3.77	0.92	0.33	3.41	0.27	1.22	3.18	1.18	0.63	2.07	0.60	0.92	3.85
RVAVWV	0.54	0.74	0.26	1.12	0.89	0.13	0.17	0.27	0.26	1.29	0.89	0.10	0.55	0.65	0.30
XCG73N	0.36	-0.17	0.47	0.81	0.00	0.45	0.12	-0.15	0.00	0.73	-0.45	0.27	0.46	0.18	0.14
ZWKGAN	0.24	-0.78	0.40	0.33	-1.41	1.06	0.08	-0.51	1.00	0.53	-0.93	2.40	0.21	-1.14	0.29
ZXBQVP	0.36	-0.17	0.35	0.63	-0.54	0.37	0.13	-0.09	0.79	0.75	-0.40	0.96	0.36	-0.34	0.42

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	0.40			0.81			0.14			0.92			0.42		
Median Abs Dev	0.08			0.23			0.05			0.32			0.06		
Avg Within Lab SD	0.03			0.07			0.01			0.06			0.04		
Labs Included	19			19			17			19			19		
Labs Reporting	19			19			18			19			19		



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.21	1.24	0.30	1.07	2.02	0.73	0.10	-0.14	0.72	1.40	2.19	0.27	0.17	0.65	1.75	
4HNHLG	0.13	-0.19	0.90	0.68	-0.92	1.12	0.13	0.31	1.44	1.05	-1.17	1.17	0.14	0.12	2.24	
7DQQGH	0.17	0.50	3.01	0.73	-0.50	1.59	0.30	2.32	0.00	1.17	-0.02	1.04	0.10	-0.65	0.00	
BJFX47	0.07	-1.25	0.19	0.95	1.15	0.45	0.10	-0.07	0.16	1.24	0.70	0.07	0.01	-2.26	0.00	
DN8LY4	0.17	0.50	0.80	0.86	0.47	0.97	0.07	-0.42	0.36	1.19	0.21	1.26	0.16	0.48	1.45	
GKEW62	0.14	0.00	0.52	0.77	-0.22	0.28	0.22	1.39	1.91	1.17	0.02	0.18	0.08	-1.01	0.70	
JFNKUZ	0.16	0.39	0.20	0.80	-0.04	0.09	0.13	0.22	0.99	1.10	-0.64	0.20	0.14	0.03	0.38	
N7PATF	0.20	1.08	0.73	0.53	-2.01	0.39	0.16	0.58	0.75	0.67	-4.81X	0.42	0.17	0.65	0.84	
U4Z8AM	0.13	-0.12	0.80	0.85	0.40	0.64	0.15	0.47	0.72	1.22	0.46	0.37	0.13	-0.18	1.06	
W4W4WN	0.13	-0.25	0.30	0.80	0.00	0.00	0.04	-0.86	0.36	1.17	0.02	0.18	0.11	-0.48	0.00	
W8VFTN	0.05	-1.72	0.31	0.61	-1.43	0.61	0.02	-1.11	0.07	0.85	-3.03	0.17	0.06	-1.34	0.73	
WP9BVU	0.15	0.25	1.09	0.86	0.45	1.46	0.09	-0.22	1.88	1.16	-0.08	1.08	0.17	0.54	1.06	
WQ3YEP	0.08	-1.17	0.69	0.83	0.20	0.42	0.08	-0.39	0.86	1.22	0.50	0.10	0.05	-1.50	0.05	
YB6NJH	0.21	1.30	0.00	0.82	0.17	0.32	0.24	1.63	0.96	1.17	-0.02	1.04	0.14	0.00	0.80	
YJVAPG	0.13	-0.16	1.01	0.78	-0.12	2.47	0.11	0.00	1.10	1.13	-0.40	2.71	0.15	0.24	0.25	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	0.14			0.80			0.11			1.17			0.14			
Median Abs Dev	0.03			0.06			0.03			0.04			0.03			
Avg Within Lab SD	0.02			0.04			0.02			0.06			0.01			
Labs Included	15			15			15			14			15			
Labs Reporting	15			15			15			15			15			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3QUNDF	0.15	1.01	2.26	0.12	-5.57X	3.00	0.07	0.61	1.27	0.08	-1.37	2.29	0.10	2.26	3.08		
4LL4DK	0.13	-1.50	0.41	0.16	-0.79	0.27	0.06	-0.50	0.44	0.09	-0.90	0.46	0.07	-0.31	0.25		
DN8LY4	0.14	0.09	0.36	0.17	0.10	0.08	0.07	0.13	0.79	0.10	0.18	0.11	0.07	0.17	0.17		
DQ7BQB	0.14	0.17	0.00	0.16	-0.86	0.00	0.06	-0.90	0.00	0.09	-0.39	1.03	0.06	-0.79	0.85		
JCNAXZ	0.13	-1.10	0.00	0.17	0.81	2.35	0.08	1.48	0.00	0.11	0.91	1.03	0.08	1.04	0.85		
KY397Z	0.15	1.00	2.14	0.17	0.55	1.95	0.06	-0.43	1.25	0.11	1.29	1.58	0.07	-0.17	0.36		
Q4W662	0.14	-0.01	0.09	0.17	0.45	0.17	0.07	0.28	0.28	0.10	0.33	0.15	0.01	-5.88X	0.01		
QBB8RU	0.13	-0.80	0.23	0.17	-0.10	0.52	0.05	-1.55	0.20	0.09	-0.72	0.11	0.06	-1.20	0.17		
RVAVWV	0.12	-1.78	0.63	0.15	-1.78	0.44	0.06	-0.87	1.54	0.08	-1.21	0.29	0.06	-0.86	0.43		
T4QPTC	0.14	0.00	1.28	0.16	-0.44	1.39	0.08	0.96	1.68	0.10	0.00	1.36	0.07	0.25	0.34		
W4W4WN	0.14	-0.03	0.29	0.17	0.53	0.19	0.07	0.00	0.69	0.10	0.31	0.27	0.07	0.21	0.30		
WP9BVU	0.14	0.09	0.90	0.16	-0.33	0.35	0.06	-0.57	1.75	0.09	-0.30	0.92	0.07	-0.37	0.63		
YVBYNL	0.15	1.18	0.15	0.18	1.36	0.18	0.07	0.49	0.35	0.11	0.88	0.10	0.08	0.49	0.23		

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups						Data units: Percent				
	SRS2111		SRS2112		SRS2113		SRS2114		SRS2115	
Grand Median	0.14		0.17		0.068		0.10		0.072	
Median Abs Dev	0.01		0.00		0.005		0.01		0.005	
Avg Within Lab SD	0.01		0.01		0.003		0.01		0.007	
Labs Included	13		12		13		13		12	
Labs Reporting	13		13		13		13		13	



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QLTGM	0.14	-0.08	0.55	0.17	-0.35	0.97	0.07	-0.29	1.44	0.10	-0.67	0.72	0.06	-1.11	1.38	
4HNHLG	0.12	-1.51	0.82	0.15	-1.13	0.54	0.07	0.05	0.56	0.10	-0.47	0.32	0.07	0.03	0.92	
4LL4DK	0.15	0.81	1.14	0.19	0.69	0.70	0.09	1.34	0.16	0.12	1.21	0.51	0.09	1.78	0.75	
4MJEAM	0.12	-2.09	1.16	0.13	-1.87	0.45	0.05	-2.32	0.48	0.08	-2.01	0.24	0.05	-2.29	0.15	
7DQQGH	0.13	-0.63	0.37	0.16	-0.51	0.12	0.07	-0.05	0.84	0.11	0.03	0.28	0.07	0.06	0.26	
8MM9GJ	0.16	1.48	0.94	0.20	1.36	1.35	0.10	2.24	1.56	0.14	2.16	0.97	0.10	2.60	0.69	
8WCWE7	0.15	0.71	2.15	0.19	0.61	1.77	0.08	0.65	1.26	0.11	0.46	0.42	0.08	0.36	0.26	
D7KDUT	0.15	0.63	2.26	0.18	0.40	1.66	0.09	1.31	0.98	0.11	0.42	1.90	0.42	33.32X	78.46	
DN8LY4	0.13	-0.72	0.36	0.15	-1.06	0.92	0.06	-0.93	0.29	0.10	-0.75	0.39	0.06	-0.97	1.03	
E4CPM3	0.14	0.05	2.04	0.18	0.36	0.00	0.08	0.49	1.62	0.12	1.28	0.92	0.08	0.65	2.61	
JWY2Z3	0.14	-0.18	0.41	0.15	-0.97	0.43	0.07	-0.52	0.28	0.10	-0.59	0.33	0.07	-0.36	0.30	
KAZDQL	0.14	-0.35	0.00	0.17	-0.08	0.00	0.07	0.28	0.00	0.13	1.61	3.31	0.07	0.14	0.00	
LKWK4W	0.13	-0.96	0.00	0.15	-1.28	2.50	0.07	-0.14	0.00	0.10	-0.40	0.00	0.07	0.00	1.51	
N4LJHU	0.14	-0.05	0.31	0.18	0.30	0.87	0.07	0.27	0.70	0.10	-0.06	0.56	0.07	-0.13	0.69	
R3H93T	0.14	0.10	0.56	0.17	-0.22	0.43	0.07	-0.20	0.25	0.11	-0.03	0.11	0.07	-0.19	0.28	
T4QPTC	0.15	0.18	0.18	0.18	0.20	0.66	0.07	-0.11	0.58	0.11	0.37	0.40	0.08	0.52	0.60	
U4Z8AM	0.13	-1.19	0.35	0.15	-0.92	0.99	0.06	-1.06	0.70	0.11	0.10	0.57	0.07	-0.29	0.15	
W4W4WN	0.15	0.92	0.75	0.19	0.73	0.50	0.07	0.32	0.21	0.11	0.51	0.24	0.08	0.26	0.00	
W8VFTN	0.15	0.56	0.00	0.18	0.36	0.00	0.07	-0.46	1.62	0.10	-0.16	0.92	0.07	-0.65	1.51	
WP9BVU	0.15	0.29	0.22	0.17	0.08	0.66	0.08	0.47	2.20	0.10	-0.20	0.70	0.07	-0.45	1.27	

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups						Data units: Percent				
	SRS2111		SRS2112		SRS2113		SRS2114		SRS2115	
Grand Median	0.14		0.17		0.072		0.11		0.073	
Median Abs Dev	0.01		0.01		0.005		0.01		0.004	
Avg Within Lab SD	0.01		0.00		0.004		0.01		0.004	
Labs Included	20		20		20		20		19	
Labs Reporting	20		20		20		20		20	



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QLTGM	1.29	0.84	1.03	1.85	-1.62	0.79	0.75	1.41	0.95	0.98	-0.38	2.83	0.78	1.36	0.47	
492HCY	1.93	11.42X	2.54	2.10	-0.42	0.00	0.80	2.02	0.00	1.30	1.84	0.00	1.20	8.16X	0.00	
4HNHLG	1.24	0.10	0.25	2.40	1.03	0.16	0.63	-0.23	2.05	1.11	0.49	0.49	0.70	0.05	0.97	
4LL4DK	1.22	-0.30	0.87	2.22	0.16	0.52	0.63	-0.32	0.70	1.01	-0.17	0.04	0.64	-0.82	0.51	
4MJEAM	1.13	-1.82	1.34	2.00	-0.92	0.32	0.59	-0.86	1.21	0.93	-0.73	0.24	0.61	-1.34	0.39	
8MM9GJ	1.66	6.96X	2.82	2.73	2.60X	3.39	1.29	8.62X	7.12	1.75	4.97X	5.02	1.29	9.67X	2.23	
8WCWE7	1.24	0.04	1.59	1.95	-1.14	1.23	0.72	0.95	0.47	0.84	-1.41	0.49	0.74	0.81	0.80	
D7KDUT	1.32	1.41	1.34	2.41	1.07	1.23	0.68	0.40	1.01	1.13	0.65	0.42	0.72	0.38	0.80	
E4CPM3	1.22	-0.34	1.54	2.13	-0.29	0.59	0.67	0.26	0.00	1.10	0.46	0.24	0.69	0.00	0.59	
JWY2Z3	1.18	-1.02	0.66	2.10	-0.43	1.43	0.60	-0.73	0.53	1.00	-0.25	1.35	0.62	-1.12	0.14	
KAZDQL	1.18	-0.91	0.00	2.19	0.03	0.00	0.64	-0.13	0.00	1.04	0.04	0.00	0.67	-0.38	0.00	
MH2JDY	1.17	-1.04	0.34	2.19	0.00	0.94	0.62	-0.37	0.41	1.03	-0.04	0.36	0.67	-0.37	0.54	
N4LJHU	1.23	-0.17	0.51	2.32	0.63	0.49	0.65	-0.01	0.33	1.08	0.30	0.42	0.68	-0.20	0.27	
R3H93T	1.24	0.00	0.71	1.88	-1.46	0.56	0.65	0.01	0.73	0.84	-1.35	0.14	0.69	0.03	0.26	
T4QPTC	1.28	0.70	1.67	2.23	0.22	2.66	0.74	1.20	2.55	1.15	0.77	1.78	0.75	0.84	3.37	
W4W4WN	1.30	1.08	0.51	2.34	0.71	0.26	0.76	1.47	0.30	1.17	0.92	0.21	0.80	1.78	0.04	
W8VFTN	1.26	0.35	0.51	1.43	-3.64X	0.50	0.62	-0.43	0.20	0.90	-0.98	1.35	0.65	-0.64	0.13	

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Grand Median	1.24			2.19			0.65			1.04			0.69		
Median Abs Dev	0.04			0.13			0.03			0.08			0.04			
Avg Within Lab SD	0.02			0.04			0.02			0.02			0.03			
Labs Included	15			15			16			16			15			
Labs Reporting	17			17			17			17			17			



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4HNHLG	2.10	-0.25	2.10	3.27	0.85	1.71	1.28	0.14	0.48	1.47	-0.25	0.55	1.27	0.09	1.20	
4KDMN2	2.00	-0.67	1.16	3.04	0.08	0.62	1.16	-0.67	2.52	1.39	-0.55	2.51	0.39	-6.05X	2.71	
4LL4DK	2.08	-0.32	0.23	3.00	-0.05	0.15	1.14	-0.75	0.26	1.36	-0.65	0.31	1.15	-0.69	0.39	
DQ7BQB	2.29	0.56	0.19	3.40	1.29	0.25	1.26	0.03	0.62	1.63	0.35	0.57	1.32	0.49	0.52	
EXPURP	2.19	0.16	0.25	2.56	-1.57	2.62	1.38	0.82	1.65	1.47	-0.23	0.88	1.17	-0.56	0.52	
GKEW62	2.05	-0.46	0.24	2.90	-0.41	0.26	1.29	0.21	0.28	1.60	0.24	0.20	1.23	-0.16	0.75	
JBW7BL	2.30	0.64	0.14	3.11	0.32	0.33	1.08	-1.20	0.40	1.50	-0.11	0.31	1.34	0.63	0.32	
JCNAXZ	1.73	-1.84	0.31	2.53	-1.67	0.31	0.92	-2.23	0.28	0.92	-2.31	0.19	1.01	-1.68	0.52	
KFLAB3	2.51	1.52	1.02	3.50	1.63	0.76	1.34	0.56	1.16	1.72	0.70	1.49	1.35	0.70	1.05	
KY397Z	2.32	0.72	3.05	2.49	-1.80	2.97	0.81	-2.98X	1.32	1.48	-0.21	1.95	1.02	-1.63	0.91	
L3RDNV	1.87	-1.26	0.70	2.80	-0.74	0.00	1.10	-1.04	0.00	1.40	-0.50	0.00	1.10	-1.07	0.00	
Q4W662	2.06	-0.43	0.25	3.02	0.00	0.17	1.17	-0.60	0.16	1.46	-0.28	0.16	1.18	-0.51	0.36	
Q8A62T	2.07	-0.38	0.84	2.91	-0.36	0.57	1.40	0.93	0.96	1.56	0.09	1.09	1.40	1.02	1.44	
QBB8RU	2.30	0.60	0.07	3.04	0.09	0.40	1.42	1.08	0.22	1.95	1.58	0.44	1.31	0.36	0.24	
RVAVWV	2.08	-0.32	0.60	2.91	-0.36	0.36	1.23	-0.19	0.50	1.45	-0.33	0.29	1.25	0.00	0.32	
T4QPTC	2.56	1.75	1.21	3.06	0.14	0.90	1.25	-0.03	0.76	1.55	0.06	0.29	1.26	0.02	0.12	
U4Z8AM	2.17	0.04	0.70	3.23	0.74	0.95	1.27	0.05	0.80	1.53	0.00	1.45	1.17	-0.61	1.20	
W4W4WN	2.16	0.00	0.37	3.04	0.08	0.36	1.38	0.82	0.71	1.67	0.52	0.85	1.31	0.37	1.15	
WAV3VQ	2.23	0.30	0.78	3.26	0.84	0.55	1.34	0.56	2.05	1.64	0.41	0.72	1.25	0.00	0.52	
XVUPYR	1.14	-4.42X	1.01	1.73	-4.39X	0.39	0.62	-4.19X	0.68	0.79	-2.80X	0.44	0.62	-4.42X	1.50	
Y7AR36	2.38	0.97	0.63	2.93	-0.31	0.17	1.22	-0.23	0.35	1.56	0.10	0.38	1.33	0.51	1.27	
YVBYNL	2.53	1.63	0.49	3.52	1.73	0.31	1.23	-0.16	0.08	2.26	2.75	0.20	1.50	1.75	0.12	
ZWKGAN	2.13	-0.13	1.10	2.99	-0.10	0.17	1.18	-0.49	0.79	2.14	2.29	1.95	1.19	-0.44	2.01	
ZYP8EH	2.03	-0.57	0.63	2.91	-0.35	0.35	1.56	2.00	1.62	1.27	-0.99	0.24	1.03	-1.55	2.44	



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	2.16	3.02	1.26	1.53	1.25	
Median Abs Dev	0.13	0.11	0.09	0.09	0.08	
Avg Within Lab SD	0.08	0.12	0.07	0.11	0.05	
Labs Included	23	23	22	23	22	
Labs Reporting	24	24	24	24	24	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	3.20	-0.06	0.10	3.62	0.78	0.13	1.44	1.03	0.48	2.22	-0.03	0.12	1.85	-0.38	0.07	
3QUNDF	3.02	-0.76	1.34	3.28	-0.65	1.56	1.20	-1.02	0.83	2.02	-0.74	0.58	1.82	-0.54	1.75	
492HCY	3.30	0.34	0.00	3.57	0.54	0.64	1.37	0.40	1.19	2.33	0.38	0.40	2.03	0.41	0.74	
4GCN7G	3.17	-0.19	0.47	3.40	-0.15	0.00	1.30	-0.16	0.00	2.20	-0.10	0.00	1.97	0.12	0.74	
4LL4DK	3.22	0.01	0.79	3.86	1.78	1.96	1.45	1.05	0.35	2.69	1.69	2.14	2.37	1.90	0.81	
4MJEAM	4.83	6.44X	4.01	4.52	4.51X	1.63	1.19	-1.07	1.48	4.33	7.63X	2.16	2.98	4.58X	3.86	
4W87VF	3.21	0.00	0.00	3.69	1.04	0.00	1.82	4.15X	0.01	2.14	-0.33	0.00	2.14	0.87	0.00	
7DQQGH	3.17	-0.18	0.35	3.18	-1.07	1.16	1.29	-0.24	1.03	2.07	-0.57	0.14	1.77	-0.73	0.61	
7XVARJ	3.13	-0.32	0.17	3.44	0.00	0.23	1.31	-0.08	0.36	2.12	-0.40	0.22	1.89	-0.24	0.20	
8LUCUA	2.73	-1.92	0.93	2.93	-2.09	1.69	1.63	2.61	1.19	2.40	0.62	0.00	2.33	1.73	0.74	
8MM9GJ	3.03	-0.73	0.26	3.62	0.75	0.74	1.36	0.37	0.27	2.17	-0.21	0.43	1.92	-0.09	0.24	
ACMCFT	3.26	0.18	0.16	3.52	0.36	0.34	1.30	-0.16	0.36	2.32	0.32	0.17	1.97	0.14	0.75	
AH9CPE	3.42	0.82	0.21	3.63	0.79	0.13	1.41	0.73	0.43	2.48	0.93	0.04	2.11	0.76	0.20	
BJFX47	2.83	-1.53	0.18	3.22	-0.89	0.23	1.20	-1.01	0.71	1.81	-1.51	0.05	1.64	-1.31	0.12	
D7KDUT	3.30	0.33	0.23	3.42	-0.08	0.57	1.38	0.51	0.36	2.37	0.50	0.34	2.12	0.79	0.00	
DN8LY4	2.89	-1.30	0.21	3.07	-1.51	0.89	1.18	-1.13	1.21	2.07	-0.59	0.45	1.86	-0.35	0.00	
DXAB9R	3.37	0.61	0.93	3.67	0.96	0.64	1.37	0.40	1.19	2.47	0.87	0.40	2.07	0.55	0.74	
F24RXR	3.74	2.09	4.41	3.57	0.57	1.89	1.11	-1.77	2.07	2.86	2.31	2.63	2.05	0.47	2.38	
F88X73	3.22	0.01	0.73	3.42	-0.08	1.62	1.33	0.09	0.21	2.24	0.03	0.62	2.07	0.57	0.84	
HPYJ8K	3.40	0.74	0.11	3.75	1.30	0.11	1.42	0.81	0.53	2.50	0.99	0.20	2.18	1.04	0.38	
J399Q8	3.46	0.98	0.61	3.56	0.50	0.51	1.29	-0.24	1.61	2.52	1.07	0.21	2.08	0.60	1.93	
JBW7BL	3.26	0.17	0.44	3.53	0.38	0.65	1.34	0.16	0.46	2.35	0.44	0.27	1.93	-0.05	0.41	
JFNKUZ	3.66	1.77	0.12	4.02	2.44	0.53	1.55	1.95	0.91	2.73	1.84	0.28	2.38	1.93	0.46	
JFWBAY	2.93	-1.15	0.65	3.23	-0.87	1.15	1.40	0.67	0.94	2.21	-0.07	0.69	1.78	-0.72	0.48	
JWY2Z3	3.07	-0.59	2.03	3.43	-0.01	2.78	1.30	-0.16	2.06	2.20	-0.10	1.20	1.83	-0.47	1.48	
KAZDQL	3.13	-0.34	0.00	3.42	-0.07	0.00	1.34	0.17	0.00	2.22	-0.03	0.00	1.87	-0.31	0.00	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LDE88J	2.87	-1.39	0.05	2.98	-1.91	0.06	1.16	-1.35	0.12	2.08	-0.54	0.07	1.90	-0.18	0.13	
LKWK4W	3.20	-0.06	0.08	3.44	0.00	0.13	1.30	-0.19	0.24	2.27	0.14	0.04	1.98	0.17	0.13	
N4LJHU	2.92	-1.19	0.05	3.42	-0.07	0.11	1.25	-0.60	0.12	1.96	-0.96	0.08	1.71	-1.01	0.13	
N7PATF	3.18	-0.15	0.06	3.46	0.10	0.52	1.33	0.08	0.46	2.09	-0.50	0.23	1.87	-0.32	0.22	
NGAVKW	3.09	-0.51	0.62	3.44	0.00	0.43	1.32	-0.01	0.54	2.23	-0.01	0.30	2.11	0.75	0.52	
PWZY2Z	3.41	0.79	0.26	3.48	0.17	0.28	1.43	0.92	0.41	2.25	0.08	0.21	2.19	1.10	0.13	
PXVG32	3.55	1.34	0.14	3.67	0.96	0.17	1.26	-0.49	0.21	2.46	0.85	0.04	2.26	1.40	0.26	
Q8A62T	4.24	4.10X	4.52	4.53	4.55X	0.33	1.54	1.81	0.52	2.23	0.01	0.14	2.66	3.15	0.71	
R3H93T	3.02	-0.77	3.00	3.43	-0.04	2.90	1.32	0.01	2.14	1.91	-1.16	2.44	1.78	-0.72	3.58	
T4QPTC	3.37	0.61	0.47	3.30	-0.57	0.00	1.27	-0.44	1.19	2.50	0.99	0.69	1.90	-0.18	1.28	
T6YRMN	3.41	0.77	2.05	3.63	0.82	2.17	1.29	-0.24	2.72	2.64	1.48	2.34	2.02	0.36	2.50	
TNTQMV	3.35	0.53	0.47	3.56	0.50	0.50	1.36	0.37	1.75	2.58	1.27	0.39	2.07	0.55	0.94	
U4Z8AM	3.23	0.07	0.47	3.40	-0.15	0.00	1.17	-1.27	1.19	2.20	-0.10	0.69	1.93	-0.03	0.74	
UJTTPM	3.38	0.65	0.34	3.50	0.24	0.18	1.35	0.27	0.74	2.27	0.15	0.27	1.95	0.03	0.10	
VP2M8P	3.08	-0.53	0.19	3.27	-0.71	0.15	1.40	0.70	0.32	1.86	-1.35	0.38	1.81	-0.57	0.20	
WP9BVU	2.77	-1.76	0.31	3.09	-1.43	0.25	1.25	-0.57	0.54	1.81	-1.53	0.11	1.72	-0.95	0.45	
WQ3YEP	3.30	0.34	0.09	3.31	-0.52	0.46	1.18	-1.16	0.37	2.14	-0.34	0.11	1.75	-0.82	0.12	
YB6NJH	3.13	-0.32	0.47	3.40	-0.15	1.10	1.33	0.12	1.19	1.70	-1.92	4.21	1.93	-0.03	1.48	
YJVAPG	3.13	-0.32	0.47	3.30	-0.57	0.00	1.20	-0.99	0.00	2.20	-0.10	0.00	1.90	-0.18	0.00	
ZBK84F	3.32	0.43	0.20	3.45	0.07	0.17	1.24	-0.63	0.12	2.35	0.43	0.08	1.84	-0.46	0.64	
ZWKGAN	3.38	0.68	0.07	3.85	1.70	0.20	1.42	0.80	0.26	2.36	0.47	0.09	2.16	0.98	0.13	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115	
Grand Median	3.21	3.44	1.32	2.23	1.94	
Median Abs Dev	0.15	0.14	0.07	0.14	0.13	
Avg Within Lab SD	0.12	0.09	0.05	0.14	0.08	
Labs Included	45	45	46	46	46	
Labs Reporting	47	47	47	47	47	



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4MJEAM	5.70		1.70	5.36		1.62	1.67		1.39	5.15		1.66	3.66		1.73	
8WCWE7	3.90		0.31	4.07		0.60	1.37		1.03	2.90		0.48	2.40		0.00	
LDE88J	2.65		0.02	2.75		0.06	1.11		0.10	1.94		0.05	1.78		0.05	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	3.90			4.07			1.37			2.90			2.40			
Median Abs Dev																
Avg Within Lab SD	0.32			0.10			0.06			0.21			0.20			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7XVARJ	0.90	0.44	0.00	9.27	3.64	2.67	0.27	0.00	2.17	5.47	2.57	2.71	0.50	0.07		
8WCWE7	0.55	-0.27	0.20	3.84	-0.17	0.40				2.33	-0.25	0.29				
DN8LY4	3.71	6.09X	0.69	14.73	7.47X	0.22	2.61	2.51	0.11	14.75	10.93X	0.75	2.79	2.24	0.00	
MH2JDY	0.39	-0.57	0.85	3.33	-0.52	0.36	0.17	-0.10	0.15	1.86	-0.67	0.10	0.21	-0.21	0.28	
P4GNCT	0.68	0.00	0.38	4.46	0.27	0.06				2.94	0.29	0.08				
QBB8RU	1.57	1.79	0.00	4.71	0.44	0.04	1.57	1.40	0.00	3.73	1.01	0.49	1.78	1.28	0.83	
U4Z8AM	0.27	-0.83	2.01	4.20	0.09	0.69	0.27	0.00	1.08	2.33	-0.25	0.54	0.23	-0.19	2.00	
W4W4WN				3.95	-0.09	0.00				2.80	0.17	0.00				
ZWKGAN	1.08	0.81	1.44	3.81	-0.18	0.33	0.23	-0.04	0.31	2.42	-0.17	0.11	0.36	-0.07	0.47	

CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	0.68			4.08			0.27			2.61			0.43			
Median Abs Dev	0.29			0.32			0.06			0.30			0.21			
Avg Within Lab SD	0.03			0.25			0.05			0.21			0.03			
Labs Included	7			8			6			8			6			
Labs Reporting	8			9			6			9			6			



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QLTGM	27.2	2.35		25.7	1.44		12.9	8.79X		32.6	1.92		13.5	0.56		
4MJEAM	20.0	0.27	2.08	18.7	0.09	1.54	5.4	0.28	0.77	22.8	-0.16	1.76	12.9	0.19	1.21	
8MM9GJ	18.9	-0.04	1.24	26.2	1.54	2.10	2.3	-3.15	2.13	24.0	0.08	1.51	11.9	-0.52	1.57	
8WCWE7	22.7	1.05	1.00	21.5	0.62	0.79	5.1	0.00	0.46	25.9	0.50	1.37	13.9	0.80	0.90	
DN8LY4	14.9	-1.21	0.25	14.7	-0.70	0.11	4.6	-0.62	0.15	17.6	-1.28	0.40	10.4	-1.49	0.16	
DQ7BQB	18.6	-0.13	0.46	16.7	-0.31	0.58	5.1	0.00	0.19	22.0	-0.34	0.44	10.4	-1.50	2.03	
T4QPTC	18.4	-0.18	0.58	17.3	-0.19	0.86	6.0	1.01	1.86	22.8	-0.17	0.54	12.4	-0.17	0.18	
W4W4WN	21.4	0.69	0.25	25.1	1.32	0.29	5.4	0.32	0.00	30.0	1.37	0.58	14.5	1.24	0.09	
XVUPYR	16.4	-0.77	0.65	15.9	-0.46	0.39	4.7	-0.43	0.10	27.5	0.84	0.44	12.4	-0.14	0.14	
YVBYNL	19.2	0.04	1.03	17.8	-0.09	0.51	4.9	-0.27	0.38	23.2	-0.08	0.78	12.9	0.14	0.23	

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	19.1			18.3			5.11			23.6			12.7			
Median Abs Dev	1.7			2.8			0.29			2.0			0.8			
Avg Within Lab SD	0.6			0.5			0.40			0.6			0.6			
Labs Included	10			10			9			10			10			
Labs Reporting	10			10			10			10			10			



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	22.5	1.08	0.32	29.5	0.00	0.88	6.7	0.00	0.67	33.7	0.00	1.55	15.3	1.41	1.59	
492HCY	21.0	0.48		32.7	0.54	0.71	12.0	1.73		40.0	0.82	1.34	12.7	0.00	0.83	
4MJEAM	15.1	-1.82	0.54	20.3	-1.57	0.54	10.2	1.16	0.54	22.0	-1.51	0.59	12.2	-0.24	0.50	
7DQQGH	19.8	0.00	0.71	24.1	-0.93	0.57	5.8	-0.32	1.06	28.8	-0.64	0.41	12.7	0.04	0.85	
8LUCUA	19.3	-0.19	1.20	30.5	0.17	1.97	6.7	0.00	0.19	38.7	0.66	0.20	11.2	-0.76	0.30	
8MM9GJ	17.8	-0.75	0.25	31.2	0.29	0.61	3.1	-1.21	0.07	37.6	0.51	1.63	10.3	-1.23	0.14	
D7KDUT	16.5	-1.25	0.41	35.9	1.09	1.11	8.3	0.51	0.48	32.8	-0.11	0.91	11.0	-0.90	0.19	
F88X73	18.8	-0.39	1.40	26.3	-0.55	0.24	9.8	1.00	0.10	30.2	-0.45	0.87	14.5	0.99	1.66	
KY397Z	20.9	0.43	1.34	28.6	-0.16	1.54	4.1	-0.88	0.06	35.0	0.17	0.90	12.1	-0.32	0.35	
N4LJHU	21.4	0.65	0.69	32.1	0.44	0.98	8.2	0.49	0.05	41.9	1.06	0.28	13.9	0.66	0.17	
TNTQMV	18.3	-0.57	0.15	22.5	-1.19	1.17	3.0	-1.22	0.10	28.8	-0.64	0.97	10.1	-1.34	0.08	
WP9BVU	20.5	0.29	2.27	28.8	-0.13	0.14	7.1	0.13	3.13	33.2	-0.06	1.36	13.0	0.16	2.32	
XM3ABM	22.0	0.87	0.15	39.6	1.72	0.92	6.3	-0.13	0.25	50.2	2.14	0.54	14.0	0.72	0.58	

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups					Data units: cmol/kg
	SRS2111	SRS2112	SRS2113	SRS2114	SRS2115
Grand Median	19.8	29.5	6.73	33.7	12.7
Median Abs Dev	1.5	3.2	1.54	4.9	1.4
Avg Within Lab SD	0.6	0.8	0.60	0.7	0.7
Labs Included	13	13	13	13	13
Labs Reporting	13	13	13	13	13



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4872UB	1.32	-0.02	0.77	1.32	0.06	0.88	1.27	-0.19	0.55	1.29	0.05	1.32	1.29	-0.29	0.96	
4KDMN2	1.29	-0.27		1.29	-0.10		1.28	-0.08		1.28	-0.05		1.36	0.21		
7WKAPX	1.38	0.57	0.20	1.43	0.80	0.29	1.41	0.98	0.66	1.40	0.76	0.40	1.42	0.63	0.81	
AWLKQH	2.53	11.92X	1.01	2.55	8.35X	0.33	2.64	11.07X	0.32	2.55	8.16X	0.22	2.33	7.59X	0.71	
JWY2Z3	1.32	0.02	0.87	1.27	-0.28	1.33	1.30	0.08	2.23	1.21	-0.49	1.95	1.30	-0.21	0.96	
KY397Z	1.45	1.26	0.29	1.45	0.98	0.33	1.46	1.34	0.32	1.49	1.34	0.00	1.47	1.07	0.71	
UHLDFW	1.27	-0.44	0.28	1.09	-1.46	1.96	1.27	-0.16	0.68	1.16	-0.80	0.62	1.26	-0.57	0.95	
W4W4WN	1.58	2.57	0.00	1.56	1.67	0.33	1.56	2.18	0.00	1.57	1.85	0.00	1.61	2.11	0.00	
XM3ABM	1.29	-0.25	2.33	1.30	-0.06	0.58	1.25	-0.39	0.84	1.27	-0.06	0.96	1.29	-0.29	1.75	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	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	1.32			1.31			1.29			1.28			1.33			
Median Abs Dev	0.04			0.08			0.04			0.10			0.06			
Avg Within Lab SD	0.02			0.02			0.02			0.03			0.02			
Labs Included	8			8			8			8			8			
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	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2EENTE	50.8	0.81	1.33	51.7	0.60	0.31	74.2	-0.23	0.40	29.6	1.16	0.47	42.5	0.31	0.67	
2WDGYM							75.2	-0.07	0.55	23.4	-0.16	0.53	38.9	-0.29	0.77	
3QUNDF	52.5	1.16	0.70	53.2	0.87	0.31	81.9	0.95	0.90	28.7	0.97	0.65	46.5	0.98	1.00	
4872UB	46.9	0.00	0.70	47.1	-0.21	0.33	72.6	-0.47	0.67	24.6	0.09	0.79	41.1	0.09	0.97	
492HCY	49.0	0.43		52.0	0.66		79.0	0.51		22.0	-0.47		23.0	-2.90		
4KDMN2	45.8	-0.23	0.53	50.5	0.39	0.20	83.3	1.18	0.84	22.9	-0.27	0.54	45.6	0.82	0.85	
4MJEAM	46.4	-0.11	0.61	51.1	0.49	0.25	82.5	1.05	0.60	21.1	-0.66	0.16	39.9	-0.12	0.26	
7DQQGH	51.0	0.84		51.0	0.48		71.0	-0.72		31.0	1.47		41.0	0.07		
8MM9GJ	51.7	0.98	0.40	54.0	1.01		82.0	0.97		28.0	0.82		49.3	1.44	0.31	
AP7294	45.3	-0.33	0.80	43.3	-0.88	0.25	68.7	-1.08	0.64	20.7	-0.75	0.75	40.0	-0.10		
AWLKQH	43.2	-0.77	0.00	45.1	-0.56	0.22	73.8	-0.28	0.33	20.0	-0.89	0.05	33.6	-1.16	0.19	
D7KDUT	47.6	0.13		53.5	0.92		77.4	0.26		25.4	0.26		43.2	0.43		
DN8LY4	50.3	0.70	1.06	51.7	0.60	0.13	76.3	0.10	0.32	27.3	0.68	0.99	45.3	0.78	1.12	
DQ7BQB	40.1	-1.42	1.35	40.4	-1.39	0.66	66.9	-1.35	0.63	22.0	-0.46	3.39	33.8	-1.12	2.93	
E4CPM3	41.5	-1.12	0.30	46.1	-0.39	0.10	78.2	0.39	0.20	19.2	-1.07	0.16	36.5	-0.68	0.25	
F88X73	48.5	0.32	1.39	47.0	-0.24	0.12	78.2	0.39	0.11	31.2	1.52	0.55	45.5	0.80	0.03	
JWY2Z3	49.3	0.48	0.66	47.3	-0.18	0.88	70.6	-0.78	0.03	22.5	-0.36	0.29	40.2	-0.07	0.00	
KY397Z	51.0	0.84		49.3	0.18	0.13	75.7	0.00	0.64	29.0	1.04		43.0	0.40		
LKWK4W	42.9	-0.83	0.00	39.4	-1.58	0.00	72.9	-0.42	0.40	23.5	-0.14	0.52	37.6	-0.50	0.03	
PWZY2Z	61.4	3.00X	0.00	39.9	-1.49	4.66	81.3	0.86	0.00	39.5	3.30X	0.00	67.4	4.41X	0.00	
PXVG32	43.5	-0.71	0.00	53.3	0.89	0.00	71.1	-0.70	0.00	27.1	0.63	0.00	38.5	-0.35	0.00	
QBB8RU	53.4	1.33	0.10	56.1	1.38	0.03	84.8	1.40	0.01	42.7	3.97X	0.43	48.5	1.30	0.25	
R3H93T	42.8	-0.85	3.15	44.8	-0.61	0.99	68.2	-1.15	3.82	24.2	0.00	2.20	38.2	-0.40	2.73	
TNTQMV	41.3	-1.17	0.77	44.9	-0.60	0.14	68.6	-1.09	0.29	22.9	-0.26	0.42	35.9	-0.77	0.25	
W4W4WN	46.0	-0.19		46.0	-0.41		72.0	-0.56		22.0	-0.47		36.0	-0.76		
W8VFTN	50.0	0.63		52.1	0.67	0.16	80.0	0.67		28.3	0.89	0.47	47.1	1.07	0.39	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115		
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
YB6NJH	50.0	0.63		54.0	1.01	0.44	82.7	1.08	1.69	30.7	1.40	0.75	46.7	1.00	1.25
YVBYNL	46.0	-0.19	1.08	46.7	-0.28	0.31	75.4	-0.05	0.83	25.2	0.21	0.97	42.9	0.38	0.00
ZWKGAN	46.7	-0.06	0.80	46.3	-0.35	0.33	71.7	-0.61	0.85	20.3	-0.82	0.37	40.0	-0.10	0.54
ZXBQVP	43.8	-0.64	0.11	46.2	-0.37	0.02	76.9	0.19	0.12	20.2	-0.86	0.37	36.0	-0.76	0.14
ZYP8EH	54.8	1.62	0.21	51.6	0.58	0.23	84.4	1.34	1.27	27.8	0.78	0.64	42.5	0.32	0.77
Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	46.9			48.3			75.7			24.2			40.6		
Median Abs Dev	3.4			3.4			4.3			3.2			3.6		
Avg Within Lab SD	1.4			4.6			1.8			1.5			1.9		
Labs Included	29			30			31			29			30		
Labs Reporting	30			30			31			31			31		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2EENTE	24.2	0.24	1.85	31.7	0.19	0.48	22.9	1.00	0.58	33.8	0.06	0.73	31.7	0.44	0.49		
2WDGYM							20.5	0.57	0.66	72.2	3.97X	0.36	32.6	0.61	0.62		
3QUNDF	23.1	0.03	0.90	27.7	-0.38	1.45	13.1	-0.74	0.75	33.1	-0.01	0.75	25.7	-0.60	1.38		
4872UB	25.9	0.57	1.84	33.3	0.43	1.22	21.5	0.76	0.77	40.1	0.71	0.59	30.5	0.24	0.93		
492HCY	18.0	-0.96		22.0	-1.22		12.0	-0.93		32.0	-0.12		23.0	-1.08			
4KDMN2	26.2	0.64	0.75	28.2	-0.32	1.35	8.7	-1.52	1.23	41.1	0.80	1.53	24.4	-0.83	1.08		
4MJEAM	28.5	1.08	0.54	31.3	0.15	0.53	11.5	-1.02	0.83	45.5	1.25	0.51	32.0	0.50	0.53		
7DQQGH	26.0	0.60		32.0	0.24		20.0	0.49		50.0	1.71		30.0	0.15			
8MM9GJ	22.0	-0.18		27.3	-0.44	0.38	14.7	-0.46	0.47	36.3	0.32	0.34	26.7	-0.43	0.40		
AP7294	19.0	-0.76		28.7	-0.25	0.76	22.0	0.84		30.7	-0.26	0.67	28.0	-0.20			
AWLKQH	29.6	1.30	0.51	39.6	1.35	0.22	19.2	0.34	0.60	52.0	1.91	0.06	37.6	1.47	0.26		
D7KDUT	22.3	-0.12		24.4	-0.88		12.4	-0.85		30.4	-0.28		24.5	-0.81			
DN8LY4	18.7	-0.83	1.12	26.7	-0.54	0.76	17.3	0.01	0.94	32.7	-0.05	0.67	23.3	-1.02	1.58		
DQ7BQB	22.3	-0.11	0.02	31.1	0.11	1.51	17.2	-0.01	0.93	30.4	-0.29	3.05	27.1	-0.36	3.47		
E4CPM3	31.7	1.71	1.12	37.1	0.99	0.10	16.4	-0.16	0.54	44.7	1.17	0.19	39.8	1.86	0.46		
F88X73	21.7	-0.24	1.75	35.7	0.78	0.07	15.5	-0.32	0.37	30.9	-0.23	0.58	24.7	-0.77	0.14		
JWY2Z3	20.1	-0.55	0.63	30.0	-0.05	3.03	24.5	1.28	0.24	32.0	-0.13	0.61	29.7	0.10	0.41		
KY397Z	20.0	-0.57		29.3	-0.15	0.76	17.3	0.01	0.94	28.0	-0.53		26.3	-0.49	0.40		
LKWK4W	27.9	0.97	0.00	38.7	1.22	0.86	19.9	0.46	1.22	37.1	0.40	0.44	34.7	0.97	0.47		
PWZY2Z	9.4	-2.62X	0.00	18.4	-1.75	0.00	1.5	-2.79X	0.00	23.0	-1.04	0.00	2.8	-4.61X	0.00		
PXVG32	20.7	-0.43	0.00	22.7	-1.12	0.00	16.8	-0.07	0.00	23.0	-1.04	0.00	27.3	-0.32	0.00		
QBB8RU	19.2	-0.73	0.32	17.3	-1.91	0.09	6.3	-1.93	0.14	16.2	-1.73	0.34	21.5	-1.35	0.35		
R3H93T	18.3	-0.89	0.28	25.0	-0.78	0.57	18.3	0.19	1.83	26.3	-0.70	1.93	25.7	-0.61	0.71		
TNTQMV	30.3	1.44	0.68	35.0	0.68	0.26	23.7	1.14	0.57	40.7	0.76	0.55	32.0	0.50	0.41		
W4W4WN	28.0	0.99		40.0	1.42		26.0	1.55		44.0	1.10		37.0	1.37			
W8VFTN	22.1	-0.16	0.70	28.3	-0.30	0.48	12.9	-0.77	0.58	32.1	-0.11	0.42	24.2	-0.87	0.49		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
YB6NJH	25.7	0.53	1.48	29.0	-0.20	1.32	15.3	-0.34	2.48	33.3	0.01	0.67	30.3	0.21	1.58
YVBYNL	22.1	-0.16	1.51	30.9	0.09	0.04	17.0	-0.04	1.22	33.9	0.07	0.00	28.6	-0.10	0.00
ZWKGAN	28.0	0.99	0.97	35.3	0.73	1.37	23.7	1.14	0.94	40.3	0.73	0.34	31.7	0.44	0.40
ZXBQVP	32.2	1.80	0.59	40.6	1.50	0.64	18.8	0.27	0.40	54.2	2.14	1.51	35.7	1.15	0.43
ZYP8EH	22.9	0.00	0.63	30.7	0.05	1.13	11.5	-1.01	1.75	27.6	-0.57	1.59	31.4	0.40	0.83

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	22.9			30.3			17.3			33.2			29.2		
Median Abs Dev	3.1			3.3			3.7			5.4			3.1		
Avg Within Lab SD	1.0			1.5			1.2			1.7			1.5		
Labs Included	29			30			30			30			30		
Labs Reporting	30			30			31			31			31		



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups																Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2EENTE	25.0	-0.63		16.7	-0.59	0.51	2.9	-1.02	0.64	36.7	-0.29	0.40	25.8	-0.91	0.95			
2WDGYM							4.3	-0.65	0.16	4.4	-4.53X	0.14	28.5	-0.09	0.35			
3QUNDF	24.4	-0.76	0.32	19.1	-0.14	0.59	5.1	-0.43	0.74	38.4	-0.06	1.24	27.7	-0.33	0.81			
4872UB	27.2	-0.16	1.48	19.6	-0.04	0.28	5.9	-0.22	0.88	35.3	-0.47	0.79	28.3	-0.15	1.37			
492HCY	33.0	1.07		26.0	1.15		9.0	0.64		46.0	0.94		33.0	1.28				
4KDMN2	28.0	0.01		21.3	0.28	0.81	8.0	0.37		36.0	-0.38	1.93	30.0	0.36				
4MJEAM	25.1	-0.60	0.27	17.6	-0.41	0.23	6.0	-0.19	0.09	33.4	-0.72	0.36	28.1	-0.21	0.27			
7DQQGH	23.0	-1.06		17.0	-0.53		9.0	0.64		19.0	-2.61		29.0	0.06				
8MM9GJ	26.3	-0.35	0.47	18.7	-0.22	0.41	3.3	-0.91	0.51	35.7	-0.42	0.32	24.0	-1.47				
AP7294	35.7	1.64	0.93	29.0	1.71		10.3	1.01	1.03	49.7	1.42	0.64	33.0	1.28				
AWLKQH	27.2	-0.16	0.41	15.3	-0.85	0.47	7.0	0.09	0.17	28.0	-1.43	0.11	28.9	0.02	0.36			
D7KDUT	30.2	0.47		22.2	0.43		10.2	0.97		44.2	0.70		32.3	1.06				
DN8LY4	30.3	0.51	0.93	21.0	0.22		5.7	-0.27	1.03	39.7	0.10	0.64	31.0	0.67				
DQ7BQB	37.6	2.06	1.59	28.5	1.61	0.81	15.9	2.53	0.02	47.6	1.15	0.01	39.1	3.15X	0.79			
E4CPM3	26.8	-0.24	0.62	16.7	-0.58	0.27	5.4	-0.34	0.27	36.1	-0.36	0.25	23.8	-1.54	0.30			
F88X73	29.8	0.39	0.16	17.3	-0.47	0.46	6.3	-0.09	0.58	37.9	-0.13	0.08	29.8	0.30	0.11			
JWY2Z3	30.8	0.60	0.28	22.8	0.55	0.42	5.0	-0.46	0.31	45.6	0.88	0.33	30.1	0.40	0.40			
KY397Z	29.0	0.22		21.3	0.28	0.41	7.0	0.09		43.0	0.54		30.7	0.57	0.38			
LKWK4W	29.2	0.26	0.00	21.9	0.38	0.92	7.2	0.15	0.69	39.3	0.06	0.03	27.7	-0.33	0.50			
PWZY2Z	29.1	0.25	0.00	29.4	1.77	0.00	17.2	2.89X	0.00	37.5	-0.18	0.00	29.8	0.32	0.00			
PXVG32	35.8	1.66	0.00	24.0	0.77	0.00	12.0	1.47	0.00	50.0	1.46	0.00	34.2	1.65	0.00			
QBB8RU	27.5	-0.10	0.38	26.6	1.25	0.19	8.9	0.61	0.15	41.2	0.30	0.17	30.0	0.37	0.51			
R3H93T	38.8	2.32	3.43	30.2	1.92	3.80	13.5	1.87	4.24	49.5	1.40	2.93	36.2	2.25	3.62			
TNTQMV	28.4	0.09	0.70	20.1	0.04	0.22	7.7	0.30	0.27	36.4	-0.32	0.33	32.1	1.00	0.20			
W4W4WN	26.0	-0.42		14.0	-1.09		2.0	-1.27		34.0	-0.64		27.0	-0.55				
W8VFTN	27.9	-0.01	0.58	19.6	-0.05	0.51	7.1	0.12	0.64	39.6	0.09	0.40	28.8	-0.02				



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
YB6NJH	24.3	-0.77	1.23	17.0	-0.53		1.7	-1.35	0.05	36.0	-0.38		23.0	-1.78		
YVBYNL	31.9	0.84	0.00	22.3	0.47	1.06	7.6	0.26	0.00	40.9	0.27	0.83	28.5	-0.09		
ZWKGAN	25.3	-0.56	0.47	18.3	-0.28	0.41	4.7	-0.54	0.51	39.3	0.06	0.64	28.3	-0.15	1.01	
ZXBQVP	24.1	-0.82	0.77	13.2	-1.23	0.65	4.3	-0.64	0.32	25.7	-1.73	1.76	28.3	-0.16	0.29	
ZYP8EH	22.3	-1.21	0.70	17.7	-0.39	1.62	4.1	-0.71	0.21	44.6	0.75	1.91	26.0	-0.85	0.29	

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	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	28.0			19.8			6.66			38.9			28.8			
Median Abs Dev	2.5			2.7			2.10			3.4			1.3			
Avg Within Lab SD	1.2			1.4			1.13			1.8			1.5			
Labs Included	30			30			30			30			30			
Labs Reporting	30			30			31			31			31			



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115			
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	
QBB8RU	28.9		1.36	28.7		1.27	11.5		1.07	37.1		1.26	30.1		1.40	
UHLDFW	33.7		0.38	39.2		0.63	11.2		0.92	45.2		0.64	37.5		0.16	
Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %		
SRS2111				SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	31.3			33.9			11.4			41.2			33.8			
Median Abs Dev																
Avg Within Lab SD	0.2			0.1			0.1			0.2			0.3			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups													Data units: %		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
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
QBB8RU	17.8		1.36	17.8		1.13	6.2		1.28	25.2		1.35	18.7		1.40
UHLDFW	18.1		0.38	16.0		0.85	6.1		0.59	25.1		0.42	15.0		0.17
Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups													Data units: %		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	18.0			16.9			6.17			25.1			16.8		
Median Abs Dev															
Avg Within Lab SD	0.2			0.1			0.09			0.1			0.3		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JCNAXZ	4.81		1.30	1.76		1.21	1.12		1.31	2.58		0.09	2.82		1.93	
QBB8RU	11.10		0.07	10.96		0.43	5.29		0.12	11.90		0.05	11.44		0.47	
UHLDFW	15.59		1.50	23.17		1.44	5.09		1.50	21.83		2.00	22.59		0.18	
XVUPYR	5.81		0.21	3.12		0.54	1.64		0.16	4.42		0.01	4.13		0.18	
Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	8.45			7.04			3.36			8.16			7.79			
Median Abs Dev																
Avg Within Lab SD	0.09			0.06			0.04			1.38			0.11			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
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
4LL4DK	910.4		0.10	446.0		0.43	204.1		0.79	380.4		0.05	116.4		0.08
LKWK4W	1,037.4		0.04	469.3		0.15	218.8		0.64	427.2		0.09	151.7		0.20
WP9BVU	870.7		1.73	437.7		1.67	248.0		1.40	377.3		1.73	168.0		1.72
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115		
Grand Median	910.4			446.0			218.8			380.4			151.7		
Median Abs Dev															
Avg Within Lab SD	85.7			22.3			4.9			34.4			9.5		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4HNHLG	40.33		1.27	4.67		1.37	14.00		1.12	51.67		1.27	14.00			
GKEW62	36.27		0.63	5.80		0.37	14.77		0.87	54.67		0.62	12.53		1.00	
W4W4WN	35.00			4.00			10.00			57.00			10.00			
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS2111			SRS2112			SRS2113			SRS2114			SRS2115			
Grand Median	36.3			4.67			14.0			54.7			12.5			
Median Abs Dev																
Avg Within Lab SD	1.2			1.52			0.9			1.2			0.6			
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		
SRS2111				SRS2112				SRS2113			SRS2114			SRS2115		
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	
W4W4WN							36.33		0.03	1.00			2.00			
WP9BVU	0.37		1.00	0.25		1.00	64.20		1.41	0.61		1.00	2.49		1.00	
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg		
SRS2111				SRS2112				SRS2113			SRS2114			SRS2115		
Grand Median	0.37			0.25			50.3			0.80			2.24			
Median Abs Dev	0.06			0.05			20.1			0.63			0.38			
Avg Within Lab SD	1			1			2			2			2			
Labs Included	1			1			2			2			2			
Labs Reporting	1			1			2			2			2			



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Dry Matter (%) (SubTestCode 201)													Data units: Percent	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4W87VF	95.3	-0.25	0.19	93.7	-0.27	0.14	94.1	-0.08	0.33	92.8	-0.13	0.29		
8MM9GJ	95.8	0.39	0.96	94.2	0.13	1.17	94.6	0.43	0.46	94.9	1.28	1.31		
8MVYWH	95.8	0.36	0.00	94.8	0.66	0.00	94.4	0.20	0.00	93.2	0.13	0.00		
D7KDUT	96.1	0.72	0.61	94.4	0.28	0.22	94.9	0.69	0.42	93.2	0.10	0.42		
DN8LY4	93.9	-1.72	0.52	92.2	-1.59	1.08	92.4	-1.86	0.37	91.2	-1.23	0.53		
DXAB9R	95.2	-0.35	0.15	93.2	-0.67	0.21	93.9	-0.31	0.10	91.6	-0.93	0.52		
F88X73	96.9	1.59	0.32	94.9	0.75	0.00	94.8	0.65	0.39	93.9	0.60	0.00		
KJKNYR	96.3	0.92	0.00	94.7	0.58	0.00	94.8	0.61	0.00	93.1	0.06	0.00		
LKWK4W	95.3	-0.21	0.12	94.0	0.00	0.08	94.0	-0.21	0.26	92.1	-0.59	0.14		
N4LJHU	96.1	0.73	0.49	94.0	0.01	1.07	93.5	-0.70	0.15	91.8	-0.78	0.57		
NGAVKW	94.2	-1.39	1.95	91.6	-2.05	1.32	91.8	-2.49	1.54	90.7	-1.54	1.37		
Q8A62T	94.5	-1.08	0.00	91.6	-2.06	0.84	92.3	-1.94	0.01	90.2	-1.86	0.17		
R3H93T	95.5	-0.02	3.19	93.4	-0.51	3.12	94.2	0.01	3.57	92.2	-0.51	3.34		
W4W4WN	96.3	0.94	0.00	95.3	1.08	0.00	95.0	0.78	0.00	94.5	0.97	0.00		
W8VFTN	95.5	0.06	0.10	94.0	-0.05	0.06	94.2	0.00	0.05	93.0	0.00	0.04		
WQ3YEP	94.8	-0.72	0.18	93.8	-0.20	0.13	93.8	-0.43	0.06	93.0	0.00	0.17		
XM3ABM	95.5	0.00		94.7	0.57		94.3	0.08		94.1	0.76			

Dry Matter (%) (SubTestCode 201)					Data units: Percent	
	SRB2109		SRB2110		SRB2111	SRB2112
Grand Median	95.5		94.0		94.2	93.0
Median Abs Dev	0.6		0.7		0.4	0.9
Avg Within Lab SD	0.3		0.5		0.4	0.4
Labs Included	17		17		17	17
Labs Reporting	17		17		17	17



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NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	25.5	0.09	0.41	3,476.7	0.55	1.09	120.7	-1.04	0.32	6,206.7	-0.05	0.17
8MM9GJ	9.7	-0.44	0.49	3,017.7	-0.74	1.02	148.4	-0.01	0.13	3,442.5	-3.17X	28.31
DN8LY4	1.8	-0.71	0.00	2,906.0	-1.05	1.81	109.0	-1.48	0.63	5,411.7	-0.95	0.80
DXAB9R	12.6	-0.34	0.14	3,379.2	0.27	0.20	141.4	-0.27	0.07	7,552.1	1.47	1.01
F24R XR	148.6	4.22X	7.45	3,293.1	0.03	1.89	148.8	0.01	2.94	6,836.7	0.66	0.56
GKEW62	92.7	2.34	1.18	3,183.3	-0.28	0.67	193.3	1.67	1.17	6,007.0	-0.27	0.87
JBW7BL	123.9	3.39	0.31	3,424.6	0.40	0.63	93.9	-2.04	0.10	7,264.7	1.15	0.82
KAZDQL	22.1	-0.03	0.00	3,206.0	-0.21		162.0	0.50		6,050.0	-0.22	
N4LJHU	4.0	-0.64	0.07	3,609.9	0.92	0.70	151.5	0.11	0.14	6,837.9	0.67	0.43
R3H93T	23.7	0.03	0.38	2,466.7	-2.29	0.19	126.0	-0.84	1.67	5,263.3	-1.11	2.05
T4QPTC	8.5	-0.48	0.30	3,943.0	1.85	0.13	158.4	0.37	0.06	7,875.0	1.84	1.02
W8VFTN	32.4	0.32	0.02	3,282.1	0.00	0.29	160.7	0.45	0.03	6,451.5	0.23	0.93
WP9BVU	30.0	0.24	2.54	3,126.3	-0.44	0.30	144.3	-0.16	0.46	6,250.7	0.00	0.33
WQ3YEP	28.9	0.20	0.26	3,615.7	0.94	0.81	190.0	1.55	1.13	6,949.7	0.79	0.57
YB6NJH	16.4	-0.22	0.62	3,330.0	0.13	1.39	150.0	0.05	0.13	5,593.3	-0.74	1.44
YWQCGP	9.0	-0.47	0.15	2,865.3	-1.17	1.46	142.3	-0.23	0.31	5,683.3	-0.64	1.60
ZYP8EH	48.7	0.86	2.62	3,213.3	-0.19	0.76	405.3	9.60X	1.98	6,247.3	0.00	0.44

NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

	SRB2109	SRB2110	SRB2111	SRB2112
Grand Median	22.9	3,282.1	148.6	6,249.0
Median Abs Dev	11.7	155.7	11.0	588.3
Avg Within Lab SD	6.6	90.4	15.7	146.4
Labs Included	16	17	16	16
Labs Reporting	17	17	17	17



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NO3 - N ISE (SubTestCode 203)												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AH9CPE	26.4	-0.58	0.05	3,546.7	0.00	0.53	160.0	-1.04	0.15	8,213.3	1.07	1.64	
HPYJ8K	31.9	-0.55	0.34	3,379.7	-0.39	0.38	175.3	-0.97	0.27	7,391.2	0.00	0.42	
NGAVKW	120.4	0.00	0.05	3,774.9	0.53	0.10	478.4	0.47	0.06	7,333.8	-0.07	0.13	
TNTQMV	455.7	2.08	2.21	4,170.0	1.46	2.14	564.3	0.88	2.21	8,096.7	0.92	1.45	
W4W4WN	145.3	0.15	0.00	3,125.6	-0.99	0.02	379.1	0.00	0.10	6,388.3	-1.31	0.00	

NO3 - N ISE (SubTestCode 203)					Data units: mg/kg	
	SRB2109	SRB2110	SRB2111	SRB2112		
Grand Median	120.4	3,546.7	379.1	7,391.2		
Median Abs Dev	88.6	228.2	185.2	705.5		
Avg Within Lab SD	26.6	173.3	53.5	312.8		
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	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
8MVYWH				2,825.3		0.13	153.3		0.29	5,766.3	0.55
EF3F87	126.0		0.09	3,721.3		1.98	263.7		1.93	7,317.3	1.89
LKWK4W	798.3		1.72	4,016.7		0.20	428.3		0.41	6,883.3	0.30
XM3ABM	48.6		0.16	3,704.2		0.12	198.2		0.17	6,953.6	0.15
NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
	SRB2109			SRB2110			SRB2111			SRB2112	
Grand Median	126.0			3,712.8			230.9			6,918.5	
Median Abs Dev											
Avg Within Lab SD	14.9			141.5			18.7			314.7	
Labs Included	3			4			4			4	
Labs Reporting	3			4			4			4	



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NH4-N (SubTestCode 205)											Data units: mg/kg
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
DN8LY4	18.0		1.41	279.0			218.3		0.09	1,006.3	0.51
EF3F87				759.7		1.00	1,712.0		1.41	2,604.0	1.32
KAZDQL	19.1		0.00	529.0			427.0			1,789.0	
NH4-N (SubTestCode 205)											Data units: mg/kg
	SRB2109			SRB2110			SRB2111			SRB2112	
Grand Median	18.6			529.0			427.0			1,789.0	
Median Abs Dev											
Avg Within Lab SD	0.7			27.4			71.0			16.4	
Labs Included	2			3			3			3	
Labs Reporting	2			3			3			3	



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PO4 - P (SubTestCode 206)												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	357.0	0.03	0.13	4,226.7	-0.67	0.20	3,076.7	-0.51	0.06	5,016.7	-0.39	0.05	
8MM9GJ	271.5	-1.07	0.25	1,942.3	-7.84X	1.01	3,322.1	0.24	0.53	1,692.6	-7.88X	2.06	
DN8LY4	387.3	0.42	0.13	4,504.0	0.20	0.22	3,030.7	-0.65	0.69	5,005.3	-0.42	0.07	
F24RXR	425.0	0.90	2.29	4,725.0	0.89	0.21	3,442.6	0.60	0.33	5,776.0	1.32	0.29	
GKEW62	719.7	4.67X	1.08	5,221.7	2.45	0.50	3,849.0	1.84	0.60	5,323.3	0.30	0.34	
JBW7BL	565.2	2.69	0.34	4,447.7	0.02	0.47	3,734.0	1.49	0.69	4,790.3	-0.90	0.33	
TNTQMV	310.0	-0.57	0.97	4,613.3	0.54	0.10	3,160.0	-0.26	0.62	5,516.7	0.74	0.58	
W4W4WN	320.1	-0.44	0.11	3,900.5	-1.69	0.04	2,788.9	-1.39	0.12	4,555.2	-1.43	0.05	
WP9BVU	387.7	0.42	1.73	4,394.3	-0.14	2.63	3,261.3	0.05	2.70	5,064.3	-0.28	2.95	
YWQCGP	352.7	-0.03	0.62	4,433.0	-0.02	0.63	3,122.3	-0.37	1.21	5,316.7	0.28	0.76	
ZYP8EH	341.3	-0.17	0.46	4,408.0	-0.10	1.43	3,245.0	0.00	0.36	5,492.3	0.68	0.26	

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB2109	SRB2110	SRB2111	SRB2112		
Grand Median	354.8	4,440.4	3,245.0	5,190.5		
Median Abs Dev	33.8	118.3	168.3	243.5		
Avg Within Lab SD	27.3	156.6	89.8	240.3		
Labs Included	10	10	11	10		
Labs Reporting	11	11	11	11		



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
8MM9GJ	403.0		0.61	1,529.1		1.56	817.0		1.72	2,617.1	1.99
DN8LY4	360.7		0.61	1,814.0		0.97	759.3		0.45	6,986.0	0.09
NGAVKW	461.1		0.05	1,719.9		0.75	810.8		0.91	6,838.5	0.14
W4W4WN	252.6		1.81	1,229.6		0.20	516.0		0.00	5,022.8	0.04

SO4 - S (SubTestCode 207)										Data units: mg/kg	
	SRB2109			SRB2110			SRB2111			SRB2112	
Grand Median	381.9			1,624.5			785.1			5,930.6	
Median Abs Dev											
Avg Within Lab SD	6.6			15.2			11.1			890.8	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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CI (SubTestCode 208)												Data units: Percent		
WebCode	SRB2109			SRB2110			SRB2111			SRB2112				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3QUNDF	0.17	2.36	3.17	0.80	1.22	0.00	0.10	0.89	0.00	0.97	-1.70	1.19		
4KDMN2	0.05	0.03	0.08	0.65	0.05	0.08	0.05	-0.02	1.27	1.27	0.18	0.12		
8MM9GJ	0.04	-0.21		0.55	-0.77	1.45	0.44	7.36X	90.15	1.20	-0.26	3.28		
8MVYWH	0.03	-0.43	0.32	0.57	-0.61	0.30	0.04	-0.32	0.72	1.20	-0.26	0.12		
DN8LY4	0.04	-0.10	0.32	0.69	0.39	0.30	0.02	-0.63	0.00	1.41	1.10	0.12		
EF3F87	0.08	0.63	0.89	0.11	-4.20X	1.53	0.08	0.44	2.85	0.17	-6.70X	1.06		
LKWK4W	0.03	-0.31	0.03	0.57	-0.62	0.32	0.01	-0.82	0.14	1.15	-0.57	0.08		
MH2JDY	0.07	0.40	0.62	0.62	-0.20	0.53	0.05	0.02	0.94	1.26	0.15	0.58		
N4LJHU	0.03	-0.37	0.11	0.64	0.00	0.25	0.04	-0.34	0.23	1.32	0.53	0.02		
R3H93T	0.50	9.06X	0.84	1.75	8.70X	4.76	1.62	29.88X	33.67	1.91	4.20X	1.58		
T4QPTC	0.15	2.03	0.60	0.86	1.68	0.74	0.11	1.16	0.07	1.22	-0.12	0.11		
T6YRMN				0.62	-0.21	0.05				1.15	-0.55	0.52		
W4W4WN	0.03	-0.34	0.00	0.85	1.58	0.28	0.16	2.07	0.47	1.47	1.45	0.12		
XM3ABM	0.05	0.00	0.25	0.59	-0.44	0.23	0.03	-0.36	0.21	1.24	0.00	0.03		
YWQCGP	0.13	1.56	0.32	0.77	1.01	3.10	0.11	1.02	0.72	1.54	1.90	0.36		

CI (SubTestCode 208)												Data units: Percent		
	SRB2109			SRB2110			SRB2111			SRB2112				
Grand Median	0.048			0.64			0.053			1.24				
Median Abs Dev	0.019			0.08			0.028			0.08				
Avg Within Lab SD	0.018			0.02			0.008			0.10				
Labs Included	13			13			12			13				
Labs Reporting	14			15			14			15				



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TKN (SubTestCode 209)													Data units: Percent
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	1.37	-0.09	1.25	2.96	-1.16	1.88	4.95	-1.58	1.02	3.33	0.00	2.45	
4LL4DK	1.16	-1.44	1.43	3.10	-0.73	0.88	5.81	-0.07	0.59	3.21	-0.40	1.11	
F88X73	1.28	-0.63	1.27	3.34	0.00	1.70	6.69	1.47	2.53	3.14	-0.65	0.13	
N4LJHU	1.48	0.66	0.48	3.77	1.32	0.53	6.40	0.96	0.11	3.78	1.52	0.65	
Q8A62T	1.65	1.71	0.52	3.44	0.30	0.57	5.66	-0.34	0.17	3.45	0.41	0.22	
RVAVWV	1.38	0.00	0.14	3.24	-0.30	0.07	5.85	0.00	0.06	3.23	-0.35	0.23	
W4W4WN	1.45	0.42	0.06	3.66	0.99	0.53	6.38	0.93	0.22	3.84	1.72	0.40	
YB6NJH	1.36	-0.12	1.35	3.35	0.02	0.19	6.04	0.34	0.36	3.34	0.03	0.18	
ZXBQVP	1.53	0.98	1.20	2.93	-1.25	0.93	5.63	-0.38	0.99	3.03	-0.99	1.02	

TKN (SubTestCode 209)					Data units: Percent
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	1.38	3.34	5.85	3.33	
Median Abs Dev	0.10	0.24	0.22	0.12	
Avg Within Lab SD	0.05	0.06	0.21	0.11	
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	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4KDMN2	1.47	0.18	3.11	3.74	0.65	1.63	6.26	0.13	2.27	3.96	0.29	0.22
4LL4DK	1.44	-0.25	0.55	3.59	-0.82	0.63	6.15	-0.47	0.39	3.83	-0.57	0.06
4W87VF	1.46	0.05	0.75	3.80	1.23	0.37	6.69	2.40	0.51	4.24	2.26	0.22
8MM9GJ	1.57	2.20	1.14	3.86	1.80	0.28	6.58	1.82	0.48	3.80	-0.80	5.96
8MVYWH	1.46	-0.01	0.59	3.57	-0.97	1.49	6.12	-0.64	0.17	3.84	-0.53	0.04
8WCWE7	1.49	0.71	1.64	3.86	1.81	0.18	6.54	1.63	2.69	4.03	0.79	0.37
ACMCFT	1.55	1.90	0.16	3.67	0.00	0.21	5.94	-1.59	0.25	3.87	-0.30	0.06
AH9CPE	1.38	-1.47	1.14	3.73	0.55	3.36	6.63	2.08	0.42	4.23	2.23	0.59
D7KDUT	1.63	3.51X	0.38	4.01	3.22X	0.10	6.84	3.22X	0.19	4.26	2.40	0.04
DN8LY4	1.40	-1.14	0.28	3.67	0.00	0.94	6.22	-0.09	0.77	3.91	0.00	0.26
DXAB9R	1.40	-1.10	0.57	3.58	-0.87	0.54	6.22	-0.12	0.03	3.83	-0.60	0.08
EF3F87	1.33	-2.52	0.28	3.65	-0.19	1.25	6.21	-0.18	0.67	3.88	-0.21	0.23
F24R XR	1.47	0.18	1.64	3.67	-0.06	1.06	6.23	-0.03	0.96	3.91	0.00	0.20
HBJBC9	1.46	0.05	0.57	3.54	-1.33	1.49	6.10	-0.73	0.42	3.76	-1.07	0.22
HPYJ8K	1.44	-0.28	0.59	3.65	-0.23	0.55	6.18	-0.34	0.92	3.89	-0.19	0.29
JBW7BL	1.40	-1.16	0.66	3.62	-0.56	1.10	6.13	-0.56	1.69	3.86	-0.37	0.39
JWY2Z3	1.38	-1.57	0.59	3.64	-0.34	0.49	6.21	-0.14	0.85	3.88	-0.23	0.34
KAZDQL	1.45	-0.15	0.00	3.72	0.45	0.00	6.33	0.49	0.00	3.98	0.47	0.00
LKWK4W	1.47	0.25	0.00	3.79	1.13	0.18	6.41	0.92	0.60	4.00	0.63	0.09
MH2JDY	1.42	-0.73	0.25	3.66	-0.18	0.13	6.22	-0.11	0.37	3.89	-0.13	0.09
N4LJHU	1.45	-0.21	0.43	3.65	-0.23	0.00	6.18	-0.34	0.19	3.86	-0.40	0.04
N7PATF	1.46	0.00	1.69	3.80	1.22	2.47	6.37	0.69	3.03	4.08	1.15	0.47
NGAVKW	1.50	0.81	0.05	3.74	0.64	0.39	6.17	-0.37	0.70	4.09	1.23	0.41
R3H93T	1.53	1.53	2.26	3.95	2.70	1.67	6.65	2.19	0.96	4.26	2.44	0.61
T4QPTC	1.48	0.45	0.14	3.66	-0.14	0.29	6.28	0.24	0.22	3.90	-0.08	0.16
T6YRMN	1.46	0.12	0.33	3.61	-0.62	0.80	6.25	0.06	0.50	3.87	-0.33	0.07



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N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
TNTQMV	1.42	-0.67	0.87	3.66	-0.13	0.66	6.34	0.56	0.79	3.84	-0.53	0.25		
VDP23B	1.50	0.85	1.30	3.70	0.23	0.56	6.21	-0.14	0.10	3.94	0.19	0.25		
VP2M8P	1.45	-0.13	0.42	3.68	0.06	0.52	6.24	0.00	0.44	3.89	-0.19	0.15		
W4W4WN	1.54	1.59	0.05	3.86	1.77	0.08	6.59	1.91	0.03	4.16	1.75	0.03		
W8VFTN	1.45	-0.18	1.75	3.64	-0.36	0.79	6.28	0.20	1.06	3.95	0.28	0.30		
WEQT3M	1.45	-0.07	0.69	3.71	0.37	0.22	6.27	0.16	0.33	3.97	0.40	0.12		
WP9BVU	1.44	-0.34	0.28	3.68	0.03	0.46	6.23	-0.07	0.25	3.90	-0.07	0.07		
WQ3YEP	1.48	0.54	0.53	3.76	0.88	0.60	6.53	1.56	0.40	4.08	1.18	0.14		
XM3ABM	1.50	0.86	0.37	3.80	1.27	0.07	6.57	1.78	0.30	4.04	0.88	0.08		
Y7AR36	1.47	0.32	0.91	3.67	-0.03	0.18	6.25	0.08	0.63	3.91	0.00	0.04		
YJVAPG	1.47	0.18	0.16	3.67	-0.03	0.32	6.21	-0.14	0.38	3.92	0.07	0.04		
YWQCGP	1.45	-0.21	0.59	3.56	-1.07	0.28	6.24	-0.01	1.66	3.85	-0.42	0.52		

N- Dry Comb. (SubTestCode 210)					Data units: Percent	
	SRB2109	SRB2110	SRB2111	SRB2112		
Grand Median	1.46	3.67	6.24	3.91		
Median Abs Dev	0.02	0.06	0.06	0.06		
Avg Within Lab SD	0.04	0.05	0.06	0.16		
Labs Included	37	37	37	38		
Labs Reporting	38	38	38	38		



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
SRB2109			SRB2110			SRB2111			SRB2112		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	0.22		1.30	0.23		1.40	0.35		0.42	0.57	1.41
DXAB9R	0.18		0.55	0.36		0.20	0.39		1.35	0.85	0.07
S- Dry Comb. (SubTestCode 211)										Data units: Percent	
SRB2109			SRB2110			SRB2111			SRB2112		
Grand Median	0.20		0.29		0.37		0.71				
Median Abs Dev	0.00		0.01		0.01		0.10				
Avg Within Lab SD	2		2		2		2				
Labs Included	2		2		2		2				
Labs Reporting	2		2		2		2				



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P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	0.09	-0.71	0.21	0.59	-1.03	0.22	0.45	-0.68	0.13	0.61	-0.48	0.33
3QUNDF	0.10	0.15	0.00	0.60	-0.88	1.12	0.44	-0.76	1.10	0.61	-0.43	0.81
4KDMN2	0.10	-0.23	1.39	0.64	-0.30	1.16	0.47	-0.19	0.29	0.64	-0.02	0.36
4VW7YK	0.10	0.54	0.39	0.64	-0.26	0.11	0.52	0.72	0.16	0.64	-0.06	0.39
4W87VF	0.09	-0.70	0.78	0.62	-0.53	0.44	0.47	-0.13	0.35	0.64	-0.05	0.35
4X2UEB	0.10	0.27	0.66	0.68	0.20	1.58	0.46	-0.42	2.01	0.58	-0.85	1.44
8MM9GJ	0.08	-1.77	0.15	0.61	-0.73	1.42	0.43	-0.99	1.30	0.28	-4.42X	2.56
8MVYWH	0.10	-0.23	1.48	0.67	0.13	0.31	0.50	0.34	1.10	0.68	0.37	1.31
ACMCFT	0.11	1.70	1.48	0.74	1.01	0.54	0.49	0.27	0.31	0.63	-0.19	0.41
AH9CPE	0.10	-0.23	0.78	0.62	-0.59	1.38	0.47	-0.29	0.11	0.64	-0.11	0.16
D7KDUT	0.11	0.74	0.26	0.68	0.26	0.35	0.51	0.51	0.32	0.70	0.66	0.41
DN8LY4	0.09	-1.01	0.00	0.64	-0.31	0.00	0.46	-0.42	0.53	0.61	-0.39	0.23
DXAB9R	0.10	-0.06	0.15	0.76	1.28	0.22	0.56	1.55	0.04	0.76	1.36	0.83
EF3F87	0.11	0.93	1.48	0.69	0.39	1.89	0.52	0.75	1.86	0.68	0.41	1.86
F24RXR	0.10	0.19	2.32	0.60	-0.88	0.62	0.48	-0.07	1.33	0.78	1.58	2.01
F88X73	0.10	0.35	1.15	0.66	-0.06	0.67	0.49	0.12	1.21	0.67	0.27	0.47
GKEW62	0.10	0.15	2.56	0.71	0.57	0.82	0.53	0.96	0.81	0.71	0.74	0.62
HBJBC9	0.09	-1.24	2.09	0.62	-0.59	2.79	0.45	-0.53	2.40	0.61	-0.47	1.68
HPYJ8K	0.10	-0.22	0.06	0.64	-0.33	0.61	0.47	-0.20	0.20	0.63	-0.19	0.99
JBW7BL	0.14	4.37X	0.58	0.85	2.52	0.76	0.65	3.59X	0.57	0.06	-7.05X	0.04
JWY2Z3	0.10	-0.22	1.76	0.64	-0.34	2.05	0.48	-0.06	2.12	0.65	0.02	1.44
KAZDQL	0.09	-0.54	0.00	0.67	0.11	0.00	0.49	0.12	0.00	0.68	0.39	0.00
KJKNYR	0.11	1.36	1.26	0.87	2.71	2.05	0.61	2.73	2.92	0.85	2.50	3.43
LKWK4W	0.09	-1.01	0.00	0.63	-0.49	0.31	0.47	-0.28	0.31	0.62	-0.27	0.23
MH2JDY	0.08	-2.70	0.12	0.67	0.04	0.06	0.46	-0.44	1.16	0.60	-0.54	0.81
N4LJHU	0.10	0.16	0.10	0.71	0.61	0.12	0.52	0.86	0.04	0.72	0.95	0.12



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
N7PATF	0.10	0.00	1.03	0.73	0.81	1.24	0.50	0.48	0.65	0.73	0.97	0.94	
Q8A62T	0.10	0.15	0.00	0.66	-0.05	0.54	0.48	0.06	1.10	0.70	0.62	0.62	
R3H93T	0.09	-1.08	0.97	0.58	-1.05	0.77	0.43	-0.94	0.80	0.58	-0.80	0.83	
RVAVWV	0.12	2.61	0.83	0.89	2.99	1.22	0.64	3.37	1.06	0.88	2.85	0.55	
T4QPTC	0.10	0.15	0.00	0.71	0.57	0.31	0.52	0.75	0.31	0.70	0.68	0.12	
T6YRMN				0.64	-0.35	0.56	0.48	-0.10	0.54	0.64	-0.10	0.27	
VDP23B	0.10	0.00	0.15	0.68	0.24	0.05	0.51	0.59	0.14	0.68	0.41	0.13	
VP2M8P	0.09	-1.39	0.39	0.62	-0.57	1.40	0.43	-1.02	1.03	0.62	-0.36	1.46	
W4W4WN	0.11	0.96	0.00	0.73	0.85	0.36	0.54	1.31	0.13	0.73	1.08	0.14	
W8VFTN	0.11	1.06	0.70	0.78	1.53	0.27	0.56	1.72	0.73	0.78	1.58	1.03	
WEQT3M	0.10	0.39	1.79	0.68	0.17	0.04	0.82	6.94X	0.30	0.44	-2.48	0.67	
WP9BVU	0.09	-0.46	1.21	0.66	-0.04	1.88	0.46	-0.38	0.56	0.63	-0.17	0.13	
WQ3YEP	0.09	-0.58	0.10	0.63	-0.49	0.15	0.47	-0.25	0.16	0.64	-0.10	0.09	
XM3ABM	0.10	-0.06	0.64	0.69	0.31	0.58	0.49	0.26	0.21	0.69	0.53	0.40	
Y7AR36	0.11	0.93	1.48	0.62	-0.53	0.31	0.47	-0.21	0.00	0.63	-0.15	0.23	
YB6NJH	0.10	-0.39	0.30	0.61	-0.75	1.55	0.42	-1.18	0.61	0.60	-0.59	1.54	
YJVAPG	0.10	0.15	0.00	0.69	0.35	0.54	0.50	0.41	0.53	0.70	0.70	0.47	
YWQCGP	0.10	-0.12	0.39	0.71	0.59	0.16	0.50	0.48	0.31	0.70	0.62	1.54	
ZXBQVP	0.10	0.15	0.00	0.73	0.92	0.62	0.51	0.68	0.81	0.74	1.10	0.23	
ZYP8EH	0.11	1.59	0.59	0.61	-0.71	0.48	0.43	-1.09	0.51	0.60	-0.53	0.39	

P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	0.10	0.66	0.48	0.65	
Median Abs Dev	0.00	0.04	0.02	0.04	
Avg Within Lab SD	0.00	0.02	0.02	0.02	
Labs Included	44	46	44	44	
Labs Reporting	45	46	46	46	



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	0.60	-0.59	0.13	4.02	-0.88	0.05	1.53	-0.79	0.15	6.32	-0.75	0.02
3QUNDF	0.69	0.75	1.05	4.20	-0.55	0.89	1.65	-0.08	0.42	6.61	-0.42	0.79
4KDMN2	0.63	-0.10	0.48	4.43	-0.13	0.65	1.62	-0.25	0.41	6.97	-0.01	0.31
4VW7YK	0.59	-0.82	0.08	4.54	0.07	0.15	1.60	-0.39	0.11	6.83	-0.17	0.27
4W87VF	0.62	-0.30	0.40	4.41	-0.17	0.27	1.66	-0.02	0.82	6.92	-0.07	0.50
4X2UEB	0.72	1.17	0.55	4.94	0.78	1.51	1.97	1.89	0.18	6.76	-0.25	1.69
8MM9GJ	0.59	-0.83	0.55	3.91	-1.08	1.03	1.53	-0.77	0.68	3.43	-4.01X	6.95
8MVYWH	0.58	-0.87	1.00	4.31	-0.36	0.36	1.63	-0.16	1.06	6.54	-0.50	1.03
ACMCFT	0.60	-0.67	0.46	5.21	1.28	0.06	1.52	-0.83	0.11	7.07	0.10	0.43
AH9CPE	0.60	-0.67	1.04	3.98	-0.96	1.04	1.52	-0.86	0.16	6.40	-0.65	0.26
D7KDUT	0.66	0.23	0.30	4.86	0.64	0.61	1.72	0.36	0.56	7.56	0.65	0.14
DN8LY4	0.59	-0.77	0.40	4.03	-0.86	0.19	1.54	-0.75	0.38	6.00	-1.11	0.31
DXAB9R	0.70	0.92	0.08	5.11	1.09	0.24	1.76	0.61	0.11	7.89	1.03	0.34
EF3F87	0.66	0.34	1.00	4.96	0.83	2.34	1.74	0.49	1.11	7.90	1.03	1.83
F24RXR	0.69	0.80	4.76	4.30	-0.37	4.18	1.63	-0.16	3.81	8.20	1.37	2.11
F88X73	0.65	0.11	0.89	4.59	0.15	1.10	1.58	-0.49	0.55	6.62	-0.40	1.42
GKEW62	0.57	-1.07	0.40	4.23	-0.49	0.87	1.66	0.00	1.02	6.81	-0.19	0.62
HBJBC9	0.58	-1.00	1.64	4.15	-0.65	0.62	1.52	-0.88	1.39	6.60	-0.43	0.69
HPYJ8K	0.61	-0.40	0.26	4.34	-0.30	0.69	1.61	-0.32	0.13	6.55	-0.48	0.70
JBW7BL	0.76	1.87	0.50	5.16	1.18	0.54	1.80	0.87	0.55	5.20	-2.01	0.34
JWY2Z3	0.59	-0.71	0.86	4.23	-0.49	0.74	1.58	-0.49	0.17	6.78	-0.23	0.64
KAZDQL	0.63	-0.16	0.00	4.65	0.26	0.00	1.70	0.24	0.00	7.32	0.38	0.00
KJKNYR	0.68	0.61	1.53	5.35	1.54	1.38	1.91	1.50	3.29	8.49	1.70	3.26
LKWK4W	0.64	-0.01	0.40	4.47	-0.07	0.42	1.70	0.22	0.11	7.23	0.28	0.26
MH2JDY	0.66	0.26	0.20	5.46	1.74	0.87	1.92	1.59	1.30	8.58	1.81	0.25
N4LJHU	0.65	0.19	0.18	4.91	0.73	0.19	1.79	0.81	0.29	7.83	0.96	0.23



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
N7PATF	0.71	0.98	1.17	4.57	0.11	0.78	1.70	0.23	0.64	7.07	0.10	0.26
Q8A62T	0.76	1.81	0.40	5.69	2.15	0.97	1.87	1.26	0.21	8.98	2.26	0.40
R3H93T	0.56	-1.28	0.23	3.76	-1.35	1.75	1.46	-1.20	0.64	6.16	-0.93	1.27
RVAVWV	0.70	0.95	0.24	5.17	1.21	0.96	1.85	1.16	0.71	7.93	1.07	0.35
T4QPTC	0.72	1.26	0.23	4.96	0.82	0.10	1.87	1.30	0.28	7.67	0.78	0.04
T6YRMN	0.67	0.45	0.44	4.38	-0.23	0.29	1.68	0.10	0.38	6.74	-0.27	1.56
VDP23B	0.67	0.39	0.23	4.80	0.54	0.04	1.77	0.65	0.28	7.50	0.59	0.20
VP2M8P	0.56	-1.23	0.60	4.15	-0.65	0.86	1.41	-1.51	1.01	6.46	-0.59	1.35
W4W4WN	0.69	0.79	0.19	4.87	0.66	0.17	1.86	1.23	0.76	7.53	0.62	0.22
W8VFTN	0.73	1.42	0.95	5.19	1.25	0.11	1.92	1.60	0.98	8.60	1.82	0.17
WEQT3M	0.58	-0.92	0.79	4.14	-0.66	0.33	8.01	38.72X	1.96	1.52	-6.16X	0.16
WP9BVU	0.64	0.01	1.50	4.54	0.07	0.67	1.73	0.42	0.42	6.98	0.00	1.39
WQ3YEP	0.63	-0.14	0.38	4.44	-0.12	0.71	1.70	0.24	0.12	7.00	0.03	0.22
XM3ABM	0.64	-0.01	0.66	4.87	0.66	0.49	1.72	0.35	0.33	7.24	0.30	0.37
Y7AR36	0.71	1.10	0.46	4.40	-0.18	0.22	1.65	-0.04	0.59	6.98	0.00	0.18
YB6NJH	0.63	-0.16	1.59	4.23	-0.49	1.47	1.50	-0.98	1.83	6.50	-0.54	1.83
YJVAPG	0.65	0.09	0.46	4.40	-0.19	0.11	1.66	0.00	0.80	6.85	-0.15	0.55
YWQCGP	0.66	0.29	0.79	4.83	0.59	0.29	1.77	0.65	0.90	7.52	0.60	1.80
ZXBQVP	0.61	-0.52	0.23	4.68	0.32	0.26	1.66	0.00	0.37	7.92	1.06	0.06
ZYP8EH	0.58	-0.98	0.23	3.90	-1.09	0.22	1.40	-1.58	0.20	6.12	-0.97	0.82

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB2109	SRB2110	SRB2111	SRB2112
Grand Median	0.64	4.50	1.66	6.98
Median Abs Dev	0.05	0.36	0.10	0.50
Avg Within Lab SD	0.03	0.16	0.05	0.25
Labs Included	46	46	45	44
Labs Reporting	46	46	46	46



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Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	1.91	-1.01	0.03	1.27	-1.40	0.68	0.90	-1.13	0.07	1.37	-0.92	0.23
3QUNDF	2.17	0.18	0.50	1.42	-0.41	0.41	0.99	-0.05	0.58	1.46	-0.43	0.88
4KDMN2	2.13	0.00	0.28	1.42	-0.41	0.89	0.96	-0.42	0.59	1.51	-0.19	0.41
4VW7YK	2.06	-0.32	0.31	1.49	0.00	0.30	0.97	-0.36	0.09	1.56	0.05	0.32
4W87VF	2.12	-0.07	0.12	1.48	-0.06	0.11	1.03	0.35	0.28	1.59	0.23	0.73
4X2UEB	1.94	-0.90	0.68	1.40	-0.58	0.63	0.92	-0.86	0.04	1.36	-0.95	0.79
8MM9GJ	1.90	-1.07	0.41	1.29	-1.28	1.08	0.89	-1.15	1.28	1.12	-2.19	3.48
8MVYWH	1.92	-0.96	0.74	1.32	-1.09	0.23	0.89	-1.19	1.22	1.40	-0.74	0.76
ACMCFT	2.30	0.77	0.31	1.69	1.29	0.23	1.03	0.32	0.16	1.60	0.28	0.14
AH9CPE	2.13	-0.04	1.72	1.40	-0.56	1.32	0.93	-0.77	0.43	1.42	-0.65	0.24
D7KDUT	2.42	1.29	0.38	1.55	0.41	0.24	1.03	0.32	0.47	1.70	0.81	0.45
DN8LY4	2.00	-0.63	0.79	1.42	-0.41	0.23	0.93	-0.71	0.16	1.46	-0.45	0.14
DXAB9R	2.65	2.33	0.21	1.72	1.48	0.07	1.20	2.21	0.28	1.82	1.42	0.44
EF3F87	2.32	0.83	0.50	1.57	0.51	0.30	1.09	0.97	0.85	1.68	0.68	0.69
F24RXR	2.27	0.60	3.97	1.47	-0.13	4.08	0.97	-0.31	1.45	1.83	1.49	2.77
F88X73	2.03	-0.48	0.93	1.51	0.17	1.58	1.04	0.42	3.33	1.53	-0.07	1.24
GKEW62	2.09	-0.20	0.37	1.42	-0.43	1.04	1.03	0.39	0.43	1.45	-0.48	0.42
HBJBC9	2.06	-0.36	1.55	1.47	-0.14	1.55	1.01	0.13	2.72	1.51	-0.17	1.55
HPYJ8K	2.13	-0.04	0.90	1.45	-0.24	1.25	0.98	-0.22	0.28	1.51	-0.19	0.71
JBW7BL	2.44	1.40	0.50	1.58	0.60	0.51	1.04	0.48	0.48	1.10	-2.33	0.25
JWY2Z3	2.26	0.57	1.03	1.54	0.34	1.03	0.93	-0.72	1.38	1.67	0.62	0.72
KAZDQL	2.10	-0.16	0.00	1.41	-0.49	0.00	0.95	-0.53	0.00	1.51	-0.19	0.00
KJKNYR	2.22	0.37	0.99	1.70	1.39	0.93	1.13	1.49	2.52	1.80	1.31	1.71
LKWK4W	2.13	-0.04	0.51	1.41	-0.47	0.23	0.98	-0.20	0.00	1.52	-0.15	0.35
MH2JDY	2.57	2.00	0.63	1.68	1.27	1.29	1.01	0.13	0.91	1.72	0.90	0.85
N4LJHU	2.17	0.16	0.04	1.53	0.29	0.11	1.03	0.36	0.16	1.64	0.48	0.03



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
N7PATF	2.22	0.39	1.21	1.52	0.19	0.98	1.00	0.00	0.67	1.64	0.50	0.80		
Q8A62T	2.12	-0.07	1.42	1.63	0.90	0.63	0.93	-0.78	1.13	1.77	1.18	1.86		
R3H93T	1.89	-1.13	1.11	1.28	-1.33	1.62	0.90	-1.04	0.84	1.40	-0.77	0.32		
RVAVWV	2.61	2.14	0.44	1.86	2.43	0.11	1.20	2.22	0.30	1.87	1.68	0.48		
T4QPTC	2.30	0.75	0.21	1.57	0.54	0.00	1.07	0.75	0.16	1.64	0.50	0.16		
T6YRMN	2.15	0.09	0.43	1.47	-0.13	0.45	1.01	0.13	0.00	1.55	0.00	0.44		
VP2M8P	1.71	-1.95	2.22	1.19	-1.89	1.87	0.73	-2.90X	1.15	1.30	-1.29	1.70		
W4W4WN	2.30	0.76	0.18	1.54	0.36	0.30	1.08	0.91	0.44	1.69	0.72	0.11		
W8VFTN	2.58	2.01	1.07	1.75	1.68	0.23	1.17	1.88	0.96	1.83	1.49	0.78		
WEQT3M	2.21	0.33	0.26	1.63	0.92	0.39	2.15	12.66X	1.55	0.85	-3.62X	0.19		
WP9BVU	2.05	-0.41	0.82	1.50	0.11	0.68	0.99	-0.14	0.55	1.48	-0.34	0.69		
WQ3YEP	2.02	-0.50	0.09	1.40	-0.55	0.53	0.98	-0.22	0.03	1.55	0.00	0.11		
XM3ABM	2.31	0.80	0.70	1.57	0.51	0.34	1.04	0.43	0.20	1.66	0.61	0.37		
Y7AR36	2.10	-0.17	0.26	1.50	0.11	0.69	1.04	0.50	0.70	1.58	0.16	0.29		
YB6NJH	2.00	-0.61	1.23	1.23	-1.63	1.13	0.81	-2.10	0.64	1.33	-1.11	0.79		
YJVAPG	2.16	0.10	1.03	1.49	0.00	0.93	1.01	0.17	1.13	1.59	0.24	0.55		
YWQCGP	2.31	0.81	0.58	1.55	0.43	0.41	1.04	0.50	0.81	1.61	0.31	1.24		
ZXBQVP	2.17	0.15	0.26	1.47	-0.09	0.23	0.99	-0.12	0.58	1.54	-0.02	0.16		
ZYP8EH	2.05	-0.41	0.88	1.38	-0.69	0.37	0.91	-0.93	0.67	1.46	-0.43	0.27		

Ca (SubTestCode 214) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2109	SRB2110	SRB2111	SRB2112		
Grand Median	2.13	1.49	1.00	1.55		
Median Abs Dev	0.11	0.08	0.04	0.10		
Avg Within Lab SD	0.08	0.05	0.04	0.07		
Labs Included	45	45	43	44		
Labs Reporting	45	45	45	45		



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Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	0.14	-0.61	0.05	0.84	-1.84	0.08	0.39	-0.90	0.14	0.39	-0.96	0.07
3QUNDF	0.18	1.83	1.00	0.99	-0.40	0.98	0.45	0.30	0.28	0.42	-0.10	1.15
4KDMN2	0.15	-0.04	3.30	0.97	-0.66	1.14	0.41	-0.53	0.87	0.41	-0.36	0.81
4VW7YK	0.15	-0.11	0.36	1.04	0.00	0.16	0.42	-0.30	0.12	0.47	0.95	0.14
4W87VF	0.15	-0.30	0.17	1.02	-0.12	0.71	0.44	0.12	0.17	0.44	0.34	0.42
4X2UEB	0.16	0.88	0.79	1.18	1.33	1.84	0.47	0.89	0.06	0.44	0.39	0.73
8MM9GJ	0.13	-1.09	0.51	0.91	-1.17	1.07	0.39	-0.98	0.67	0.38	-1.18	4.07
8MVYWH	0.14	-0.71	0.00	0.98	-0.52	0.28	0.41	-0.49	0.84	0.41	-0.44	0.69
ACMCFT	0.16	0.90	1.00	1.14	0.96	0.28	0.42	-0.20	0.28	0.42	-0.27	0.46
AH9CPE	0.15	0.03	2.78	0.99	-0.41	1.16	0.36	-1.50	5.07	0.42	-0.08	0.12
D7KDUT	0.16	0.83	0.20	1.12	0.75	0.70	0.44	0.22	0.34	0.45	0.48	0.20
DN8LY4	0.16	0.44	1.00	1.01	-0.28	0.16	0.43	-0.06	0.48	0.43	-0.02	0.23
DXAB9R	0.18	1.85	0.32	1.35	2.88X	0.34	0.52	1.91	0.16	0.51	2.00	0.28
EF3F87	0.17	1.36	0.00	1.11	0.71	0.43	0.48	1.01	0.84	0.48	1.24	0.61
F24RXR	0.16	0.44	1.99	1.04	0.00	3.99	0.44	0.08	1.70	0.49	1.49	3.34
F88X73	0.16	0.65	0.78	1.03	-0.09	0.71	0.41	-0.42	0.27	0.42	-0.13	0.34
GKEW62	0.15	-0.02	1.73	0.91	-1.20	0.43	0.42	-0.20	0.74	0.42	-0.18	0.40
HBJBC9	0.15	0.00	1.64	0.98	-0.54	0.86	0.42	-0.25	1.19	0.41	-0.36	0.78
HPYJ8K	0.15	-0.28	0.24	1.00	-0.31	0.71	0.42	-0.34	0.04	0.41	-0.34	0.52
JBW7BL	0.18	2.13	0.52	1.14	1.00	0.53	0.49	1.15	0.39	0.32	-2.78X	0.21
JWY2Z3	0.15	0.00	1.10	0.98	-0.50	1.10	0.41	-0.50	1.01	0.42	-0.06	0.65
KAZDQL	0.15	-0.02	0.00	1.09	0.49	0.00	0.44	0.15	0.00	0.44	0.32	0.00
KJKNYR	0.16	0.88	1.35	1.22	1.67	1.26	0.50	1.52	1.99	0.52	2.33	1.77
LKWK4W	0.15	-0.25	1.00	1.05	0.09	0.43	0.44	0.15	0.00	0.43	0.07	0.40
MH2JDY	0.14	-0.58	0.17	1.19	1.40	1.55	0.43	-0.15	0.49	0.41	-0.35	0.38
N4LJHU	0.15	0.16	0.37	1.10	0.57	0.07	0.45	0.44	0.03	0.46	0.88	0.05



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
N7PATF	0.15	0.09	0.65	1.05	0.12	0.91	0.43	-0.01	0.27	0.48	1.31	0.63		
Q8A62T	0.21	4.37X	3.99	0.64	-3.70X	0.43	0.54	2.22	0.74	0.56	3.26X	1.22		
R3H93T	0.14	-0.48	0.87	0.89	-1.39	1.63	0.39	-0.82	0.64	0.40	-0.76	0.24		
RVAVWV	0.18	2.05	0.31	1.28	2.26	0.26	0.51	1.72	0.24	0.52	2.39	0.03		
T4QPTC	0.16	0.67	0.00	1.16	1.17	0.16	0.52	1.88	0.41	0.45	0.65	0.23		
T6YRMN				1.01	-0.21	0.69	0.44	0.12	0.30	0.42	-0.08	1.21		
VP2M8P	0.13	-1.58	0.57	0.92	-1.11	1.00	0.35	-1.87	0.55	0.39	-0.87	0.87		
W4W4WN	0.16	0.74	0.18	1.05	0.13	0.06	0.46	0.62	0.29	0.47	1.01	0.14		
W8VFTN	0.18	1.72	0.68	1.20	1.54	0.16	0.49	1.21	0.60	0.48	1.42	0.59		
WEQT3M	0.15	-0.30	0.35	1.09	0.51	0.21	5.47	107.57X	4.12	0.38	-1.19	0.40		
WP9BVU	0.15	-0.23	0.75	1.05	0.10	0.59	0.45	0.28	0.34	0.43	0.00	0.52		
WQ3YEP	0.14	-0.46	0.29	1.00	-0.31	0.83	0.43	-0.12	0.18	0.43	0.00	0.41		
XM3ABM	0.13	-1.25	0.52	1.00	-0.30	0.35	0.40	-0.73	0.17	0.40	-0.78	0.24		
Y7AR36	0.17	1.13	1.00	1.01	-0.25	1.22	0.44	0.22	0.74	0.44	0.40	0.23		
YB6NJH	0.15	-0.25	1.00	0.93	-0.96	0.16	0.38	-1.13	0.97	0.39	-0.86	1.00		
YJVAPG	0.15	-0.02	0.00	1.04	0.06	1.13	0.43	0.01	0.74	0.44	0.32	0.40		
YWQCGP	0.16	0.58	0.40	1.10	0.59	0.28	0.46	0.65	0.56	0.45	0.57	1.05		
ZXBQVP	0.14	-0.71	0.00	0.95	-0.80	0.00	0.39	-0.92	0.00	0.40	-0.77	0.23		
ZYP8EH	0.15	-0.32	0.36	1.05	0.16	0.90	0.42	-0.35	0.44	0.44	0.27	0.46		

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2109	SRB2110	SRB2111	SRB2112		
Grand Median	0.15	1.04	0.43	0.43		
Median Abs Dev	0.01	0.06	0.02	0.02		
Avg Within Lab SD	0.01	0.04	0.02	0.03		
Labs Included	43	43	44	43		
Labs Reporting	44	45	45	45		



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	0.13	-0.41	0.27	0.32	-0.86	0.11	0.32	-0.30	0.05	0.79	-0.41	0.19
3QUNDF	0.13	-0.12	1.74	0.32	-0.84	0.38	0.32	-0.24	0.57	0.81	-0.29	0.64
4KDMN2	0.13	-0.02	0.50	0.35	-0.04	0.56	0.32	-0.19	0.56	0.86	0.10	0.27
4W87VF	0.13	-0.16	0.27	0.35	0.02	0.34	0.34	0.30	0.12	0.85	0.06	0.21
4X2UEB	0.14	0.80	0.79	0.41	1.28	1.63	0.36	0.67	0.03	0.79	-0.43	1.13
8MM9GJ	0.16	1.74	0.28	0.35	-0.18	0.23	0.30	-0.60	0.97	0.40	-3.50X	4.57
8MVYWH	0.16	1.59	1.01	0.40	1.05	0.00	0.37	0.95	0.57	0.94	0.77	0.91
ACMCFT	0.15	1.16	0.00	0.38	0.67	0.38	0.32	-0.16	0.33	0.74	-0.82	0.36
AH9CPE	0.12	-0.54	1.86	0.32	-0.72	0.70	0.30	-0.68	0.14	0.77	-0.58	0.26
D7KDUT	0.16	1.87	0.35	0.38	0.66	0.30	0.36	0.80	0.26	0.95	0.83	0.19
DN8LY4	0.12	-0.76	0.00	0.34	-0.31	0.00	0.31	-0.47	0.00	0.79	-0.43	0.21
DXAB9R	0.16	1.75	0.21	0.35	-0.09	0.21	0.33	0.05	0.09	0.78	-0.48	0.42
EF3F87	0.13	0.10	2.01	0.36	0.07	1.67	0.33	-0.08	1.33	0.88	0.29	0.63
F24RXR	0.13	0.10	1.01	0.36	0.22	3.28	0.34	0.24	1.00	1.01	1.32	0.75
F88X73	0.15	0.89	1.50	0.40	1.05	1.57	0.38	1.07	2.82	0.60	-1.90	0.33
GKEW62	0.13	-0.12	1.74	0.33	-0.54	0.66	0.31	-0.55	0.88	0.80	-0.32	0.44
HBJBC9	0.14	0.65	2.77	0.33	-0.64	1.73	0.32	-0.23	2.77	0.78	-0.50	2.53
HPYJ8K	0.13	-0.32	0.51	0.34	-0.24	0.69	0.32	-0.19	0.13	0.79	-0.41	0.51
JBW7BL	0.18	3.30X	0.53	0.47	2.75	0.52	0.44	2.69	0.42	0.08	-6.09X	0.03
JWY2Z3	0.13	-0.12	0.89	0.35	-0.04	0.90	0.34	0.17	0.80	0.87	0.22	1.41
KAZDQL	0.13	-0.12	0.00	0.37	0.37	0.00	0.35	0.47	0.00	0.92	0.61	0.00
KJKNYR	0.15	1.27	1.83	0.48	2.95	1.66	0.45	2.77	2.43	1.19	2.75	2.33
LKWK4W	0.12	-0.76	0.00	0.31	-0.99	0.00	0.30	-0.79	0.33	0.76	-0.66	0.21
MH2JDY	0.10	-2.32	0.03	0.30	-1.22	2.07	0.26	-1.68	2.89	0.81	-0.29	0.40
N4LJHU	0.14	0.21	0.14	0.39	0.74	0.19	0.36	0.75	0.02	0.85	0.06	3.62
N7PATF	0.13	0.01	0.63	0.37	0.27	0.87	0.33	0.04	0.33	0.90	0.44	0.61



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S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R3H93T	0.13	-0.03	0.53	0.32	-0.86	0.66	0.29	-0.85	0.78	0.74	-0.85	0.95	
RVAVWV	0.22	5.84X	0.45	0.50	3.23X	0.61	0.51	4.37X	0.74	1.19	2.77	0.48	
T4QPTC	0.14	0.52	0.00	0.39	0.90	0.38	0.37	1.03	0.33	0.95	0.87	0.12	
T6YRMN				0.35	-0.05	0.44	0.33	0.07	0.21	0.85	0.03	0.15	
VP2M8P	0.13	-0.01	1.06	0.32	-0.83	1.98	0.29	-1.07	1.06	0.75	-0.76	1.41	
W4W4WN	0.14	0.33	0.18	0.37	0.47	0.20	0.35	0.56	0.21	0.88	0.30	0.04	
W8VFTN	0.16	1.93	0.68	0.42	1.40	0.26	0.39	1.38	0.42	1.00	1.23	0.75	
WEQT3M	0.13	-0.18	0.35	0.35	0.01	0.13	1.01	16.11X	0.03	0.29	-4.41X	0.04	
WP9BVU	0.12	-0.65	0.99	0.36	0.03	0.50	0.32	-0.32	0.41	0.81	-0.23	0.74	
WQ3YEP	0.16	1.92	0.15	0.37	0.38	0.12	0.34	0.28	0.09	0.86	0.17	0.05	
XM3ABM	0.11	-1.15	0.43	0.33	-0.52	0.19	0.30	-0.73	0.13	0.80	-0.38	0.28	
Y7AR36	0.13	-0.12	0.00	0.34	-0.31	0.00	0.33	0.00	0.57	0.84	-0.03	0.21	
YB6NJH	0.13	-0.12	0.00	0.30	-1.22	1.15	0.26	-1.58	0.66	0.70	-1.11	0.85	
YJVAPG	0.14	0.31	1.01	0.38	0.60	0.66	0.35	0.47	0.57	0.95	0.82	0.64	
YWQCGP	0.14	0.52	1.74	0.35	-0.01	1.38	0.32	-0.32	0.88	0.88	0.29	1.37	
ZXBQVP	0.15	0.95	1.01	0.41	1.28	0.00	0.37	0.87	0.33	1.00	1.24	0.21	
ZYP8EH	0.13	-0.33	0.36	0.33	-0.65	0.53	0.29	-0.99	0.32	0.73	-0.92	0.62	

S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2109		SRB2110		SRB2111	SRB2112
Grand Median	0.13		0.35		0.33	0.84
Median Abs Dev	0.01		0.03		0.02	0.06
Avg Within Lab SD	0.01		0.02		0.02	0.05
Labs Included	40		42		41	40
Labs Reporting	42		43		43	43



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
268WEJ	0.003	-0.27	0.03	0.039	-1.06	0.14	0.001	-0.27	0.00	0.052	-1.25	0.07	
3QUNDF	0.017	2.59	3.20	0.047	0.27	2.33	0.010	1.79	0.00	0.060	0.36	0.00	
4KDMN2	0.018	2.81	1.71	0.053	1.38	0.69	0.014	2.59	0.05	0.065	1.23	0.21	
4VW7YK	0.004	-0.21	0.02	0.044	-0.14	0.15	0.001	-0.17	0.03	0.059	0.14	0.26	
4W87VF	0.005	0.09	0.00	0.044	-0.27	0.23	0.002	0.00	0.00	0.056	-0.40	0.28	
4X2UEB	0.003	-0.29	0.05	0.049	0.76	1.07	0.001	-0.26	0.00	0.058	0.00	0.50	
8MM9GJ	0.004	-0.17	0.21	0.040	-0.90	0.92	0.002	-0.02	0.45	0.432	70.74X	109.99	
8MVYWH	0.062	12.40X	0.85	0.108	11.22X	0.40	0.063	13.54X	0.65	0.128	13.17X	0.16	
AH9CPE	0.006	0.23	0.64	0.040	-0.86	0.62	0.002	0.07	0.25	0.054	-0.78	0.28	
D7KDUT				0.042	-0.63	0.36				0.057	-0.15	0.30	
DN8LY4	0.010	1.16	0.00	0.050	0.86	0.00	0.010	1.79	0.00	0.057	-0.27	1.60	
DXAB9R	0.004	-0.20	0.06	0.044	-0.29	0.08	0.001	-0.21	0.03	0.056	-0.37	0.22	
EF3F87				0.046	0.07	0.89				0.060	0.39	0.83	
F24RXR	0.015	2.14	3.14	0.054	1.64	2.29	0.012	2.31	4.69	0.067	1.62	3.46	
GKEW62	0.008	0.62	0.28	0.041	-0.74	0.40	0.006	0.89	0.43	0.052	-1.16	0.28	
HBJBC9	0.008	0.73	1.47	0.049	0.68	1.45	0.007	1.12	1.48	0.060	0.36	0.96	
HPYJ8K	0.004	-0.09	0.05	0.043	-0.44	0.30	0.001	-0.18	0.08	0.055	-0.68	0.41	
JBW7BL	0.016	2.54	0.15	0.059	2.50	0.40	0.008	1.33	0.06	0.049	-1.73	0.22	
JWY2Z3	0.003	-0.32	0.06	0.040	-0.91	0.88	0.001	-0.33	0.02	0.053	-0.95	0.65	
KAZDQL	0.004	-0.13	0.00	0.044	-0.21	0.00	0.002	0.00	0.00	0.059	0.17	0.00	
KJKNYR	0.004	-0.13	0.00	0.054	1.58	0.81				0.070	2.19	1.84	
LKWK4W	0.003	-0.37	0.03	0.042	-0.66	0.15	0.000	-0.36	0.00	0.055	-0.66	0.10	
N4LJHU	0.004	-0.22	0.03	0.046	0.19	0.06	0.001	-0.24	0.02	0.061	0.49	0.06	
RVAVWV	0.010	1.16	0.00	0.047	0.27	2.33	0.004	0.48	0.02	0.060	0.36	0.00	
T4QPTC	0.010	1.16	0.00	0.050	0.86	0.00	0.010	1.79	0.00	0.060	0.36	0.00	
W4W4WN	0.004	-0.10	0.00	0.046	0.18	0.00	0.001	-0.21	0.00	0.060	0.42	0.00	



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Na (SubTestCode 217) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
W8VFTN	0.003	-0.39	0.33	0.048	0.49	0.43	0.001	-0.13	0.26	0.062	0.83	0.56	
WP9BVU	0.006	0.31	0.12	0.045	-0.07	0.58	0.004	0.51	0.16	0.057	-0.20	0.34	
WQ3YEP	0.003	-0.29	0.09	0.042	-0.61	0.20	0.001	-0.24	0.04	0.055	-0.55	0.12	
XM3ABM	0.005	0.09	0.03	0.043	-0.43	0.30	0.002	0.05	0.01	0.052	-1.14	0.10	
YWQCGP	0.005	0.09	1.47	0.047	0.27	2.33	0.006	0.89	1.48	0.060	0.36	2.77	
ZYP8EH	0.041	7.82X	2.54	0.084	7.00X	0.84	0.044	9.30X	4.12	0.098	7.62X	3.05	

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	0.005	0.045	0.002	0.058	
Median Abs Dev	0.001	0.003	0.001	0.002	
Avg Within Lab SD	0.002	0.002	0.002	0.004	
Labs Included	28	30	27	29	
Labs Reporting	30	32	29	32	



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AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	108.6	-0.88	1.93	102.5	-0.27	1.25	33.0	0.00	1.67	80.3	-0.54	2.14	
4KDMN2	157.8	0.65	2.03	134.2	0.69	1.47	56.9	2.04	2.17	120.4	0.79	1.54	
4VW7YK	159.2	0.69	0.09	157.1	1.39	0.22	41.3	0.71	0.12	141.7	1.50	0.13	
4W87VF	155.3	0.57	1.11	136.6	0.76	0.65	42.4	0.80	0.50	108.9	0.41	1.28	
4X2UEB	107.7	-0.91	0.51	108.7	-0.09	1.02	30.5	-0.22	0.12	68.9	-0.92	0.37	
8MM9GJ	92.9	-1.37	1.03	86.0	-0.78	3.04	25.4	-0.65	2.35	419.3	10.74X	91.82	
8MVYWH	137.0	0.00	0.45	85.7	-0.79	0.98	18.7	-1.23	0.39	91.0	-0.19	0.18	
D7KDUT	137.9	0.03	0.52	108.6	-0.09	0.56	24.2	-0.75	0.77	102.9	0.21	0.44	
DN8LY4	97.3	-1.23	0.19	94.7	-0.51	0.27	30.7	-0.20	0.15	73.3	-0.78	0.58	
DXAB9R	131.7	-0.17	0.57	126.3	0.45	0.15	37.3	0.36	0.10	96.5	-0.01	1.01	
EF3F87	96.2	-1.27	0.09	106.7	-0.15	0.25	26.8	-0.53	0.26	73.2	-0.78	0.48	
JBW7BL	219.7	2.57X	0.46	174.6	1.92	0.34	34.6	0.14	0.15	203.6	3.56X	0.61	
JWY2Z3	89.2	-1.49	0.69	83.5	-0.85	0.16	24.7	-0.71	0.09	62.1	-1.15	0.10	
KAZDQL	144.3	0.23	0.00	114.3	0.09	0.00	38.7	0.49	0.00	97.1	0.01	0.00	
KJKNYR	135.7	-0.04	1.31	135.7	0.74	1.20	43.4	0.89	2.49	100.7	0.14	1.80	
LKWK4W	106.9	-0.94	0.39	74.0	-1.14	0.12	16.5	-1.41	0.06	56.7	-1.33	0.26	
N4LJHU	94.6	-1.32	0.07	95.3	-0.49	0.07	28.5	-0.38	0.22	71.1	-0.85	0.16	
T4QPTC	151.7	0.46	2.45	85.0	-0.81	0.85	25.0	-0.68	0.45	70.0	-0.89	0.31	
W4W4WN	140.5	0.11	0.20	125.2	0.42	0.14	37.7	0.40	0.28	121.6	0.83	0.15	
W8VFTN	164.8	0.87	0.87	148.1	1.11	1.90	65.2	2.76X	3.82	128.6	1.06	2.24	
XM3ABM	163.7	0.83	0.75	148.2	1.12	0.20	43.1	0.86	0.21	129.9	1.11	0.90	
ZXBQVP	141.0	0.12	0.17	118.1	0.20	0.29	41.3	0.71	0.50	96.8	0.01	0.42	



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AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	137.0	111.5	33.0	96.7	
Median Abs Dev	22.2	23.5	8.0	23.6	
Avg Within Lab SD	7.9	8.5	3.9	5.5	
Labs Included	21	22	21	20	
Labs Reporting	22	22	22	22	



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	14.9	-0.36	0.06	23.3	-1.13	0.27	48.3	-0.31	0.06	26.0	-0.51	0.15
3QUNDF	17.9	0.90	0.41	27.6	0.33	0.45	49.7	-0.01	0.64	28.4	0.24	0.22
4KDMN2	18.4	1.14	0.99	28.6	0.65	1.05	49.8	0.01	0.87	31.0	1.03	0.17
4VW7YK	16.0	0.08	0.24	28.8	0.73	0.39	53.0	0.69	0.40	31.0	1.04	0.30
4W87VF	14.4	-0.61	0.36	24.5	-0.75	0.38	46.2	-0.75	1.04	25.8	-0.57	0.18
4X2UEB	16.5	0.31	0.40	26.4	-0.09	0.13	51.1	0.29	0.42	26.9	-0.24	0.18
8MM9GJ	14.0	-0.75	0.52	24.7	-0.67	1.20	47.3	-0.52	1.38	24.3	-1.04	5.92
8MVYWH	15.7	-0.05	0.67	27.7	0.34	0.75	51.0	0.27	1.12	29.3	0.51	0.38
ACMCFT	16.4	0.28	0.24	27.4	0.24	0.15	49.4	-0.07	0.87	26.8	-0.27	0.15
AH9CPE	18.8	1.30	3.84	26.5	-0.04	1.22	50.4	0.14	0.26	29.3	0.49	0.20
D7KDUT	13.0	-1.18	1.06	24.2	-0.84	1.15	48.2	-0.33	0.81	27.1	-0.19	0.31
DN8LY4	16.7	0.38	0.67	26.3	-0.11	0.75	49.0	-0.16	0.64	27.0	-0.21	0.33
DXAB9R	15.9	0.05	0.13	25.5	-0.40	0.12	50.6	0.18	0.19	27.1	-0.17	0.14
EF3F87	17.7	0.83	1.11	28.6	0.66	1.75	55.2	1.15	0.62	30.5	0.88	0.04
F24RXR	15.7	-0.05	1.35	23.7	-1.02	0.75	47.0	-0.58	1.71	23.7	-1.23	0.50
GKEW62	15.2	-0.26	0.36	23.5	-1.08	0.79	48.1	-0.34	0.39	25.1	-0.78	0.15
HBJBC9	11.5	-1.85	2.72	20.8	-1.99	3.02	44.9	-1.03	2.83	21.6	-1.88	0.75
JBW7BL	2.2	-5.84X	0.04	16.8	-3.38X	0.36	41.4	-1.75	0.44	3.7	-7.40X	0.02
JWY2Z3	15.2	-0.27	0.30	25.6	-0.38	0.43	49.1	-0.14	0.50	27.6	-0.02	0.09
KAZDQL	16.2	0.18	0.00	26.7	0.01	0.00	50.6	0.18	0.00	28.9	0.38	0.00
KJKNYR	17.0	0.51	0.24	31.4	1.63	1.50	60.0	2.17	2.95	33.0	1.64	0.83
LKWK4W	13.6	-0.95	0.20	23.4	-1.11	0.45	46.5	-0.69	0.00	24.7	-0.92	0.08
MH2JDY	19.9	1.79	1.18	30.8	1.41	0.66	57.2	1.57	1.39	31.1	1.05	0.03
N4LJHU	15.4	-0.18	0.45	27.6	0.32	0.21	53.3	0.75	0.05	29.8	0.67	0.03
N7PATF	16.3	0.23	1.03	27.8	0.39	1.04	51.0	0.28	0.91	29.2	0.49	0.19
R3H93T	13.4	-1.01	0.18	23.1	-1.23	1.45	41.9	-1.65	1.32	24.4	-1.02	0.45



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B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RVAVVW	22.6	2.95	0.03	20.5	-2.12	0.37	51.5	0.37	1.29	23.1	-1.42	0.38	
T4QPTC	17.0	0.52		29.7	1.02	0.75	59.7	2.09	0.74	31.3	1.13	0.19	
T6YRMN	17.9	0.90	0.75	27.5	0.30	0.97	54.7	1.05	1.02	32.0	1.34	0.54	
W4W4WN	15.6	-0.09	0.00	26.8	0.03	0.68	53.0	0.69	0.39	29.6	0.61	0.00	
W8VFTN	15.2	-0.24	0.45	27.4	0.25	1.61	55.3	1.18	0.58	28.7	0.31	0.34	
WEQT3M	15.1	-0.29	0.12	27.8	0.39	0.10	36.0	-2.89X	0.64	46.5	5.81X	0.16	
WP9BVU	15.1	-0.28	1.06	27.3	0.21	1.69	48.5	-0.26	0.98	27.7	0.00	0.22	
WQ3YEP	15.0	-0.33	0.16	26.3	-0.11	0.11	51.1	0.29	0.07	27.7	0.00	0.13	
XM3ABM	14.7	-0.47	0.35	25.5	-0.40	0.30	47.2	-0.54	0.19	26.9	-0.22	0.11	
Y7AR36	15.3	-0.21	1.04	24.9	-0.61	0.79	46.4	-0.70	0.45	26.2	-0.46	0.64	
YB6NJH	14.0	-0.78	1.20	23.4	-1.11	1.87	43.8	-1.24	1.11	27.2	-0.14	0.11	
YJVAPG	16.0	0.09		27.2	0.19	0.37	49.7	-0.01	0.62	29.5	0.56	0.14	
YWQCGP	18.9	1.34	1.00	29.4	0.94	0.82	53.1	0.71	0.45	30.0	0.71	0.50	
ZXBQVP	22.5	2.89	0.31	31.7	1.72	0.39	55.2	1.16	0.30	33.9	1.92	0.15	
ZYP8EH	16.0	0.08	0.50	26.6	-0.01	0.73	46.2	-0.74	0.58	27.7	-0.01	0.21	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2109		SRB2110		SRB2111		SRB2112	
Grand Median	15.8		26.7		49.7		27.7	
Median Abs Dev	0.9		1.5		2.6		1.8	
Avg Within Lab SD	0.9		0.8		1.6		3.0	
Labs Included	40		40		40		39	
Labs Reporting	41		41		41		41	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	9.0	-1.52	0.11	37.1	-2.98X	0.38	21.8	-3.82X	0.06	36.4	-1.63	0.19
3QUNDF	15.1	1.06	0.64	47.3	-0.82	2.07	34.8	-0.05	1.47	47.0	0.17	0.93
4KDMN2	13.0	0.14	0.41	53.6	0.52	1.44	37.0	0.62	1.30	48.9	0.49	0.89
4VW7YK	11.7	-0.38	0.05	48.8	-0.51	0.15	32.7	-0.65	0.31	43.1	-0.50	0.21
4W87VF	12.7	0.02	0.30	49.8	-0.30	0.23	34.7	-0.06	0.41	45.3	-0.12	0.35
4X2UEB	10.7	-0.82	0.36	48.8	-0.51	1.34	33.2	-0.50	0.19	39.7	-1.08	0.66
8MM9GJ	11.6	-0.43	0.57	47.4	-0.79	1.13	33.5	-0.42	2.67	30.5	-2.66	3.23
8MVYWH	12.3	-0.12	0.47	53.3	0.45	0.38	36.0	0.31	1.21	48.7	0.46	0.74
ACMCFT	12.9	0.11	0.05	54.9	0.78	0.17	33.5	-0.43	0.11	43.5	-0.43	0.06
AH9CPE	16.6	1.69	5.39	52.7	0.31	1.24	36.1	0.33	0.40	49.9	0.67	0.49
D7KDUT	13.9	0.56	0.20	55.8	0.98	0.74	36.9	0.56	0.40	50.9	0.83	0.80
DN8LY4	13.3	0.30	0.47	51.0	-0.04		34.0	-0.27	0.70	44.3	-0.28	0.28
DXAB9R	12.4	-0.09	0.03	48.8	-0.50	0.04	35.9	0.28	0.19	44.0	-0.33	0.63
EF3F87	11.5	-0.46	0.78	50.1	-0.23	0.75	33.9	-0.31	1.79	46.0	0.00	0.77
F24RXR	14.3	0.73	1.25	48.7	-0.54	1.36	32.7	-0.66	1.77	44.0	-0.34	0.84
F88X73	16.1	1.49	1.70	49.4	-0.37	1.57	34.6	-0.10	0.78	45.6	-0.07	0.92
GKEW62	17.5	2.07	0.08	48.3	-0.61	0.58	34.9	0.00	0.36	44.2	-0.31	0.37
HBJBC9	9.0	-1.53	0.59	36.8	-3.04X	0.91	28.5	-1.86	0.43	35.1	-1.87	0.49
HPYJ8K	14.5	0.79	0.94	52.5	0.28	0.60	36.3	0.41	1.22	48.1	0.35	1.11
JBW7BL	15.0	1.00	0.20	62.6	2.40	0.68	43.4	2.47	0.50	0.0	-7.86X	0.00
JWY2Z3	12.0	-0.28	0.47	50.0	-0.24	1.22	34.3	-0.19	1.52	42.3	-0.64	1.76
KAZDQL	11.9	-0.31	0.00	50.1	-0.23	0.00	33.5	-0.42		45.7	-0.05	0.00
KJKNYR	13.2	0.26	0.97	59.7	1.79	1.25	40.5	1.62	2.71	52.5	1.11	2.37
LKWK4W	10.9	-0.72	0.04	47.2	-0.85	0.35	32.8	-0.61	0.09	41.9	-0.70	0.17
MH2JDY	11.7	-0.40	0.05	49.1	-0.45	0.14	36.4	0.42	1.24	43.6	-0.41	0.37
N4LJHU	12.9	0.11	0.14	55.5	0.91	0.09	37.5	0.74	0.06	50.7	0.80	0.31



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
N7PATF	12.6	-0.02	0.80	54.9	0.78	1.37	35.5	0.17	0.55	50.4	0.74	0.48
Q8A62T	14.5	0.79	0.47	53.4	0.46	1.07	44.3	2.72	0.82	54.7	1.48	1.00
R3H93T	19.3	2.85X	9.69	45.7	-1.17	1.89	32.3	-0.76	0.81	41.3	-0.80	0.28
RVAVWV	11.2	-0.61	0.01	56.1	1.04	0.56	38.0	0.88	0.13	50.9	0.84	0.94
T4QPTC	13.3	0.30	0.47	54.7	0.73	1.00	37.0	0.60		47.7	0.28	0.56
T6YRMN	12.9	0.12	0.28	51.2	0.00	0.89	36.2	0.37	0.61	50.4	0.76	1.52
VP2M8P	10.8	-0.76	0.78	46.6	-0.97	1.51	29.9	-1.45	0.22	42.6	-0.59	2.10
W4W4WN	13.0	0.18	0.13	55.1	0.82	0.41	37.5	0.73	0.15	50.0	0.69	0.30
W8VFTN	9.7	-1.23	0.17	58.8	1.60	0.41	38.1	0.93	0.72	51.5	0.95	0.96
WEQT3M	10.4	-0.94	0.16	49.9	-0.28	0.07	54.6	5.73X	0.21	28.6	-2.98X	0.32
WP9BVU	11.7	-0.39	1.07	48.3	-0.61	1.25	31.5	-1.00	0.32	41.6	-0.75	0.48
WQ3YEP	11.4	-0.50	0.17	45.4	-1.23	0.54	31.2	-1.08	0.10	41.0	-0.85	0.87
XM3ABM	12.0	-0.27	0.21	53.0	0.39	0.43	34.8	-0.05	0.23	48.2	0.38	0.44
Y7AR36	14.3	0.73	0.47	46.3	-1.03	1.00	32.0	-0.85	0.70	46.0	0.00	0.49
YB6NJH	16.1	1.49	0.12	53.9	0.58	1.62	39.4	1.29	0.41	51.5	0.95	0.93
YJVAPG	11.2	-0.60	0.81	52.1	0.18	0.68	36.0	0.32	0.70	52.0	1.02	0.90
YWQCGP	15.4	1.17	1.28	55.4	0.89	1.44	36.9	0.58	1.21	50.7	0.80	1.19
ZXBQVP	14.4	0.77	0.37	53.6	0.51	1.02	36.2	0.37	1.04	49.5	0.60	0.25
ZYP8EH	9.3	-1.41	0.37	52.6	0.29	0.65	33.0	-0.56	0.86	47.2	0.21	0.95

Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2109	SRB2110	SRB2111	SRB2112
Grand Median	12.6	51.2	34.9	46.0
Median Abs Dev	1.4	2.5	1.9	3.7
Avg Within Lab SD	1.2	1.5	1.4	2.1
Labs Included	44	43	43	43
Labs Reporting	45	45	45	45



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	26.7	-0.90	0.11	67.3	-0.82	0.11	85.7	-0.62	0.26	45.0	-0.72	0.14
3QUNDF	29.5	-0.05	2.78	70.4	-0.42	2.51	92.2	0.13	1.20	48.6	-0.02	0.80
4KDMN2	33.3	1.11	2.30	74.9	0.18	2.56	90.5	-0.07	1.07	50.3	0.30	0.59
4VW7YK	30.7	0.31	0.23	74.6	0.14	0.06	89.1	-0.24	0.40	48.5	-0.04	0.04
4W87VF	30.7	0.32	1.11	72.4	-0.16	0.34	91.4	0.03	0.29	49.4	0.13	0.19
4X2UEB	31.3	0.51	0.78	86.0	1.63	1.91	101.7	1.22	0.39	51.3	0.51	0.39
8MM9GJ	26.5	-0.96	0.89	66.9	-0.87	0.98	79.9	-1.30	0.99	53.0	0.84	6.02
8MVYWH	27.0	-0.81	0.78	69.7	-0.51	0.24	86.0	-0.59	1.16	46.3	-0.46	0.38
ACMCFT	29.7	0.00	0.05	79.7	0.80	0.09	90.0	-0.12	0.14	48.4	-0.06	0.02
AH9CPE	31.7	0.61	0.45	73.5	-0.01	1.04	92.6	0.17	0.24	51.7	0.58	0.19
D7KDUT	30.9	0.38	0.50	73.6	0.01	0.45	91.0	-0.01	0.45	50.5	0.36	0.09
DN8LY4	29.0	-0.20	0.78	72.3	-0.16	0.47	86.3	-0.55	0.19	47.3	-0.27	0.11
DXAB9R	37.9	2.52	0.42	93.0	2.56	0.08	118.8	3.21X	0.39	61.2	2.44	0.18
EF3F87	28.7	-0.29	1.18	73.3	-0.03	2.03	95.8	0.55	2.17	47.3	-0.27	0.67
F24R XR	30.7	0.31	1.63	67.3	-0.82	0.63	84.7	-0.74	0.70	43.7	-0.98	0.42
F88X73	31.7	0.61	0.91	75.0	0.19	1.49	91.8	0.08	0.34	49.6	0.18	0.51
GKEW62	26.6	-0.93	0.39	65.3	-1.09	0.51	86.3	-0.55	0.24	43.4	-1.03	0.18
HBJBC9	23.3	-1.94	1.51	56.9	-2.19	1.42	75.8	-1.77	1.79	40.0	-1.70	0.08
HPYJ8K	29.5	-0.05	0.13	73.9	0.05	0.75	91.7	0.07	0.08	48.7	0.00	0.30
JBW7BL	31.8	0.64	0.41	71.9	-0.21	0.49	90.9	-0.02	0.50	39.8	-1.74	0.12
JWY2Z3	28.2	-0.45	0.76	72.4	-0.15	1.22	88.5	-0.30	1.46	47.4	-0.25	0.26
KAZDQL	29.1	-0.17	0.00	73.5	-0.01		92.5	0.16		49.5	0.16	
KJKNYR	32.4	0.83	0.90	90.0	2.16	1.54	109.5	2.13	3.42	59.4	2.10	0.98
LKWK4W	24.7	-1.52	0.49	66.5	-0.93	0.22	87.7	-0.39	0.12	43.6	-1.00	0.15
MH2JDY	30.0	0.09	0.22	72.5	-0.14	0.82	93.9	0.33	1.43	47.7	-0.20	0.10
N4LJHU	31.3	0.50	0.67	81.2	1.00	0.02	100.3	1.07	0.09	54.6	1.15	0.05



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Mn (SubTestCode 221) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
N7PATF	27.5	-0.65	2.52	77.0	0.45	1.16	93.2	0.24	0.71	51.6	0.56	0.23	
Q8A62T	15.0	-4.46X	1.42	49.9	-3.12X	0.59	62.5	-3.31X	0.12	43.1	-1.10	0.45	
R3H93T	25.3	-1.32	0.45	60.3	-1.74	1.03	77.0	-1.63	1.34	40.7	-1.57	0.28	
RVAVWV	33.8	1.25	0.37	84.4	1.42	0.28	104.4	1.54	0.97	54.9	1.21	0.02	
T4QPTC	33.0	1.02		80.7	0.94	0.24	102.3	1.30	0.19	53.0	0.84		
T6YRMN	29.9	0.06	0.39	73.7	0.02	0.89	93.6	0.29	0.40	50.6	0.37	0.10	
VP2M8P	25.9	-1.16	1.31	66.9	-0.88	1.61	78.8	-1.42	1.02	44.3	-0.86	0.47	
W4W4WN	29.6	-0.02	0.08	76.5	0.39	0.30	96.4	0.62	0.71	51.9	0.62	0.04	
W8VFTN	33.8	1.25	0.91	86.4	1.70	0.24	107.5	1.90	1.26	56.4	1.50	0.35	
WEQT3M	30.8	0.35	0.16	81.6	1.05	0.21	66.0	-2.90	0.02	84.4	6.98X	0.10	
WP9BVU	29.0	-0.20	0.62	77.1	0.47	0.34	88.7	-0.27	1.67	48.3	-0.07	0.44	
WQ3YEP	30.8	0.34	0.87	72.5	-0.14	0.51	92.8	0.19	0.30	351.7	59.24X	95.73	
XM3ABM	29.7	0.00	0.69	74.8	0.17	0.45	91.7	0.06	0.26	49.4	0.14	0.13	
Y7AR36	28.3	-0.40	1.20	67.7	-0.77	0.63	84.7	-0.74	0.51	45.7	-0.59	0.28	
YB6NJH	21.7	-2.42	1.29	64.0	-1.26	1.29	76.9	-1.65	0.80	44.5	-0.82	0.16	
YJVAPG	30.1	0.12	0.87	73.6	0.01	0.29	91.1	0.00	0.41	49.7	0.20	0.32	
YWQCGP	32.9	1.00	0.86	80.3	0.88	0.26	97.9	0.78	0.27	53.0	0.85	0.31	
ZXBQVP	27.7	-0.61	0.23	74.6	0.13	0.53	91.3	0.03	0.67	48.8	0.01	0.04	
ZYP8EH	28.0	-0.49	0.29	73.3	-0.03	0.56	89.4	-0.20	0.72	47.7	-0.19	0.06	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	29.7	73.6	91.1	48.7	
Median Abs Dev	1.7	3.5	3.4	2.9	
Avg Within Lab SD	1.3	2.4	3.0	5.5	
Labs Included	44	44	43	43	
Labs Reporting	45	45	45	45	



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	95.1	-1.17	0.02	125.3	-0.95	0.11	80.7	-2.49	0.19	152.0	-0.70	0.26
3QUNDF	128.8	0.66	0.21	124.6	-0.97	0.73	105.0	-0.81	0.45	143.3	-1.01	0.19
4KDMN2	150.2	1.83	2.83	182.3	1.16	3.55	131.0	0.99	1.69	193.1	0.78	2.46
4VW7YK	121.7	0.27	0.16	170.7	0.73	0.07	116.7	0.00	0.15	186.7	0.54	0.19
4W87VF	127.1	0.57	0.13	153.7	0.10	0.57	118.6	0.13	0.15	170.9	-0.02	0.62
4X2UEB	128.7	0.65	0.69	171.0	0.74	1.12	137.3	1.43	0.54	184.0	0.45	1.03
8MM9GJ	91.7	-1.36	0.67	121.7	-1.08	1.43	99.9	-1.16	1.06	163.0	-0.30	0.85
8MVYWH	115.0	-0.09	0.37	159.0	0.30	0.42	114.3	-0.16	0.54	177.7	0.22	0.96
ACMCFT	121.3	0.26	0.21	168.7	0.66	0.14	112.3	-0.30	0.08	178.0	0.23	0.46
AH9CPE	114.0	-0.14	0.87	133.7	-0.64	2.89	125.9	0.64	4.51	169.5	-0.07	0.06
D7KDUT	119.6	0.16	0.35	164.9	0.52	0.71	115.1	-0.11	0.28	182.0	0.38	0.79
DN8LY4	113.7	-0.16	0.08	153.7	0.10	0.18	118.7	0.14	0.20	175.0	0.13	0.67
DXAB9R	111.1	-0.30	0.55	134.7	-0.60	0.08	111.8	-0.34	0.14	155.3	-0.58	0.25
EF3F87	110.3	-0.34	0.53	147.0	-0.14	0.54	124.7	0.55	0.67	170.3	-0.04	0.96
F24RXR	109.7	-0.38	3.74	113.3	-1.39	0.68	106.7	-0.69	0.77	126.7	-1.61	0.82
F88X73	134.6	0.98	0.89	161.8	0.40	1.37	126.6	0.69	1.37	179.4	0.28	1.40
GKEW62	130.0	0.73	0.87	142.0	-0.33	0.35	122.0	0.37	1.00	166.0	-0.20	0.38
HBJBC9	82.1	-1.88	1.11	97.0	-1.99	0.63	97.7	-1.32	0.89	121.7	-1.78	0.15
HPYJ8K	119.8	0.17	0.18	154.6	0.14	0.24	117.7	0.07	0.03	172.4	0.03	0.99
JBW7BL	98.3	-1.00	0.23	140.0	-0.41	0.27	142.6	1.80	0.31	125.0	-1.67	0.26
JWY2Z3	97.2	-1.06	0.39	130.0	-0.77	0.49	109.5	-0.50	0.47	158.1	-0.48	0.84
KAZDQL	114.7	-0.11	0.00	144.8	-0.23	0.00	118.7	0.14	0.00	174.7	0.12	0.00
KJKNYR	125.7	0.49	0.08	177.7	0.99	1.64	136.0	1.34	1.48	203.3	1.14	2.26
LKWK4W	88.6	-1.53	0.35	108.0	-1.59	0.07	99.6	-1.18	0.11	133.5	-1.36	0.41
MH2JDY	55.2	-3.34X	0.04	105.0	-1.70	1.37	106.1	-0.73	1.07	108.7	-2.25	0.22
N4LJHU	105.6	-0.60	0.73	139.7	-0.42	0.13	120.8	0.29	0.01	167.3	-0.15	0.29



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Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
N7PATF	111.0	-0.31	0.35	161.6	0.39	0.87	114.7	-0.14	0.61	183.9	0.44	0.94	
Q8A62T	73.9	-2.33	0.37	106.1	-1.66	0.48	92.0	-1.71	0.88	152.1	-0.69	0.10	
R3H93T	118.3	0.09	1.90	136.3	-0.54	1.09	114.0	-0.18	1.93	146.3	-0.90	0.32	
RVAVWV	146.7	1.64	0.04	188.0	1.37	0.47	146.3	2.05	0.11	206.2	1.25	0.10	
T4QPTC	100.0	-0.91	0.37	122.0	-1.07	0.31	115.7	-0.07	0.55	145.3	-0.94	0.19	
T6YRMN	153.7	2.01	1.86	172.7	0.80	0.55	178.3	4.27X	0.76	235.0	2.28	3.03	
VP2M8P	104.4	-0.66	1.48	137.7	-0.49	1.68	98.4	-1.27	0.93	155.7	-0.56	2.06	
W4W4WN	107.6	-0.49	0.36	151.5	0.02	0.14	110.9	-0.40	0.43	171.5	0.00	0.13	
W8VFTN	111.5	-0.28	1.78	163.1	0.45	0.88	125.5	0.61	1.20	189.3	0.64	1.74	
WEQT3M	92.8	-1.30	0.09	113.0	-1.40	0.12	186.5	4.83X	0.07	88.6	-2.97	0.03	
WP9BVU	116.7	0.00	0.69	162.3	0.42	0.34	118.3	0.12	0.68	166.7	-0.17	0.76	
WQ3YEP	116.6	0.00	0.27	150.9	0.00	0.64	112.4	-0.30	0.11	165.4	-0.22	0.54	
XM3ABM	127.7	0.60	0.63	176.4	0.94	1.53	124.2	0.52	0.20	189.8	0.66	0.46	
Y7AR36	121.7	0.27	0.45	153.0	0.08	0.42	126.0	0.65	0.61	178.3	0.25	1.17	
YB6NJH	120.0	0.18	0.50	148.7	-0.08	0.38	102.0	-1.02	0.48	176.3	0.17	0.84	
YJVAPG	123.0	0.35	0.85	166.7	0.58	0.49	125.7	0.62	0.41	193.0	0.77	0.50	
YWQCGP	130.3	0.75	0.43	160.7	0.36	0.18	125.0	0.58	0.23	183.7	0.44	1.35	
ZXBQVP	120.5	0.21	0.13	148.0	-0.11	0.41	121.0	0.30	0.45	176.2	0.17	0.45	
ZYP8EH	124.4	0.42	0.64	165.7	0.55	0.98	114.8	-0.13	0.22	180.7	0.33	0.72	

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2109		SRB2110		SRB2111	
Grand Median	116.6		150.9		116.7	
Median Abs Dev	9.0		14.8		8.0	
Avg Within Lab SD	7.2		8.5		7.5	
Labs Included	44		45		43	
Labs Reporting	45		45		45	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
268WEJ	9.1	-1.25	0.11	9.2	-1.52	0.03	10.4	-0.41	0.20	5.3	-1.34	0.11
3QUNDF	10.9	0.62	1.11	11.2	0.45	1.21	11.7	0.80	1.16	7.0	0.43	1.38
4KDMN2	10.7	0.37	0.76	11.5	0.75	0.66	10.9	0.09	0.93	7.1	0.52	1.15
4VW7YK	9.3	-1.02	0.22	10.2	-0.48	0.87	9.7	-1.01	0.21	5.9	-0.74	0.00
4W87VF	8.0	-2.38	0.20	9.2	-1.53	1.04	8.0	-2.55	0.81	4.5	-2.06	0.09
4X2UEB	10.0	-0.35	0.49	11.7	0.95	1.33	11.6	0.70	0.14	6.0	-0.59	0.34
8MM9GJ	9.1	-1.26	0.40	9.6	-1.14	0.97	9.5	-1.16	1.60	13.3	6.69X	8.16
8MVYWH	9.7	-0.65	1.05	10.7	-0.04	1.27	10.3	-0.43	1.42	6.0	-0.60	
ACMCFT	11.5	1.23	0.37	11.5	0.82	0.13	11.2	0.34	0.51	7.0	0.36	0.27
AH9CPE	12.9	2.70X	7.07	11.4	0.68	1.17	10.9	0.12	0.28	7.5	0.93	0.27
D7KDUT	9.1	-1.24	0.39	9.6	-1.10	0.73	9.8	-0.90	0.59	5.8	-0.76	0.67
DN8LY4	10.0	-0.31		10.0	-0.70		8.7	-1.96	1.42	6.3	-0.27	1.36
DXAB9R	10.6	0.27	0.15	10.6	-0.15	0.10	10.7	-0.11	0.29	6.6	-0.05	0.15
EF3F87	10.3	0.00	0.66	10.9	0.16	0.77	10.9	0.12	0.99	6.8	0.20	1.25
F24RXR	10.8	0.48	3.59	10.0	-0.67	1.92	9.9	-0.83	0.25	5.9	-0.73	0.36
F88X73	11.1	0.82	0.18	11.7	0.98	2.10	11.8	0.95	0.86	8.1	1.53	3.53
GKEW62	9.0	-1.36	0.38	9.3	-1.43	0.71	9.7	-0.98	0.51	5.8	-0.80	0.24
HBJBC9	9.5	-0.86	1.87	10.3	-0.46	0.65	11.8	0.88	1.08	6.8	0.18	1.36
HPYJ8K	9.9	-0.36	0.24	10.4	-0.27	0.75	10.4	-0.38	0.24	6.5	-0.08	0.47
JBW7BL	10.3	0.02	0.31	10.9	0.15	0.40	10.1	-0.69	0.41	2.7	-3.90X	0.10
JWY2Z3	9.7	-0.58	0.59	10.2	-0.49	0.93	10.5	-0.28	1.45	6.4	-0.25	0.31
KAZDQL	9.8	-0.52	0.00	10.6	-0.12	0.00	10.6	-0.18	0.00	6.6	-0.03	0.00
KJKNYR	10.7	0.38	0.56	12.2	1.48	0.88	12.4	1.50	2.72	7.4	0.83	1.57
LKWK4W	9.6	-0.67	1.18	9.7	-1.01	0.55	10.1	-0.67	0.26	5.9	-0.73	0.21
MH2JDY	10.8	0.48	0.27	10.7	0.01	0.36	11.1	0.31	1.13	6.2	-0.39	0.18
N4LJHU	10.5	0.17	0.27	11.4	0.70	0.22	11.5	0.62	0.29	7.2	0.57	0.38



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
N7PATF	11.4	1.12	2.49	10.3	-0.40	1.22	10.8	0.03	0.53	6.0	-0.59	1.73
Q8A62T	10.6	0.32	0.86	10.9	0.17	1.27	10.4	-0.35	1.16	7.3	0.73	0.43
R3H93T	10.7	0.45	1.28	11.5	0.75	0.67	11.4	0.58	1.81	8.0	1.42	0.95
RVAVWV	13.4	3.15X	0.30	15.0	4.22X	0.02	14.6	3.46X	0.68	9.4	2.81X	0.32
T4QPTC	11.0	0.72		11.0	0.29		11.0	0.18		7.0	0.40	
T6YRMN	11.4	1.16	1.37	12.1	1.41	0.55	12.2	1.26	0.79	8.3	1.70	0.74
VP2M8P	9.5	-0.87	1.46	10.2	-0.54	1.49	9.4	-1.30	2.01	6.2	-0.39	1.28
W4W4WN	10.9	0.58	0.48	11.9	1.14	0.61	11.9	1.04	0.15	8.6	2.03	1.66
W8VFTN	10.3	0.00	0.64	11.0	0.25	0.94	11.2	0.39	0.75	6.6	0.03	0.68
WEQT3M	8.8	-1.58	0.09	9.7	-1.00	0.44	7.2	-3.31X	0.22	8.4	1.83	0.20
WP9BVU	10.2	-0.14	0.76	11.3	0.55	2.42	10.2	-0.52	1.91	7.3	0.66	1.44
WQ3YEP	10.1	-0.19	0.50	10.7	-0.01	0.20	10.9	0.13	0.26	6.8	0.23	0.03
XM3ABM	10.4	0.07	0.58	11.6	0.85	0.47	11.1	0.27	0.14	7.2	0.57	0.31
Y7AR36	11.0	0.72		11.7	0.95	1.27	11.3	0.49	1.42	7.7	1.06	1.36
YB6NJH	9.7	-0.64	1.16	9.8	-0.94	1.47	9.0	-1.64	0.28	6.5	-0.07	0.56
YJVAPG	8.8	-1.50	0.53	10.2	-0.51	1.14	9.7	-0.98	0.57	6.2	-0.43	0.68
YWQCGP	10.5	0.21	0.48	10.9	0.22	0.51	10.8	0.00	0.74	6.5	-0.09	0.86
ZXBQVP	10.1	-0.24	0.56	10.3	-0.41	0.58	10.2	-0.55	0.25	6.5	-0.13	0.14
ZYP8EH	11.1	0.86	0.61	11.8	1.05	0.46	11.2	0.32	0.62	7.6	1.01	0.10

Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2109	SRB2110	SRB2111	SRB2112
Grand Median	10.3	10.7	10.8	6.60
Median Abs Dev	0.6	0.7	0.6	0.59
Avg Within Lab SD	0.5	0.5	0.4	0.42
Labs Included	43	44	43	42
Labs Reporting	45	45	45	45



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Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4KDMN2	0.33	1.59	0.60	1.11	0.82	0.15	0.59	0.74	0.16	5.09	-0.02	0.61	
4VW7YK	0.12	-0.08	0.05	1.03	0.47	0.08	0.52	0.32	0.14	5.58	0.73	0.31	
4X2UEB	0.12	-0.10	0.03	1.10	0.78	0.69	0.55	0.48	0.04	5.62	0.79	0.69	
8MM9GJ	0.06	-0.58	0.78	0.81	-0.58	1.02	0.41	-0.38	0.38	1.11	-6.17X	2.08	
8MVYWH				0.87	-0.32	0.80	0.37	-0.61	1.22	5.13	0.04	1.15	
D7KDUT				1.17	1.09	1.90				5.12	0.02	0.35	
DN8LY4	0.10	-0.23	0.00	0.90	-0.16	0.00	0.47	-0.02	0.61	5.07	-0.06	0.61	
DXAB9R	0.09	-0.28	0.08	0.91	-0.13	0.22	0.51	0.24	0.08	4.81	-0.46	0.44	
EF3F87										4.73	-0.58	2.55	
F24R XR	0.13	0.03	0.47	0.94	0.01	0.92	0.47	0.00	0.49	4.77	-0.52	0.62	
HBJBC9	0.17	0.36	0.79	0.81	-0.58	1.06	0.34	-0.74	0.91	4.01	-1.70	0.56	
JBW7BL	0.47	2.73	0.09	1.42	2.29	0.33	0.68	1.26	0.12	4.41	-1.08	0.29	
JWY2Z3				0.97	0.16	0.29				5.52	0.64	0.95	
KJKNYR	0.12	-0.03	0.07	1.19	1.22	0.56	0.61	0.82	0.55	6.54	2.21	2.02	
LKWK4W	0.21	0.65	0.00	0.39	-2.56X	0.32	0.21	-1.54	0.00	4.63	-0.74	0.35	
N4LJHU	0.22	0.71	0.70	1.25	1.49	1.19	0.74	1.57	0.34	6.09	1.52	0.57	
R3H93T	0.37	1.90	3.26	0.84	-0.45	1.96	0.21	-1.52	0.49	4.43	-1.05	1.33	
T6YRMN										5.26	0.23	0.26	
W4W4WN	0.07	-0.49	0.18	0.80	-0.65	0.15	0.41	-0.38	0.15	4.58	-0.81	0.08	
WP9BVU	0.33	1.64	2.23	1.23	1.39	2.23	0.68	1.22	3.86	5.46	0.55	1.92	
WQ3YEP	0.13	0.05	0.10	0.93	-0.01	0.63	0.54	0.39	0.12	5.14	0.05	0.16	
XM3ABM	0.07	-0.45	0.04	0.84	-0.44	0.20	0.45	-0.13	0.04	4.71	-0.62	0.36	
ZYP8EH	0.10	-0.23	0.00	0.84	-0.43	0.99	0.39	-0.45	0.52	5.37	0.41	0.79	



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Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	0.13	0.93	0.47	5.11	
Median Abs Dev	0.05	0.11	0.08	0.39	
Avg Within Lab SD	0.09	0.07	0.09	0.25	
Labs Included	18	20	19	22	
Labs Reporting	18	21	19	23	



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P (SubTestCode 225) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	0.09		0.74	0.63		0.62	0.47		0.21	0.64	0.32
DXAB9R	0.09		0.23	0.78		0.43	0.54		0.12	0.68	1.52
NGAVKW	0.10		1.84	0.67		1.07	0.49		0.36	0.69	1.09
TNTQMV	0.10		0.00	0.64		1.51	0.50		1.95	0.65	0.63

P (SubTestCode 225) in the Dry Ash Property Groups										Data units: Percent
	SRB2109			SRB2110			SRB2111			SRB2112
Grand Median	0.09			0.66			0.49			0.66
Median Abs Dev										
Avg Within Lab SD	0.00			0.00			0.01			0.01
Labs Included	4			4			4			4
Labs Reporting	4			4			4			4



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K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	0.57		1.36	4.19		1.27	1.60		1.70	6.58	0.71
DXAB9R	0.62		0.17	4.49		1.10	1.63		0.07	6.83	0.48
NGAVKW	0.65		1.18	4.79		0.84	1.69		0.28	7.64	1.04
TNTQMV	0.70		0.86	4.75		0.70	1.80		1.02	7.32	1.48

K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

	SRB2109	SRB2110	SRB2111	SRB2112
Grand Median	0.64	4.62	1.66	7.07
Median Abs Dev				
Avg Within Lab SD	0.01	0.04	0.02	0.07
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4



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Ca (SubTestCode 227) in the Dry Ash Property Groups Data units: Percent

WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	2.21		0.33	1.51		0.32	1.01		0.31	1.63	0.65
DXAB9R	2.38		0.86	1.52		0.27	1.07		0.50	1.64	1.54
NGAVKW	2.23		1.35	1.52		1.07	1.03		1.76	1.65	0.98
TNTQMV	2.20		1.16	1.50		1.64	1.00		0.74	1.62	0.50

Ca (SubTestCode 227) in the Dry Ash Property Groups Data units: Percent

	SRB2109			SRB2110			SRB2111			SRB2112	
Grand Median	2.22			1.51			1.02			1.63	
Median Abs Dev											
Avg Within Lab SD	0.01			0.02			0.01			0.03	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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Mg (SubTestCode 228) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	0.16		0.62	1.03		0.38	0.43		0.41	0.43	0.06
DXAB9R	0.17		0.20	1.19		0.78	0.48		0.26	0.47	1.65
NGAVKW	0.15		0.31	1.09		0.58	0.46		0.57	0.46	0.86
TNTQMV	0.16		1.87	1.01		1.71	0.44		1.86	0.45	0.73

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	0.16	1.06	0.45	0.46	
Median Abs Dev					
Avg Within Lab SD	0.00	0.01	0.01	0.01	
Labs Included	4	4	4	4	
Labs Reporting	4	4	4	4	



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Na (SubTestCode 229) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	0.039		1.94	0.098		1.86	0.042		2.00	0.142	1.95
DXAB9R	0.004		0.01	0.051		0.23	0.001		0.01	0.066	0.15
NGAVKW	0.013		0.02	0.052		0.57	0.004		0.08	0.067	0.28
TNTQMV	0.006		0.48	0.042		0.39	0.003		0.00	0.059	0.29

Na (SubTestCode 229) in the Dry Ash Property Groups										Data units: Percent
	SRB2109			SRB2110			SRB2111			SRB2112
Grand Median	0.009			0.051			0.004			0.066
Median Abs Dev										
Avg Within Lab SD	0.005			0.001			0.002			0.009
Labs Included	4			4			4			4
Labs Reporting	4			4			4			4



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AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	174.2		1.68	157.1		0.78	49.3		1.60	146.3	1.50
DXAB9R	122.7		0.33	96.9		0.60	29.4		0.65	82.3	0.20
HPYJ8K	148.4		0.24	110.5		1.43	35.8		0.01	97.6	0.85
AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg	
	SRB2109			SRB2110			SRB2111			SRB2112	
Grand Median	148.4			110.5			35.8			97.6	
Median Abs Dev											
Avg Within Lab SD	2.9			1.8			0.6			2.1	
Labs Included	3			3			3			3	
Labs Reporting	3			3			3			3	



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B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2109			SRB2110			SRB2111			SRB2112		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4LL4DK	19.4	1.05	1.99	46.2	7.77X	1.75	49.1	-0.58	1.83	63.4	9.62X	11.77
DXAB9R	18.1	0.33	0.04	29.0	0.40	0.31	57.5	0.59	0.34	31.4	0.24	1.12
F88X73	16.3	-0.68	1.33	27.5	-0.24	1.30	47.0	-0.87	1.35	30.0	-0.18	1.34
HPYJ8K	16.4	-0.63	0.41	27.3	-0.35	0.61	50.7	-0.35	0.52	28.9	-0.48	0.28
NGAVKW	16.9	-0.33	0.08	28.1	0.00	0.66	55.8	0.35	0.50	30.6	0.00	0.93
TNTQMV	19.3	1.03	0.34	33.7	2.39	1.55	62.7	1.30	0.44	39.0	2.47	

B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2109	SRB2110	SRB2111	SRB2112
Grand Median	17.5	28.1	53.3	30.6
Median Abs Dev	1.2	0.8	4.2	0.8
Avg Within Lab SD	1.7	0.7	1.3	0.8
Labs Included	6	5	6	5
Labs Reporting	6	6	6	6



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Zn (SubTestCode 232) in the Dry Ash Property Groups										Data units: mg/kg
WebCode	SRB2109			SRB2110			SRB2111			SRB2112
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4LL4DK	19.9		1.75	59.4		0.94	41.2		1.37	55.0 0.21
DXAB9R	11.3		0.07	42.3		0.10	32.7		0.10	42.0 0.54
NGAVKW	13.6		0.73	52.1		0.75	38.3		0.31	47.9 1.76
TNTQMV	13.7		0.63	55.3		1.59	39.7		1.42	50.7 0.74

Zn (SubTestCode 232) in the Dry Ash Property Groups										Data units: mg/kg
	SRB2109			SRB2110			SRB2111			SRB2112
Grand Median	13.6			53.7			39.0			49.3
Median Abs Dev										
Avg Within Lab SD	0.9			0.7			0.4			2.1
Labs Included	4			4			4			4
Labs Reporting	4			4			4			4



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Mn (SubTestCode 233) in the Dry Ash Property Groups										Data units: mg/kg
WebCode	SRB2109			SRB2110			SRB2111			SRB2112
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4LL4DK	29.8		1.26	73.3		0.24	91.1		0.52	49.2 0.16
DXAB9R	29.1		0.93	78.3		0.31	96.7		0.91	53.3 1.67
NGAVKW	26.6		0.74	79.6		1.05	96.0		1.48	53.9 0.43
TNTQMV	26.0			78.7		1.66	94.7		0.84	55.0

Mn (SubTestCode 233) in the Dry Ash Property Groups										Data units: mg/kg
	SRB2109			SRB2110			SRB2111			SRB2112
Grand Median	27.9			78.5			95.3			53.6
Median Abs Dev										
Avg Within Lab SD	0.5			1.4			0.7			1.3
Labs Included	4			4			4			4
Labs Reporting	4			4			4			4



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Fe (SubTestCode 234) in the Dry Ash Property Groups										Data units: mg/kg
WebCode	SRB2109			SRB2110			SRB2111			SRB2112
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4LL4DK	125.7		0.92	165.9		1.71	122.3		1.01	182.1 0.80
DXAB9R	83.2		0.42	114.0		0.02	114.4		0.56	127.7 1.64
NGAVKW	121.4		1.10	123.2		0.51	113.7		0.95	132.9 0.72
TNTQMV	97.0		1.33	114.3		0.90	115.7		1.33	128.7 0.42

Fe (SubTestCode 234) in the Dry Ash Property Groups										Data units: mg/kg
	SRB2109			SRB2110			SRB2111			SRB2112
Grand Median	109.2			118.7			115.0			130.8
Median Abs Dev										
Avg Within Lab SD	3.3			6.7			0.9			3.7
Labs Included	4			4			4			4
Labs Reporting	4			4			4			4



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Cu (SubTestCode 235) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	10.9		1.51	11.1		0.49	10.9		0.80	6.8	1.36
DXAB9R	10.3		0.33	10.9		0.31	10.6		0.53	5.9	0.53
NGAVKW	10.9		1.22	11.2		0.53	11.3		0.18	6.8	0.32
TNTQMV	10.9		0.33	11.0		1.84	11.3		1.75	6.4	1.33

Cu (SubTestCode 235) in the Dry Ash Property Groups										Data units: mg/kg	
	SRB2109			SRB2110			SRB2111			SRB2112	
Grand Median	10.9			11.0			11.1			6.58	
Median Abs Dev											
Avg Within Lab SD	0.3			0.2			0.2			0.20	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4LL4DK	0.38			0.31		1.41				4.42	0.59
DXAB9R	0.10		1.00	0.79		0.04	0.45		1.00	3.66	1.28

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	0.24	0.55	0.45	4.04	
Median Abs Dev					
Avg Within Lab SD	0.00	0.02	0.01	0.31	
Labs Included	2	2	1	2	
Labs Reporting	2	2	1	2	



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As (SubTestCode 237) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4KDMN2	0.139	0.58	1.48	0.136	2.51	2.39	0.145	0.99	2.44	0.166	1.19	0.69	
4VW7YK	0.079	-0.59	0.04	0.060	-0.06	0.10	0.042	-0.55	0.01	0.095	-0.48	0.04	
4X2UEB	0.080	-0.57	0.06	0.064	0.06	0.11	0.052	-0.40	0.03	0.098	-0.39	0.17	
KJKNYR	0.074	-0.69	0.10	0.060	-0.06	0.21	0.036	-0.64	0.07	0.103	-0.27	0.38	
LKWK4W	2.227	41.57X	3.27	1.757	57.07X	4.48	1.153	16.00X	3.67	1.797	39.50X	1.77	
W4W4WN	0.138	0.57	1.95	0.052	-0.31	0.00	0.105	0.40	0.00	0.176	1.45	2.29	
XM3ABM	0.162	1.04	0.09	0.093	1.04	0.49	0.151	1.08	0.18	0.126	0.27	0.33	

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2109	SRB2110	SRB2111	SRB2112	
Grand Median	0.11	0.062	0.079	0.11	
Median Abs Dev	0.03	0.006	0.040	0.02	
Avg Within Lab SD	0.03	0.026	0.029	0.03	
Labs Included	6	6	6	6	
Labs Reporting	7	7	7	7	



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Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4KDMN2	5.8	0.00	0.69	11.2	-0.60	0.41	20.5	-0.14	0.41	28.3	-0.46	0.27		
4VW7YK	5.9	0.17	0.64	12.4	0.12	1.18	20.9	0.00	0.34	30.1	0.06	0.20		
4X2UEB	5.6	-0.44	1.94	12.7	0.29	1.62	22.2	0.56	0.18	29.9	0.00	0.84		
KJKNYR	6.2	0.81	0.66	13.7	0.89	1.62	24.2	1.42	2.56	33.6	1.07	2.47		
LKWK4W	5.2	-1.14	0.93	10.2	-1.22	0.33	19.6	-0.53	0.19	26.3	-1.06	0.25		
N4LJHU	6.1	0.65	1.01	12.2	0.00	0.16	22.6	0.75	0.16	31.3	0.39	0.07		
W4W4WN	5.1	-1.51	0.24	9.6	-1.59	0.22	17.8	-1.32	0.23	24.2	-1.68	0.07		

Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg	
	SRB2109			SRB2110			SRB2111			SRB2112				
Grand Median	5.78			12.2			20.9			29.9				
Median Abs Dev	0.31			1.0			1.3			1.6				
Avg Within Lab SD	0.09			0.3			0.8			1.3				
Labs Included	7			7			7			7				
Labs Reporting	7			7			7			7				



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4KDMN2	0.01	-0.43	2.38	0.15	-1.26	0.13	0.03	-0.75	0.16	0.23	-0.74	0.27	
4VW7YK	0.01	-0.71	0.21	0.19	0.12	0.36	0.04	-0.11	0.10	0.28	0.18	0.10	
4X2UEB				0.19	-0.12	0.55	0.04	-0.13	0.03	0.25	-0.33	0.78	
KJKNYR	0.01	-0.71	0.07	0.23	1.33	0.26	0.05	0.44	0.23	0.34	1.41	1.78	
LKWK4W	0.01	0.43	0.00	0.17	-0.55	0.34	0.02	-1.31	0.62	0.26	-0.18	0.69	
N4LJHU	0.03	5.73X	10.12	0.22	1.04	2.70	0.08	2.03	2.72	0.31	0.84	1.91	
W4W4WN	0.01	0.52	0.00	0.18	-0.39	0.00	0.05	0.11	0.38	0.22	-0.97	0.00	
XM3ABM	0.01	1.24	0.55	0.21	0.59	0.30	0.05	0.52	0.06	0.30	0.74	0.08	

Cd (SubTestCode 239) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB2109		SRB2110		SRB2111		SRB2112	
Grand Median	0.008		0.19		0.044		0.27	
Median Abs Dev	0.003		0.02		0.009		0.04	
Avg Within Lab SD	0.002		0.02		0.016		0.01	
Labs Included	6		8		8		8	
Labs Reporting	7		8		8		8	



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4KDMN2	0.09	0.49	0.29	0.19	0.35	0.17	0.29	0.00	0.39	0.13	0.56	0.15	
4VW7YK	0.06	-0.19	0.07	0.17	-0.18	0.12	0.29	-0.09	0.15	0.10	-0.41	0.11	
4X2UEB	0.06	-0.24	0.08	0.17	0.00	0.23	0.31	0.24	0.09	0.10	-0.51	0.39	
8MVYWH	0.08	0.43	1.65	0.21	0.83	1.30	0.25	-0.59	0.67	0.12	0.33	1.61	
KJKNYR	0.07	0.00	0.11	0.20	0.61	0.19	0.37	1.05	1.04	0.13	0.61	1.19	
LKWK4W	0.12	1.56	0.00	0.12	-1.24	0.00	0.12	-2.23	0.00	0.12	0.33	0.00	
N4LJHU	0.05	-0.47	0.96	0.21	0.77	2.57	0.38	1.11	2.45	0.11	0.00	1.41	
W4W4WN	0.01	-1.82	0.00	0.15	-0.62	0.27	0.31	0.16	0.61	0.04	-2.34	0.19	
WP9BVU	0.10	0.86	2.29	0.11	-1.47	0.70	0.25	-0.58	0.96	0.08	-0.99	1.67	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2109	SRB2110	SRB2111	SRB2112		
Grand Median	0.069	0.17	0.29	0.11		
Median Abs Dev	0.015	0.03	0.04	0.01		
Avg Within Lab SD	0.021	0.04	0.02	0.02		
Labs Included	9	9	9	9		
Labs Reporting	9	9	9	9		



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Ni (SubTestCode 241) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4KDMN2	0.30	-1.57	1.02	0.43	-0.92	1.54	3.61	-1.42	0.33	0.47	-0.96	0.78		
4VW7YK	0.54	0.01	0.12	0.63	0.18	0.34	4.10	-0.49	0.33	0.71	0.09	0.06		
4X2UEB	0.55	0.10	2.21	0.65	0.30	0.55	4.37	0.03	0.29	0.67	-0.09	0.20		
KJKNYR	0.53	-0.01	0.53	0.75	0.86	0.80	5.01	1.24	1.19	0.92	1.04	2.43		
LKWK4W	0.36	-1.18	0.35	0.50	-0.53	0.72	4.34	-0.03	2.26	0.46	-1.02	0.83		
N4LJHU	0.70	1.08	0.70	0.83	1.30	1.71	4.76	0.78	0.20	0.92	1.02	0.38		
W4W4WN	0.34	-1.28	0.48	0.38	-1.14	1.05	3.72	-1.22	0.03	0.59	-0.44	0.32		
XM3ABM	0.56	0.17	0.96	0.56	-0.18	0.06	4.47	0.21	1.06	0.86	0.75	0.72		

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB2109		SRB2110		SRB2111		SRB2112	
Grand Median	0.53		0.59		4.36		0.69	
Median Abs Dev	0.09		0.13		0.33		0.19	
Avg Within Lab SD	0.04		0.06		0.39		0.13	
Labs Included	8		8		8		8	
Labs Reporting	8		8		8		8	



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Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4KDMN2	0.20	0.00	0.12	0.07	-0.21	0.63	0.02	-0.26	0.38	0.15	-0.20	0.35	
4VW7YK	0.19	-0.04	0.01	0.12	0.00	0.02	0.04	-0.18	0.02	0.17	-0.08	0.02	
4X2UEB	0.17	-0.12	0.05	0.12	0.00	0.01	0.04	-0.19	0.03	0.16	-0.17	0.03	
KJKNYR	0.20	0.00	0.05	0.15	0.13	0.16	0.05	-0.13	0.03	0.20	0.07	0.12	
LKWK4W	1.15	3.07	1.24	0.90	3.22	0.84	0.41	1.85	1.48	0.76	2.81	1.23	
N4LJHU	0.69	1.58	2.53	0.47	1.45	2.62	0.48	2.27	2.28	0.54	1.70	2.45	
W4W4WN	0.05	-0.48	0.00	0.05	-0.27	0.00	0.14	0.39	0.61	0.18	-0.07	0.56	
XM3ABM	0.24	0.11	0.25	0.09	-0.11	0.08	0.09	0.13	0.30	0.25	0.31	0.14	

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2109	SRB2110	SRB2111	SRB2112		
Grand Median	0.20	0.12	0.070	0.19		
Median Abs Dev	0.04	0.04	0.041	0.04		
Avg Within Lab SD	0.11	0.10	0.100	0.11		
Labs Included	8	8	8	8		
Labs Reporting	8	8	8	8		



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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2109			SRB2110			SRB2111			SRB2112			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4KDMN2	83.3	-0.04	0.70	55.2	-0.19	0.18	26.4	-0.20	0.11	32.3	-0.19	0.20	
4VW7YK	83.1	-0.05	0.41	62.6	0.22	0.52	29.2	0.16	0.44	35.9	0.19	0.52	
4X2UEB	97.3	0.66	1.67	74.0	0.85	2.13	33.7	0.72	0.17	39.9	0.60	1.11	
8MVYWH	81.2	-0.14	1.31	54.4	-0.24	0.33	25.2	-0.34	0.64	31.5	-0.28	0.88	
KJKNYR	98.0	0.70	1.56	73.2	0.81	1.68	34.6	0.83	2.68	42.0	0.83	2.35	
LKWK4W	84.9	0.04	0.59	54.2	-0.25	0.42	26.7	-0.16	0.15	31.7	-0.25	0.40	
N4LJHU	92.5	0.42	0.26	62.2	0.19	0.27	29.6	0.21	0.36	36.1	0.21	0.13	
W4W4WN	17.4	-3.34	0.00	11.3	-2.64	0.00	5.8	-2.78	0.11	7.0	-2.85	0.04	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB2109		SRB2110		SRB2111		SRB2112	
Grand Median	84.1		58.7		27.9		34.1	
Median Abs Dev	5.6		4.4		2.2		2.5	
Avg Within Lab SD	1.8		1.5		1.0		1.4	
Labs Included	8		8		8		8	
Labs Reporting	8		8		8		8	



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PH (SubTestCode 301)

Data units:

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	8.24	1.85	0.48	8.17	1.39	0.39	1.86	-0.77	0.50
4MJEAM	7.70	-0.57	0.77	7.70	-1.15	2.22	1.86	-0.75	0.75
4W87VF	7.79	-0.19	0.42	7.87	-0.23	0.39	2.06	0.88	0.33
8MM9GJ	7.71	-0.54		7.82	-0.49		2.03	0.61	
AH9CPE	7.60	-1.04	2.91	7.79	-0.67	1.38	2.06	0.83	1.06
EF3F87	7.88	0.21	0.91	8.07	0.86	1.04			
HPYJ8K	7.60	-1.03	0.93	7.44	-2.52X	6.76	2.23	2.24	0.81
MH2JDY	7.92	0.40	1.58	7.92	0.07	1.31	1.94	-0.11	0.00
N4LJHU	8.01	0.80	0.36	8.02	0.59	0.99	1.96	0.05	0.43
R3H93T	8.08	1.13	0.96	8.13	1.17	0.54	1.95	-0.05	1.22
T4QPTC	7.83	0.00	0.24	8.01	0.54	0.37	1.92	-0.27	0.22
T6YRMN	7.98	0.65	1.32	8.00	0.47	1.03	1.95	-0.05	0.12
TNTQMV	7.84	0.04	0.55	7.90	-0.07	0.47	1.86	-0.72	0.45
UJTTPM	7.81	-0.09	0.22	7.86	-0.29	0.24	2.03	0.59	0.15
VP2M8P	8.14	1.37	0.54	8.04	0.68	1.33	1.86	-0.72	0.81
W4W4WN	7.62	-0.94	0.00	7.68	-1.24	0.00	2.15	1.57	0.00
YVBYNL	7.74	-0.42	0.38	7.79	-0.65	0.37	2.13	1.41	0.43
YWQCGP	8.12	1.29	0.78	8.09	0.95	1.50	1.93	-0.21	0.45
ZYP8EH	7.77	-0.25	0.36	7.80	-0.61	0.39	1.99	0.29	3.36

PH (SubTestCode 301)

Data units:

	SRW2107	SRW2108	SRW2109
Grand Median	7.83	7.91	1.95
Median Abs Dev	0.13	0.12	0.08
Avg Within Lab SD	0.08	0.05	0.05
Labs Included	19	18	18
Labs Reporting	19	19	18



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	0.31	-0.13	0.00	0.21	-0.29	0.00	5.55	-0.28	0.47
4MJEAM	0.31	-0.03	1.25	0.21	-0.15	1.31	5.61	0.00	0.98
4W87VF	0.30	-0.64	0.89	0.21	-0.62	1.50	5.59	-0.10	0.92
8MM9GJ	0.31	-0.12		0.21	-0.04		5.88	1.36	
AH9CPE	0.31	0.10	0.62	0.21	-0.05	0.99	5.94	1.65	0.66
EF3F87	0.31	-0.26	2.01	0.21	0.15	0.15	5.29	-1.59	2.64
HPYJ8K	0.31	-0.13	0.00	0.21	-0.29	0.00	5.51	-0.46	1.76
MH2JDY	0.30	-0.99	0.02	0.21	-0.77	0.14	5.58	-0.12	0.04
N4LJHU	0.31	0.07	0.09	0.21	0.19	0.15	5.82	1.04	0.22
R3H93T	0.34	2.16	2.52	0.24	2.25	2.90	6.22	3.04X	4.49
T4QPTC	0.32	0.89	0.89	0.22	0.73	0.00	5.43	-0.86	0.31
TNTQMV	0.33	1.65	0.89	0.23	1.41	1.50	5.78	0.88	0.22
UJTTPM	0.32	0.88	0.06	0.22	1.03	0.22	5.53	-0.38	0.08
VP2M8P	0.33	1.40	0.27	0.23	2.12	0.92	5.37	-1.17	1.40
W4W4WN	0.29	-1.36	0.15	0.20	-0.86	0.15	5.64	0.17	0.00
YVBYNL	0.31	0.03	0.04	0.21	0.04	0.02	5.78	0.85	0.35
YWQCGP	0.31	-0.13	0.00	0.21	-0.15	0.60	5.69	0.43	0.82
ZYP8EH	0.33	1.17	1.47	0.22	1.00	0.15	5.63	0.13	0.72

EC (SubTestCode 302)

Data units: dS/m

	SRW2107	SRW2108	SRW2109
Grand Median	0.31	0.21	5.61
Median Abs Dev	0.01	0.00	0.09
Avg Within Lab SD	0.01	0.00	0.09
Labs Included	18	18	17
Labs Reporting	18	18	18



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Ca (SubTestCode 303) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2107			SRW2108			SRW2109			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	1.30	-2.82	0.05	1.04	-2.47	0.22	0.77	2.23	0.71	
4MJEAM	2.15	0.64	0.50	1.61	0.65	0.50	0.66	1.33	0.78	
4W87VF	1.91	-0.34	0.27	1.44	-0.25	0.26	0.51	0.06	0.80	
8MM9GJ	2.03	0.15	0.23	1.52	0.19	0.41	0.49	-0.08	0.16	
AH9CPE	1.98	-0.09	0.42	1.47	-0.09	0.05	0.42	-0.70	1.90	
EF3F87	2.00	0.00	0.43	1.50	0.08	0.50	0.49	-0.13	0.34	
HPYJ8K	2.01	0.05	0.10	1.49	0.00	0.25	0.42	-0.72	0.10	
MH2JDY	2.15	0.64	0.03	1.61	0.68	0.15	0.53	0.22	0.08	
N4LJHU	2.00	0.02	0.12	1.52	0.15	0.07	0.49	-0.09	0.10	
R3H93T	1.78	-0.87	3.72	1.30	-1.07	3.87	0.50	0.00	3.22	
T4QPTC	1.94	-0.24	0.05	1.37	-0.64	0.29	0.51	0.04	0.51	
T6YRMN	2.17	0.72	0.18	1.67	1.02	0.26	0.67	1.42	0.74	
TNTQMV	1.87	-0.53	1.30	1.47	-0.12	0.72	1.03	4.38X	2.56	
UJTTPM	2.11	0.44	0.77	1.53	0.21	0.24	0.65	1.25	0.38	
VP2M8P	1.34	-2.67	0.31	1.03	-2.52	0.34	0.44	-0.47	0.30	
W4W4WN	1.90	-0.41	0.14	1.40	-0.49	0.15	0.47	-0.24	0.09	
YWQCGP	2.20	0.84	0.05	1.64	0.85	0.56	0.56	0.45	0.13	
ZYP8EH	0.91	-4.43X	0.01	0.68	-4.44X	0.01	0.25	-2.05	0.00	

Ca (SubTestCode 303) in the Cations Property Groups										Data units: mmolc/L
	SRW2107			SRW2108			SRW2109			
Grand Median	2.00			1.49			0.50			
Median Abs Dev	0.11			0.09			0.05			
Avg Within Lab SD	0.12			0.08			0.05			
Labs Included	17			17			17			
Labs Reporting	18			18			18			



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Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2107			SRW2108			SRW2109			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.49	-1.03	0.57	0.28	-1.03	0.40	0.19	1.38	0.34	
4MJEAM	0.65	1.40	2.56	0.41	1.42	2.41	0.21	1.68	1.24	
4W87VF	0.54	-0.26	1.59	0.31	-0.52	0.70	0.13	0.00	0.34	
8MM9GJ	0.54	-0.31	0.37	0.33	-0.20	0.47	0.13	-0.13	0.15	
AH9CPE	0.57	0.14	0.98	0.34	0.00	0.14	0.12	-0.34	1.35	
EF3F87	0.56	0.00	0.00	0.36	0.45	0.00				
HPYJ8K	0.56	-0.07	0.02	0.31	-0.44	0.17	0.10	-0.73	0.14	
MH2JDY	0.58	0.32	0.24	0.34	0.07	0.08	0.12	-0.22	0.03	
N4LJHU	0.54	-0.26	0.14	0.33	-0.17	0.07	0.13	-0.06	0.07	
R3H93T	0.50	-0.93	2.17	0.28	-1.06	2.77	0.11	-0.50	0.71	
T4QPTC	0.64	1.24	0.49	0.39	1.09	0.80	0.16	0.61	0.00	
T6YRMN	0.62	0.99	0.64	0.41	1.36	1.03	0.21	1.70	0.69	
TNTQMV	0.60	0.62	0.00	0.40	1.22	0.00	0.17	0.77	3.44	
UJTTPM	0.59	0.47	0.77	0.36	0.48	0.70	0.17	0.88	0.40	
VP2M8P	0.44	-1.84	0.57	0.29	-0.92	0.56	0.16	0.59	0.53	
W4W4WN	0.51	-0.76	0.09	0.31	-0.59	0.25	0.12	-0.21	0.07	
YWQCGP	0.61	0.83	0.28	0.36	0.45	0.00	0.14	0.21	0.24	
ZYP8EH	0.27	-4.44X	0.00	0.17	-3.30X	0.00	0.07	-1.45	0.00	

Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
	SRW2107			SRW2108			SRW2109			
Grand Median	0.56			0.34			0.13			
Median Abs Dev	0.04			0.03			0.03			
Avg Within Lab SD	0.02			0.01			0.02			
Labs Included	17			17			17			
Labs Reporting	18			18			17			



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Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	0.48	-0.70	0.31	0.22	-0.48	0.00	0.13	0.71	1.13
4MJEAM	0.51	0.00	0.53	0.20	-1.08	0.24	0.08	-2.40	0.00
4W87VF	0.51	-0.08	0.64	0.23	-0.24	0.88	0.13	0.71	1.13
8MM9GJ	0.53	0.36	0.25	0.25	0.53	0.22	0.12	-0.03	0.61
AH9CPE	0.48	-0.69	0.04	0.25	0.74	1.69	0.11	-0.70	1.78
EF3F87	0.50	-0.31	0.18	0.24	0.12	0.24	0.12	-0.12	0.65
HPYJ8K	0.53	0.42	0.19	0.23	-0.01	0.20	0.11	-0.58	0.41
MH2JDY	0.57	1.40	0.06	0.25	0.67	0.08	0.12	0.20	0.17
N4LJHU	0.51	0.04	0.07	0.24	0.10	0.00	0.12	0.05	0.07
R3H93T	0.49	-0.47	3.42	0.22	-0.62	2.16	0.12	-0.19	2.66
T4QPTC	0.53	0.39	0.18	0.24	0.36	0.24	0.13	0.71	0.00
T6YRMN	0.53	0.35	0.22	0.26	0.98	0.47	0.14	1.57	0.85
TNTQMV	0.50	-0.23		0.23	0.00	2.45	0.10	-1.16	0.00
UJTTPM	0.52	0.15	0.96	0.20	-1.06	0.73	0.09	-1.71	1.21
VP2M8P	0.42	-2.01	0.52	0.21	-0.82	0.39	0.12	0.00	1.20
W4W4WN	0.49	-0.44	0.16	0.23	-0.26	0.04	0.11	-0.34	0.11
YVBYNL	0.45	-1.43	0.06	0.18	-1.87	0.05	0.12	0.14	0.11
YWQCGP	0.57	1.33	0.47	0.25	0.72	0.24	0.13	0.47	1.18
ZYP8EH	0.60	2.01	1.96	0.29	2.15	1.86	0.14	1.03	0.39

Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

	SRW2107	SRW2108	SRW2109
Grand Median	0.51	0.23	0.12
Median Abs Dev	0.02	0.02	0.01
Avg Within Lab SD	0.03	0.02	0.01
Labs Included	19	19	19
Labs Reporting	19	19	19



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	0.15	-2.20	0.24	0.09	-1.59	0.73	0.08	0.46	1.08
4MJEAM	0.17	-1.30	0.71	0.09	-1.75	2.18	0.03	-3.71X	3.23
4W87VF	0.20	-0.14	0.41	0.12	-0.23	0.73	0.06	-1.11	2.15
8MM9GJ	0.20	0.05	0.15	0.13	0.24	1.13	0.07	-0.87	0.38
AH9CPE	0.23	1.04	0.16	0.14	0.71	0.13	0.08	0.30	2.05
EF3F87	0.20	-0.14	0.00	0.13	-0.08	0.73	0.07	-0.59	0.00
HPYJ8K	0.19	-0.71	0.10	0.10	-1.07	0.28	0.05	-2.48	0.33
MH2JDY	0.23	1.04	0.06	0.14	0.38	0.15	0.08	-0.09	0.28
N4LJHU	0.20	0.00	0.06	0.13	0.00	0.07	0.07	-0.59	0.00
R3H93T	0.19	-0.55	1.30	0.11	-0.70	2.65	0.06	-1.18	1.81
T4QPTC	0.21	0.24	0.00	0.13	0.23	0.73	0.08	0.20	0.00
T6YRMN	0.21	0.12	0.23	0.13	0.26	1.07	0.08	0.09	1.14
UJTTPM	0.22	0.55	0.09	0.14	0.33	0.39	0.08	0.13	0.34
VP2M8P	0.20	0.03	0.79	0.13	0.14	0.41	0.09	0.78	0.77
W4W4WN	0.20	0.00	0.12	0.13	-0.05	0.32	0.07	-0.40	0.47
YVBYNL	0.15	-1.95	3.72	0.17	2.10	0.44	0.09	0.95	0.36
ZYP8EH	0.17	-1.39	0.02	0.09	-1.62	0.07	0.09	0.59	0.00

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2107	SRW2108	SRW2109
Grand Median	0.20	0.13	0.078
Median Abs Dev	0.01	0.01	0.007
Avg Within Lab SD	0.02	0.01	0.005
Labs Included	17	17	16
Labs Reporting	17	17	17



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

Data units: mmolc/L

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HPYJ8K	0.060		1.33	0.064		1.40	0.062		0.46
R3H93T	0.005		0.48	0.002		0.21	0.002		1.34

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

Data units: mmolc/L

	SRW2107	SRW2108	SRW2109
Grand Median	0.033	0.033	0.032
Median Abs Dev			
Avg Within Lab SD	0.004	0.005	0.001
Labs Included	2	2	2
Labs Reporting	2	2	2



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Sum Cations (SubTestCode 308) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4W87VF	3.16	-0.35	0.37	2.10	-0.17	0.30	0.84	0.57	0.53
8MM9GJ	3.30	0.51	0.17	2.23	0.99	0.16	0.80	0.09	0.22
HPYJ8K	3.28	0.35	0.07	2.14	0.17	0.14	0.67	-1.90	0.13
R3H93T	2.97	-1.54	2.41	1.91	-1.95	2.42	0.79	-0.09	2.36
T4QPTC	3.31	0.57	0.06	2.14	0.20	0.15	0.88	1.16	0.30
W4W4WN	3.10	-0.72	0.10	2.06	-0.58	0.08	0.78	-0.25	0.11

Sum Cations (SubTestCode 308) in the Cations Property Groups

Data units: mmolc/L

	SRW2107	SRW2108	SRW2109
Grand Median	3.22	2.12	0.80
Median Abs Dev	0.09	0.04	0.03
Avg Within Lab SD	0.26	0.17	0.08
Labs Included	6	6	6
Labs Reporting	6	6	6



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SAR (SubTestCode 309) in the Cations Property Groups

Data units:

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	0.51	1.76	0.57	0.27	1.01	0.00	0.19	-1.26	1.19
4W87VF	0.46	-0.27	0.21	0.26	-0.12	0.75	0.23	0.90	0.78
8MM9GJ	0.46	0.00	0.17	0.26	0.00	0.27	0.21	0.00	0.62
AH9CPE	0.19	-11.10X	0.20	0.13	-11.02X	0.04	0.20	-0.64	1.55
T4QPTC	0.47	0.14	0.21	0.26	0.16	0.00	0.22	0.57	0.45
TNTQMV	0.43	-1.21	2.14	0.23	-2.09	2.09			

SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW2107	SRW2108	SRW2109
Grand Median	0.46	0.26	0.21
Median Abs Dev	0.01	0.00	0.01
Avg Within Lab SD	0.03	0.03	0.01
Labs Included	5	5	5
Labs Reporting	6	6	5



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Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
WebCode	SRW2107			SRW2108			SRW2109			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W87VF	0.73		0.28	0.38		0.73	0.84		1.00	
8MM9GJ	0.78			0.37						
TNTQMV	0.43		1.39	0.23		1.21				

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
	SRW2107			SRW2108			SRW2109			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median		0.73			0.37			0.84		
Median Abs Dev										
Avg Within Lab SD		0.04			0.05			0.03		
Labs Included		3			3			1		
Labs Reporting		3			3			1		



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

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	2.07	-1.69	0.29	1.72	-0.85	0.26	0.01		
4MJEAM	2.35	0.12	0.40	1.89	0.14	0.26			
4W87VF	2.55	1.43	0.28	2.12	1.45	0.46			
8MM9GJ	2.32	-0.10		1.85	-0.10				
EF3F87	2.35	0.10	1.89	1.83	-0.23	1.32			
HPYJ8K	2.41	0.50	0.48	1.93	0.35	0.87	9.56		1.00
MH2JDY	2.43	0.65	0.34	1.97	0.61	0.22			
R3H93T	2.14	-1.26	0.11	1.70	-0.97	0.12			
T4QPTC	2.22	-0.74	0.32	1.88	0.10	0.38			
TNTQMV	2.27	-0.42	2.57	1.60	-1.54	2.63			
W4W4WN	2.20	-0.85	0.00	1.75	-0.67				
ZYP8EH	2.37	0.24	0.17	2.06	1.10	0.18			

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

	SRW2107	SRW2108	SRW2109
Grand Median	2.33	1.87	4.79
Median Abs Dev	0.09	0.11	
Avg Within Lab SD	0.09	0.08	0.05
Labs Included	12	12	2
Labs Reporting	12	12	2



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CI (SubTestCode 313) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2107			SRW2108			SRW2109			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.140	0.48	2.87	0.120	0.93	2.17	14.043	-0.13	1.51	
4W87VF							17.490	2.15	0.20	
8MM9GJ	0.101	-0.43	0.09	0.068	-0.29	0.23	14.636	0.27	0.08	
EF3F87							14.533	0.20	0.46	
HPYJ8K	0.119	0.00	0.73	0.076	-0.09	0.88	12.576	-1.09	0.36	
MH2JDY	0.120	0.01	0.01	0.093	0.31	0.03	13.793	-0.29	0.64	
N4LJHU	0.090	-0.68	0.34	0.055	-0.57	0.13	14.424	0.13	0.27	
R3H93T	0.082	-0.87	0.74	0.093	0.30	1.38	12.419	-1.20	2.28	
T4QPTC	0.100	-0.45	0.00	0.063	-0.39	0.63	13.213	-0.67	0.08	
T6YRMN							15.767	1.01	0.83	
TNTQMV	0.160	0.94	0.63	0.080	0.00	1.09	15.167	0.62	0.95	
UJTTPM	0.170	1.18	0.00	0.033	-1.08	0.63	13.183	-0.69	0.32	
VP2M8P	5.667	128.87X	36.13	3.667	83.17X	125.37	499.000	319.63X	5.30	
W4W4WN	0.107	-0.29	0.00	0.113	0.77	0.00	14.670	0.29	0.00	
YWQCGP	0.210	2.10	1.08	0.197	2.71	1.25	13.137	-0.72	1.99	

CI (SubTestCode 313) in the Anions Property Groups										Data units: mmolc/L
	SRW2107			SRW2108			SRW2109			
	Grand Median	0.12			0.080			14.2		
Median Abs Dev	0.02			0.017			1.0			
Avg Within Lab SD	0.02			0.009			0.5			
Labs Included	11			11			14			
Labs Reporting	12			12			15			



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NO3 (SubTestCode 314) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2107			SRW2108			SRW2109			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QUNDF	0.15	1.16	2.71	0.27	1.19	1.92	0.12	1.06	3.40	
4MJEAM	0.25	3.14	2.37	0.36	2.47	2.44	0.48	5.25	1.18	
4W87VF	0.09	-0.03	0.30	0.19	0.00	0.14	0.02	0.00	0.18	
8MM9GJ	0.09	-0.06	0.05	0.19	-0.04	0.14	0.10	0.86	0.04	
EF3F87				0.23	0.55	0.92				
HPYJ8K	0.11	0.46	0.10	0.21	0.26	0.16	0.02	-0.04	0.06	
MH2JDY	0.10	0.17	0.10	0.19	0.02	0.05	0.02	0.00	0.07	
N4LJHU	0.10	0.13	0.00	0.19	0.00	0.05	0.02	-0.02	0.07	
R3H93T	0.09	-0.04	0.74	0.17	-0.27	1.52	0.03	0.01	0.47	
T4QPTC	0.02	-1.32	0.00	0.05	-2.15	0.53	0.01	-0.17	0.00	
T6YRMN				0.20	0.13	1.18				
TNTQMV	0.03	-1.19	0.59	0.11	-1.17	0.53	0.17	1.64	0.68	
UJTTPM	0.13	0.74	0.09	0.21	0.20	0.18	0.03	0.01	0.54	
VP2M8P	0.64	10.51X	46.91	4.14	58.28X	15.03	5.96	68.39X	78.89	
W4W4WN	0.09	-0.02	0.03	0.19	-0.09	0.05	0.02	-0.10	0.03	
YVBYNL	0.04	-0.96	0.01	0.05	-2.11	0.01	0.01	-0.11	0.01	
YWQCGP	0.09	0.02	0.00	0.18	-0.14	1.07	0.01	-0.17	0.00	
ZYP8EH	28.25	538.12X	530.23	51.05	750.19X	526.43	13.04	150.01X	703.85	

NO3 (SubTestCode 314) in the Anions Property Groups										Data units: mmolc/L
	SRW2107			SRW2108			SRW2109			
Grand Median	0.089			0.19			0.025			
Median Abs Dev	0.017			0.02			0.009			
Avg Within Lab SD	0.010			0.01			0.008			
Labs Included	14			16			14			
Labs Reporting	16			18			16			



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SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QUNDF	0.687	-0.16	0.23	0.050	-0.43	0.97	0.140	-0.60	0.88
4W87VF	0.700	-0.02	0.40	0.063	0.14	0.56			
8MM9GJ	0.670	-0.33	0.09	0.052	-0.34	0.03	0.197	0.71	0.99
EF3F87	0.710	0.09	1.74						
HPYJ8K	0.720	0.19	0.03	0.049	-0.47	0.15	0.154	-0.28	0.10
MH2JDY	0.767	0.68	0.16	0.066	0.24	0.06	0.183	0.40	0.13
R3H93T	0.953	2.61	2.32	0.114	2.34	1.08	0.226	1.39	2.54
T4QPTC	0.697	-0.05	0.23	0.053	-0.29	0.56	0.160	-0.13	0.00
T6YRMN	0.690	-0.12	0.77	0.060	0.00	0.00	0.166	0.01	0.42
TNTQMV	0.703	0.02	0.46	0.093	1.44	2.02	0.180	0.33	0.88
VP2M8P	41.000	418.60X	119.69	2.000	83.82X	96.86	3.667	81.00X	50.87
W4W4WN	0.708	0.07	0.74	0.081	0.91	0.51	0.165	-0.01	0.18
YVBYNL	0.629	-0.75	0.24	0.020	-1.74	0.06	0.067	-2.29	0.05
YWQCGP	0.767	0.68	1.97	0.052	-0.33	2.43	0.198	0.75	1.67
ZYP8EH	0.348	-3.68	0.02	0.062	0.09	0.00	0.115	-1.18	0.00

SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

	SRW2107	SRW2108	SRW2109
Grand Median	0.70	0.060	0.17
Median Abs Dev	0.02	0.008	0.02
Avg Within Lab SD	0.03	0.010	0.01
Labs Included	14	13	12
Labs Reporting	15	14	13



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2107			SRW2108			SRW2109			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W87VF	3.34	0.78	0.39	2.37	1.70	0.91	17.51	0.78	0.20	
8MM9GJ	3.17	-0.26		2.16	0.12		14.85	0.00		
HPYJ8K	3.36	0.91	0.95	2.26	0.87	1.61	22.31	2.19	0.27	
R3H93T	3.26	0.26	1.77	2.08	-0.49	0.84	12.67	-0.64	2.21	
T4QPTC	3.03	-1.13	0.71	2.05	-0.75	0.93	13.38	-0.43	0.08	
W4W4WN	3.10	-0.70	0.56	2.13	-0.12	0.15	14.85	0.00	0.00	

Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
	SRW2107			SRW2108			SRW2109			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	3.22			2.15			14.9			
Median Abs Dev	0.12			0.08			1.8			
Avg Within Lab SD	0.03			0.03			0.5			
Labs Included	6			6			6			
Labs Reporting	6			6			6			



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

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4W87VF	-0.177	-0.54	0.33	-0.269	-1.02	0.19	-16.678	-0.76	0.16
8MM9GJ	0.158	0.82		0.094	1.13		-14.028	0.01	
HPYJ8K	-0.087	-0.17	0.16	-0.122	-0.15	0.35	-21.639	-2.20	0.26
R3H93T	-0.290	-1.00	2.20	-0.172	-0.45	2.20	-11.877	0.63	2.21
T4QPTC	0.280	1.32	0.13	0.097	1.15	0.08	-12.507	0.45	0.08
W4W4WN	-0.001	0.17	0.07	-0.072	0.15	0.07	-14.069	-0.01	0.02

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

	SRW2107	SRW2108	SRW2109
Grand Median	-0.044	-0.097	-14.048
Median Abs Dev	0.167	0.124	1.856
Avg Within Lab SD	0.288	0.201	0.499
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	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4MJEAM	0.007	-1.89	0.09	0.008	-0.82	1.01	0.011	-0.02	1.65
8MM9GJ	0.048	0.19	0.16	0.023	0.03	0.14	0.011	0.00	0.12
AH9CPE	0.053	0.46	1.52	0.027	0.25	0.10	0.013	0.15	0.30
HPYJ8K	0.025	-0.99	0.44						
N4LJHU	0.044	0.00	0.17	0.022	-0.03	0.10	0.010	-0.12	0.16
R3H93T	0.042	-0.10	1.18	0.020	-0.15	0.35	0.011	-0.03	0.10
TNTQMV	0.080	1.84	1.75	0.070	2.56	0.00	0.060	3.53	2.47
UJTTPM	0.039	-0.27	1.77	0.039	0.88	2.90			
W4W4WN	0.040	-0.20	0.27	0.016	-0.38	0.22	0.012	0.02	0.09
YWQCGP	0.046	0.09	0.90	0.022	-0.04	0.59	0.010	-0.09	0.00
ZYP8EH	0.071	1.38	0.00	0.053	1.62	0.10	0.040	2.11	0.08

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

	SRW2107	SRW2108	SRW2109
Grand Median	0.044	0.023	0.011
Median Abs Dev	0.005	0.006	0.001
Avg Within Lab SD	0.006	0.006	0.007
Labs Included	11	10	9
Labs Reporting	11	10	9



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

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4MJEAM	0.043		0.59	0.085		1.73	0.030		1.66
MH2JDY	0.145		0.10						
R3H93T	0.125		0.03	0.030		0.00	0.147		0.09
YVBYNL	0.182		1.91	0.060		0.00	0.317		0.50

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

	SRW2107	SRW2108	SRW2109
Grand Median	0.14	0.060	0.15
Median Abs Dev			
Avg Within Lab SD	0.07	0.066	0.01
Labs Included	4	3	3
Labs Reporting	4	3	3



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

Data units: mg/L

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
8MM9GJ	0.155	0.07	2.34	0.056	0.39	1.62	0.145	-0.98	2.20
AH9CPE	0.348	10.17X	5.08	0.094	1.74	1.19	0.256	2.41	0.15
N4LJHU	0.138	-0.79	0.05	0.021	-0.85	0.12	0.177	-0.02	0.05
R3H93T	0.173	1.03	0.57	0.034	-0.38	1.34	0.177	0.00	1.30
T6YRMN	0.157	0.19	0.31				0.193	0.49	0.64
W4W4WN	0.117	-1.90	0.32	0.035	-0.34	0.03	0.164	-0.39	0.08
ZYP8EH	0.152	-0.07	0.03	0.055	0.34	0.41	0.191	0.43	0.17

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

Data units: mg/L

	SRW2107	SRW2108	SRW2109
Grand Median	0.15	0.045	0.18
Median Abs Dev	0.01	0.011	0.01
Avg Within Lab SD	0.02	0.010	0.02
Labs Included	6	6	7
Labs Reporting	7	6	7



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Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups										Data units: mg/L	
			SRW2107			SRW2108			SRW2109		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
R3H93T	1.88		1.00	3.09		1.00	0.46		1.00		

Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups										Data units: mg/L	
			SRW2107			SRW2108			SRW2109		
Grand Median		1.88			3.09			0.46			
Median Abs Dev											
Avg Within Lab SD		0.03			0.03			0.05			
Labs Included		1			1			1			
Labs Reporting		1			1			1			



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Total Organic Carbon (SubTestCode 323) in the Other Property Groups Data units: mg/L

WebCode	SRW2107			SRW2108			SRW2109		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
R3H93T	5.00		1.00	1.03		1.00	1.20		1.00

Total Organic Carbon (SubTestCode 323) in the Other Property Groups Data units: mg/L

	SRW2107	SRW2108	SRW2109
Grand Median	5.00	1.03	1.20
Median Abs Dev			
Avg Within Lab SD	0.21	0.13	0.87
Labs Included	1	1	1
Labs Reporting	1	1	1



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