

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 - Spring 2023 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Spring 2023 (Cycle 50) was completed in May 2023, with participation by 110 labs from the United States, Canada, Guatemala, Honduras, Colombia, Ukraine, Portugal, Italy, Pakistan, South Africa and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council and Forestry Canada.



Standard Reference Soils (SRS), materials for the soils program were: SRS2301 a loam collected from Ontario, CANADA; SRS2302 a Quincy loamy fine sand collected from Morrow Cty, OR; SRS2303 a Hambrook sandy loam collected from Caroline Cty, MD; SRS2304 a Pickwick silt loam collected from Washington Cty, AR; and SRS2305 a Marshall silty clay loam collected from Cass Cty, IA. Standard Reference Botanical (SRB) materials were: SRB2301 celery leaf composite from CA; SRB2302 tomato leaf composite from CO; SRB2303 parsley leaf composite from CA; and SRB2304 corn leaf composite from SD. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW2301 a domestic well source in NE, SRW2302 a source in CO, and SRW2303 a domestic water source in CO.

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

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

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

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

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

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



Key to Data Tables

Laboratory Results

Sample Mean	arithmetic mean of the three determinations for the sample-property
Z Score	difference divided by the product of the M.A.D. and 1.48 (rounded). Results outside the 95% confidence range are flagged by "X"
k Score	laboratory standard deviation divided by the Within Lab Average STD No flags are assigned for these values and are provided for laboratory information only.

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.



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	42.6	-0.26	0.17	26.1	-0.62	0.10	26.3	-0.61	0.08	27.0	-0.31	0.11	36.8	-0.45	0.10	
2KXFNV	43.4	-0.14	0.20	32.7	1.21	0.33	33.8	1.02	0.07	32.2	0.89	0.40	39.4	0.00	0.21	
32TGUX	61.7	2.85X	1.25	62.3	9.53X	2.58	70.7	9.00X	0.83	61.7	7.65X	2.04	61.7	3.86X	1.45	
4PLP8R	54.0	1.60		30.0	0.47		29.0	-0.02		28.1	-0.06		45.2	1.00		
66DYDV	42.3	-0.31	0.25	27.3	-0.28	0.37	28.7	-0.09	0.83	27.3	-0.24	0.41	37.3	-0.36	0.29	
7DJYMW	51.0	1.11	0.20	30.9	0.72	0.41	34.0	1.07	1.76	28.6	0.04	0.11	43.2	0.66	0.52	
92GHPQ	40.3	-0.63	0.50	27.0	-0.37		29.3	0.05	0.41	26.7	-0.39	0.41	37.7	-0.30	0.29	
AANL9U	54.5	1.68	0.43	35.3	1.95	0.27	40.0	2.35	0.23	34.9	1.51	0.10	48.8	1.63	0.16	
AGLF3M	56.6	2.03	0.14	35.4	1.98	0.19	33.6	0.98	1.09	37.1	2.00	0.55	51.3	2.07	0.16	
APFKWN	49.8	0.92	0.07	31.3	0.84	0.61	28.3	-0.17	0.07	29.0	0.14	0.12	43.3	0.68	0.06	
FNQ3J4	38.7	-0.91	0.50	25.3	-0.84	0.37	27.0	-0.45	2.15	23.7	-1.08	1.08	35.0	-0.76	0.50	
GK2FZF	44.7	0.07	0.25	28.7	0.09	0.37	32.0	0.63		29.3	0.22	0.41	40.3	0.16	0.29	
KACN98	40.7	-0.57	0.14	27.5	-0.23	0.11	26.3	-0.60	0.68	25.5	-0.67	0.01	37.2	-0.38	0.20	
KH6242	45.3	0.18	0.66	31.0	0.75	0.64	39.0	2.14	1.24	30.7	0.53	1.08	40.7	0.22	0.58	
KPNXDH	45.4	0.19	0.29	27.5	-0.24	0.13	26.5	-0.57	0.20	28.2	-0.04	0.07	40.2	0.13	0.28	
KRVFBD	49.3	0.84	4.12	31.2	0.81	3.65	33.0	0.84	1.31	31.9	0.80	0.95	40.6	0.21	1.90	
LN88KP	39.0	-0.85	0.43	28.4	0.02	1.26	31.6	0.54	0.61	25.5	-0.66	0.70	37.1	-0.40	0.07	
NDD2DV	46.7	0.41	0.89	29.9	0.43	1.21	35.0	1.28	1.40	36.5	1.87	3.59	47.6	1.41	3.85	
QT4KAA	43.8	-0.07	0.65	28.3	-0.02	0.60	26.9	-0.47	0.86	29.8	0.32	1.46	39.4	0.00	0.35	
RE6U96	36.7	-1.23	0.30	22.8	-1.55	0.29	25.8	-0.71	0.17	24.0	-1.01	0.21	34.4	-0.86	0.28	
UDFJ3T	41.8	-0.39	0.05	27.1	-0.35	0.06	28.8	-0.06	0.04	26.8	-0.36	0.04	36.9	-0.43	0.03	
VBC4AV	46.1	0.31	0.15	26.7	-0.47	0.74	28.3	-0.17	1.53	29.5	0.25	0.43	39.0	-0.07	0.24	
X6UPD2	43.4	-0.13		26.2	-0.60		29.2	0.02		22.1	-1.44		24.2	-2.64		



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	44.2	28.3	29.1	28.4	39.4	
Median Abs Dev	3.0	1.9	2.7	2.0	2.4	
Avg Within Lab SD	2.3	1.6	1.4	1.4	2.0	
Labs Included	22	22	22	22	22	
Labs Reporting	23	23	23	23	23	



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pH - sp (SubTestCode 102) in the Salinity Property Groups															Data units: Unit	
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	6.50	-0.72	2.70	5.90	-0.26	0.77	5.31	-2.55	0.66	4.50	-0.74	3.22	4.72	-0.86	2.75	
2KXFNV	6.70	0.48	0.49	6.08	1.20	0.55	6.25	0.73	0.42	4.78	1.00	0.25	5.04	0.87	0.33	
32TGUX	7.29	4.00X	0.21	6.71	6.11X	0.30	7.15	3.89X	0.44	4.49	-0.80	0.32	4.55	-1.77	0.10	
4PLP8R	6.62	0.00		6.01	0.63		6.32	0.99		4.63	0.06		4.92	0.23		
66DYDV	6.51	-0.68	0.34	5.87	-0.50	1.24	6.13	0.31	2.49	4.56	-0.35	1.14	4.79	-0.45	1.45	
7BCRWP	6.57	-0.28	0.67	5.84	-0.71	0.17	6.03	-0.01	0.30	4.57	-0.29	0.19	4.86	-0.07	0.19	
7DJYMW	6.71	0.56	0.34	6.05	0.94	0.45	6.32	1.00	1.03	4.58	-0.25	0.32	4.89	0.09	0.19	
7HD3A9	6.51	-0.64	0.21	5.82	-0.86	0.79	6.09	0.19	0.53	4.44	-1.09	0.52	4.82	-0.32	0.10	
8YX9ZY	7.40	4.68X		6.91	7.68X		6.86	2.88X		6.39	10.83X		6.25	7.36X		
92GHPQ	6.22	-2.38	1.38	5.60	-2.61	1.22	5.97	-0.24	1.32	4.35	-1.68	0.65	4.65	-1.20	0.19	
AANL9U	6.76	0.86	0.41	6.02	0.73	0.26	6.23	0.66	0.22	4.75	0.81	0.33	5.05	0.95	0.19	
AGLF3M	6.74	0.74	0.28	5.93	0.00	0.30	5.59	-1.57	0.17	4.66	0.22	0.33	4.95	0.41	0.25	
APFKWN	6.70	0.48	0.27	5.97	0.34	0.20	6.11	0.27	0.37	4.68	0.34	0.09	5.00	0.64	0.25	
FNQ3J4	6.47	-0.92	2.06	5.97	0.29	2.62	6.37	1.15	0.84	4.90	1.71	1.61	4.87	-0.05	2.54	
GK2FZF	6.61	-0.08	0.39	5.75	-1.38	0.36	5.66	-1.32	0.53	4.15	-2.88	0.16	4.35	-2.82	0.44	
KH6242	6.77	0.92	0.21	5.97	0.34	0.81	5.85	-0.66	1.66	4.62	-0.03	0.33	4.78	-0.50	0.10	
KPNXDH	6.70	0.50	0.56	5.96	0.21	0.60	6.29	0.89	0.29	4.65	0.18	0.98	4.94	0.36	0.58	
KRVFBD	6.77	0.88	0.78	5.87	-0.50	0.99	6.10	0.22	1.46	4.70	0.48	0.00	4.90	0.12	0.00	
L2TKUD	6.63	0.04	0.04	5.92	-0.09	0.17	5.92	-0.40	0.05	4.61	-0.08	0.05	4.86	-0.11	0.09	
LN88KP	6.68	0.33	0.48	5.93	0.00	0.49	6.01	-0.11	0.52	4.63	0.03	0.57	4.88	0.02	0.47	
NDD2DV	6.44	-1.10	1.25	6.04	0.89	0.88	5.97	-0.22	1.31	4.67	0.28	2.35	4.87	-0.02	1.67	
QT4KAA	6.60	-0.14	1.65	5.95	0.16	0.17	6.04	0.00	0.51	4.67	0.32	0.37	4.96	0.45	0.83	
RE6U96	6.43	-1.12	0.78	5.73	-1.54	1.98	5.97	-0.24	0.84	4.57	-0.33	0.93	4.90	0.12	1.66	
TG32G8	6.45	-1.00	1.36	5.69	-1.85	1.59	5.88	-0.55	1.64	4.40	-1.33	0.61	4.68	-1.05	0.17	
UDFJ3T	6.73	0.64	0.34	5.91	-0.16	0.17	6.06	0.09	0.22	4.67	0.28	0.25	4.95	0.41	0.25	
VBC4AV	6.73	0.66	0.23	5.91	-0.13	1.22	6.10	0.23	1.08	4.72	0.63	0.40	4.98	0.55	0.60	



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pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
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	
X6UPD2	6.50	-0.72		6.00	0.55		5.40	-2.23		4.40	-1.35		4.30	-3.09		

pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	6.62			5.93			6.04			4.62			4.88			
Median Abs Dev	0.11			0.06			0.11			0.06			0.08			
Avg Within Lab SD	0.07			0.06			0.07			0.06			0.06			
Labs Included	25			25			25			26			26			
Labs Reporting	27			27			27			27			27			



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FXG6Q	0.80	-2.88X	0.39	1.20	-4.36X	0.04	0.21	-0.66	0.31	0.97	-3.75X	0.08	1.92	-4.11X	0.07		
2KXFNV	1.40	0.00	0.27	4.33	-0.57	0.74	0.40	0.47	0.58	2.65	-0.72	0.19	4.30	-0.37	0.76		
32TGUX	0.01	-6.64X	0.00	0.02	-5.79X	0.00	0.00	-1.87	0.00	0.02	-5.48X	0.00	0.03	-7.08X	0.00		
4PLP8R	1.44	0.19		5.31	0.62		1.38	6.18X		3.33	0.52		4.79	0.40			
66DYDV	1.43	0.14	0.53	5.27	0.57	0.09	0.28	-0.25	0.53	3.28	0.42	0.16	4.83	0.46	0.11		
7BCRWP	1.18	-1.07	0.48	4.57	-0.28	0.80	0.37	0.29	0.29	2.22	-1.49	2.23	4.08	-0.70	1.09		
7DJYMW	1.17	-1.08	0.77	3.93	-1.05	2.53	0.26	-0.34	0.83	2.77	-0.49	0.92	4.08	-0.71	0.39		
7HD3A9	1.37	-0.16	0.48	5.85	1.27	0.53	0.91	3.43	0.21	3.34	0.54	0.97	5.31	1.21	0.22		
8YX9ZY	1.14	-1.24		3.45	-1.64		0.26	-0.37		2.19	-1.54		3.31	-1.92			
92GHPQ	1.53	0.64	0.39	5.26	0.55	0.45	0.35	0.14	0.18	3.24	0.35	0.39	4.85	0.50	0.09		
AANL9U	1.31	-0.42	0.52	4.49	-0.38	0.43	0.34	0.10	0.68	2.91	-0.24	0.33	4.31	-0.36	0.24		
AGLF3M	1.37	-0.14	0.27	4.43	-0.45	0.15	0.54	1.27	1.27	2.92	-0.23	1.49	4.38	-0.25	0.84		
APFKWN	1.53	0.64	0.32	5.34	0.65	0.09	0.23	-0.55	0.06	3.70	1.18	0.12	5.12	0.92	0.07		
FNQ3J4	1.55	0.70	2.71	5.26	0.56	1.47	0.31	-0.05	0.94	3.04	0.00	1.84	4.79	0.40	1.37		
GK2FZF	1.40	0.00	0.42	4.84	0.05	0.60	0.42	0.55	0.28	3.13	0.15	0.35	4.70	0.26	0.34		
KACN98	1.61	1.01	0.27	5.53	0.89	1.09	0.69	2.16	1.49	3.43	0.69	0.96	5.04	0.79	1.02		
KH6242	1.48	0.38	0.70	5.04	0.30	0.04	0.48	0.94	0.18	3.30	0.46	0.66	4.73	0.30	0.17		
KPNXDH	1.10	-1.45	0.58	4.46	-0.41	0.52	0.44	0.69	3.55	2.60	-0.80	0.36	3.98	-0.86	0.23		
KRVFBD	1.20	-0.97	2.03	4.53	-0.33	1.03	0.23	-0.52	0.77	2.64	-0.72	2.01	4.50	-0.05	3.06		
L2TKUD	1.16	-1.16	0.12	4.56	-0.30	0.18	0.40	0.47	0.03	2.54	-0.92	0.08	4.24	-0.45	0.03		
LN88KP	1.20	-0.98	2.07	3.86	-1.15	0.39	0.32	-0.04	0.22	2.54	-0.91	0.65	3.53	-1.58	1.26		
NDD2DV	1.11	-1.40	1.45	3.11	-2.04	1.86	0.26	-0.35	0.57	1.58	-2.65	0.81	3.43	-1.74	0.92		
QT4KAA	1.44	0.18	0.43	5.02	0.26	0.46	0.28	-0.27	0.60	3.20	0.28	0.22	4.53	0.00	1.29		
RE6U96	1.71	1.46	0.09	8.57	4.57X	1.61	1.14	4.80X	4.49	4.98	3.51X	1.30	6.80	3.57X	0.69		
TG32G8	1.60	0.96	0.00	5.70	1.09	0.00	0.33	0.04	0.00	3.70	1.19	0.00	5.50	1.52			
UDFJ3T	1.48	0.37	1.02	5.40	0.73	0.21	0.26	-0.35	0.18	3.18	0.24	0.04	4.90	0.58	0.70		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
VBC4AV	1.33	-0.32	0.89	4.80	0.00	2.19	0.27	-0.33	1.78	3.03	-0.02	1.59	4.63	0.16	1.09		
X6UPD2	1.50	0.48		4.20	-0.73		0.50	1.04		3.10	0.10		4.30	-0.37			

ECe - sp (SubTestCode 103) in the Salinity Property Groups							Data units: dS/m			
	SRS2301		SRS2302		SRS2303		SRS2304		SRS2305	
Grand Median	1.40		4.80		0.32		3.04		4.53	
Median Abs Dev	0.13		0.47		0.07		0.29		0.29	
Avg Within Lab SD	0.07		0.16		0.03		0.13		0.28	
Labs Included	26		25		26		25		25	
Labs Reporting	28		28		28		28		28	



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HCO3 ⁻ -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	2.38	0.00	0.66	0.48	0.19	1.79	0.80	0.47	0.72	0.06	-0.48	0.24	0.13	-0.39	0.20
66DYDV	2.93	0.75	1.58	0.20	-1.16	0.00	0.73	0.19	1.50						
8YX9ZY	2.00	-0.50		0.50	0.28		0.76	0.30		0.24	0.29		0.26	0.34	
92GHPQ	1.57	-1.08	0.78	0.28	-0.78	0.80	0.57	-0.48	0.74	0.10	-0.30	0.17	0.20	-0.01	0.00
AANL9U	2.70	0.44	0.89	0.40	-0.19	0.91	0.59	-0.40	0.26						
KACN98	2.85	0.64	1.23	0.56	0.56	0.95	0.35	-1.43	0.80	0.11	-0.29	0.54	0.17	-0.18	1.48
KRVFBD	1.54	-1.13	0.55	0.58	0.66	0.28	0.64	-0.19	0.97	0.29	0.51	0.31	0.25	0.29	0.25
NDD2DV	2.75	0.51	1.66	0.86	2.02	1.82	1.12	1.80	1.99	0.64	2.05	2.55	0.85	3.66	2.17
RE6U96	1.41	-1.30	0.14	0.29	-0.71	0.16	0.44	-1.03	0.27	0.06	-0.50	0.18	0.11	-0.51	0.08
TG32G8	2.81	0.59	0.29												
UDFJ3T	2.00	-0.50		0.40	-0.20	0.00	0.80	0.47	0.00	0.40	0.99	0.00	0.20	0.01	0.00

HCO3 ⁻ -sp (SubTestCode 104) in the Salinity Property Groups						Data units: mmolc/L				
	SRS2301		SRS2302		SRS2303		SRS2304		SRS2305	
Grand Median	2.38		0.44		0.69		0.17		0.20	
Median Abs Dev	0.44		0.13		0.11		0.11		0.06	
Avg Within Lab SD	0.07		0.04		0.08		0.06		0.07	
Labs Included	11		10		10		8		8	
Labs Reporting	11		10		10		8		8	



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K - sp (SubTestCode 105) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
32TGUX	0.24	1.37	0.24	2.45	-2.23	0.42	0.36	-1.46	0.06	0.65	-2.34	0.35	1.23	-4.79X	6.70		
4PLP8R	0.21	0.45		5.04	0.56		1.18	4.91X		1.28	0.92		3.96	0.24			
66DYDV	0.21	0.33	0.36	5.23	0.76	0.11	0.55	0.00	0.71	1.25	0.78	0.58	4.27	0.81	0.31		
7DJYMW	0.17	-1.08	0.48	3.59	-1.01	2.34	0.42	-0.99	0.99	0.96	-0.72	0.48	3.38	-0.82	0.41		
8YX9ZY	0.22	0.82		3.02	-1.62		0.40	-1.17		0.78	-1.68		2.46	-2.52			
92GHPQ	0.21	0.54	0.58	4.99	0.50	1.54	0.57	0.18	0.90	1.16	0.31	0.28	4.14	0.57	0.91		
AANL9U	0.16	-1.34	0.15	4.65	0.14	1.01	0.41	-1.12	0.70	0.94	-0.85	0.08	3.52	-0.57	0.83		
AGLF3M	0.18	-0.64	0.00	4.18	-0.37	0.44	0.70	1.14	0.72	1.06	-0.21	0.58	3.71	-0.22	0.97		
APFKW2	0.19	-0.27	0.31	5.16	0.69	0.16	0.59	0.31	0.24	1.22	0.62	0.41	4.28	0.83	0.59		
APFKWN	0.17	-1.00	0.00	4.24	-0.31	0.34	0.53	-0.16	0.41	1.09	-0.05	0.09	3.58	-0.46	0.17		
FNQ3J4	0.23	1.30	1.79	4.90	0.41	1.97	0.60	0.39	2.36	1.10	-0.02	3.28	4.10	0.50	3.01		
GK2FZF	0.19	-0.28	0.06	4.29	-0.25	0.42	0.63	0.65	0.19	1.14	0.17	0.10	4.05	0.41	0.25		
KACN98	0.20	0.00	0.27	4.62	0.11	0.80	0.78	1.81	0.18	1.14	0.17	0.76	3.83	0.00	0.29		
KH6242	0.20	0.09	0.00	3.77	-0.82	0.26	0.57	0.13	1.36	0.93	-0.88	0.95	3.53	-0.54	0.33		
KRVFBD	0.33	4.80X	1.12	4.66	0.15	1.36	0.52	-0.23	0.47	1.22	0.59	1.00	3.88	0.09	1.81		
L2TKUD	0.19	-0.31	0.75	4.11	-0.45	0.46	0.64	0.72	0.30	1.00	-0.53	0.66	3.34	-0.90	0.80		
LN88KP	0.19	-0.27	0.44	3.54	-1.07	0.67	0.41	-1.09	1.00	0.87	-1.24	1.28	2.99	-1.55	1.10		
NDD2DV	0.16	-1.24	0.72	3.29	-1.33	1.22	0.54	-0.05	2.73	0.80	-1.59	1.64	2.99	-1.54	0.64		
RE6U96	0.22	0.82	0.31	5.45	1.00	1.19	0.79	1.85	0.36	1.16	0.29	0.16	3.83	0.00	0.50		
TG32G8	0.21	0.45	0.00	5.15	0.68	0.14	0.61	0.47	0.24	1.23	0.68	0.25	4.39	1.03	0.20		
UDFJ3T	0.20	-0.03	0.18	4.78	0.28	0.33	0.52	-0.23	0.00	1.14	0.19	0.59	4.10	0.49	0.71		
VBC4AV	0.24	1.54	3.66	4.42	-0.11	0.57	0.55	0.00	0.24	1.11	0.02	0.50	3.86	0.06	0.53		



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K - sp (SubTestCode 105) in the Salinity Property Groups						Data units: mmolc/L
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	0.20	4.52	0.55	1.10	3.83	
Median Abs Dev	0.01	0.49	0.06	0.12	0.30	
Avg Within Lab SD	0.03	0.22	0.04	0.06	0.17	
Labs Included	21	22	21	22	21	
Labs Reporting	22	22	22	22	22	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups

Data units: mmolc/L

WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	10.4	-0.06	0.36	20.6	-0.73	1.07	1.2	0.18	0.91	18.0	-0.77	0.64	22.2	-0.77	1.33
32TGUX	3.4	-2.72	0.39	5.0	-2.75	0.10	0.2	-1.56	0.05	5.2	-2.77	0.09	7.4	-3.02	0.08
4PLP8R	11.6	0.39		29.9	0.48		4.7	6.02X		24.8	0.28		28.1	0.12	
66DYDV	10.8	0.10	0.95	27.5	0.16	0.43	1.1	0.00	1.60	23.8	0.12	0.32	27.7	0.07	0.39
7DJYMW	8.5	-0.77	0.78	21.1	-0.66	2.13	0.8	-0.52	1.50	19.8	-0.49	1.01	24.6	-0.41	0.36
8YX9ZY	4.2	-2.41		8.9	-2.26		0.4	-1.16		7.8	-2.37		9.7	-2.67	
92GHPQ	11.1	0.18	1.67	28.4	0.28	1.51	0.9	-0.33	0.40	23.8	0.13	0.81	28.4	0.16	0.80
AANL9U	7.2	-1.25	2.80	20.4	-0.76	0.13	0.6	-0.88	0.67	18.9	-0.63	0.64	21.1	-0.93	0.75
AD4B9X	109.9	37.43X	0.97	299.8	35.59X	15.81	5.1	6.66X	9.81	276.6	39.37X	21.70	410.1	57.97X	9.00
AGLF3M	9.4	-0.45	0.18	20.8	-0.70	0.48	2.1	1.56	1.64	19.3	-0.58	0.36	23.4	-0.59	0.29
APFKW2	10.9	0.11	0.31	28.1	0.24	0.06	1.1	-0.01	0.10	26.7	0.57	0.32	29.4	0.32	0.34
APFKWN	11.3	0.29	0.59	28.8	0.34	0.47	1.2	0.06	0.64	27.4	0.68	0.60	29.7	0.36	0.40
FNQ3J4	13.4	1.06	0.78	29.1	0.37	1.94	1.2	0.11	1.82	24.3	0.20	2.89	30.4	0.46	3.31
GK2FZF	10.7	0.06	0.32	25.5	-0.09	0.50	1.2	0.13	0.13	24.0	0.15	0.34	30.0	0.41	0.30
KACN98	12.5	0.71	0.70	28.3	0.27	0.34	3.2	3.38	0.16	25.1	0.33	0.41	29.5	0.34	0.90
KH6242	9.4	-0.45	0.84	21.7	-0.58	0.24	1.5	0.67	0.80	19.7	-0.51	0.86	25.3	-0.30	0.45
KPNXDH	11.0	0.16	1.39	27.7	0.19	0.27	1.7	0.89	0.87	23.4	0.06	0.65	27.0	-0.04	0.66
KRVFBD	9.8	-0.28	0.47	26.5	0.04	1.56	0.9	-0.45	1.39	22.4	-0.09	2.24	24.6	-0.41	0.92
L2TKUD	7.8	-1.03	0.74	21.8	-0.58	0.57	1.4	0.42	0.43	18.2	-0.74	0.61	24.1	-0.48	0.67
LN88KP	9.1	-0.54	0.34	22.1	-0.54	0.28	1.2	0.08	0.30	19.3	-0.57	1.15	22.8	-0.69	1.02
NDD2DV	8.6	-0.73	1.86	15.0	-1.46	1.31	0.9	-0.34	0.88	10.5	-1.94	0.54	18.3	-1.36	1.35
RE6U96	14.1	1.34	0.29	38.6	1.62	1.75	2.3	2.00	0.94	30.7	1.19	0.92	33.9	1.01	0.38
TG32G8	12.7	0.82	0.22	30.4	0.54	0.12	0.8	-0.52	0.06	26.7	0.57	0.10	32.2	0.74	0.21
UDFJ3T	11.1	0.20	0.84	30.1	0.50	0.64	1.1	-0.02	0.26	25.5	0.39	0.33	30.5	0.49	0.97
VBC4AV	10.4	-0.06	0.29	25.9	-0.04	1.02	1.0	-0.25	1.99	22.6	-0.06	1.02	27.6	0.04	0.78



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	10.6	26.2	1.13	23.0	27.3	
Median Abs Dev	1.2	4.0	0.25	3.5	2.9	
Avg Within Lab SD	0.5	1.3	0.10	1.1	1.5	
Labs Included	24	24	23	24	24	
Labs Reporting	25	25	25	25	25	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	2.7	-0.13	0.97	12.2	-0.49	0.82	0.8	0.33	1.38	3.2	-0.91	0.22	12.1	-0.91	0.89
32TGUX	0.9	-4.44X	0.16	3.0	-2.52	0.04	0.1	-1.00	0.03	1.0	-3.53X	0.07	3.6	-4.78X	0.68
4PLP8R	2.7	-0.12		16.1	0.38		2.6	3.61		4.0	0.03		14.8	0.30	
66DYDV	2.9	0.41	0.96	16.8	0.54	0.40	0.7	0.00	1.61	4.7	0.93	0.49	14.9	0.36	0.51
7DJYMW	2.2	-1.30	0.80	12.1	-0.52	1.99	0.5	-0.33	1.36	3.4	-0.65	0.73	12.7	-0.64	0.34
8YX9ZY	1.2	-3.78X		5.1	-2.06		0.2	-0.80		1.4	-3.07X		4.8	-4.23X	
92GHPQ	2.8	-0.02	1.84	16.2	0.39	1.25	0.5	-0.26	0.41	4.1	0.19	0.74	14.8	0.32	0.52
AANL9U	2.3	-1.17	0.48	14.2	-0.05	0.87	0.5	-0.39	0.32	3.5	-0.54	0.84	13.0	-0.51	0.30
AD4B9X	11.7	20.93X	1.91	12.4	-0.44	0.32	3.4	4.97X	3.18	11.6	8.99X	0.65	12.7	-0.65	0.26
AGLF3M	2.4	-0.82	0.47	12.5	-0.41	0.16	1.4	1.34	1.00	3.4	-0.62	0.37	12.7	-0.65	0.53
APFKW2	3.1	0.69	0.46	18.1	0.81	0.22	0.7	0.07	0.08	5.4	1.68	0.75	17.1	1.36	0.36
APFKWN	2.8	0.06	0.38	15.7	0.29	0.42	0.7	0.00	0.40	4.3	0.47	0.41	14.5	0.15	0.66
FNQ3J4	3.3	1.35	0.96	16.8	0.52	2.45	0.7	0.00	2.89	4.2	0.26	3.21	16.1	0.87	3.52
GK2FZF	2.7	-0.17	0.61	13.5	-0.20	0.19	0.7	0.12	0.26	3.8	-0.19	0.05	14.3	0.07	0.28
KACN98	3.1	0.68	1.44	15.9	0.34	0.67	2.1	2.61	0.00	4.1	0.14	0.76	14.6	0.20	0.18
KH6242	2.8	0.02	2.10	12.5	-0.41	0.15	1.2	0.99	0.00	3.6	-0.41	1.13	13.6	-0.23	0.29
KPNXDH	2.8	0.13	0.84	15.6	0.27	0.20	1.0	0.70	0.90	4.0	0.11	0.68	14.1	0.00	0.46
KRVFBD	2.9	0.27	1.22	14.9	0.11	0.30	0.5	-0.37	0.29	3.9	-0.03	1.07	13.6	-0.22	1.73
L2TKUD	2.0	-1.73	0.63	8.5	-1.29	1.42	0.9	0.37	0.12	2.9	-1.21	1.10	12.5	-0.75	0.63
LN88KP	2.4	-0.75	0.35	13.2	-0.26	1.11	0.4	-0.53	0.39	3.6	-0.37	0.97	13.0	-0.51	0.97
NDD2DV	2.2	-1.39	1.34	9.0	-1.19	1.10	0.6	-0.17	1.04	1.8	-2.52	0.32	9.6	-2.06	0.85
RE6U96	3.6	2.00	0.92	23.2	1.95	1.64	1.7	1.89	1.29	5.4	1.66	0.58	18.7	2.08	0.40
TG32G8	3.0	0.67	0.19	17.8	0.75	0.13	0.6	-0.13	0.21	4.4	0.49	0.22	17.3	1.43	0.11
UDFJ3T	2.9	0.36	0.99	17.5	0.69	0.69	0.6	-0.07	0.21	4.7	0.91	0.43	16.5	1.07	0.86
VBC4AV	2.5	-0.62	0.39	14.4	0.00	1.12	0.6	-0.11	1.36	3.5	-0.51	1.22	13.8	-0.15	0.91



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	2.76	14.4	0.67	3.95	14.1	
Median Abs Dev	0.27	2.0	0.19	0.43	1.1	
Avg Within Lab SD	0.12	0.8	0.07	0.23	0.9	
Labs Included	22	25	24	22	23	
Labs Reporting	25	25	25	25	25	



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Na - sp (SubTestCode 108) in the Salinity Property Groups

Data units: mmolc/L

WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	0.45	0.19	0.79	4.43	-0.64	0.25	0.86	2.76	0.27	0.67	-0.73	0.53	0.48	-0.20	0.22
32TGUX	0.30	-1.40	0.17	2.27	-2.57	0.16	0.22	-0.16	0.12	0.44	-1.92	0.15	0.35	-1.21	0.10
4PLP8R	0.48	0.48		5.57	0.37		4.31	18.42X		0.81	0.03		0.48	-0.16	
66DYDV	0.40	-0.34	0.00	4.70	-0.40	0.24	0.23	-0.08	1.05	0.73	-0.37	0.69	0.47	-0.27	1.29
7DJYMW	0.60	1.76	1.93	4.15	-0.89	1.12	0.41	0.72	0.52	0.86	0.28	0.46	0.65	1.22	0.89
8YX9ZY	0.46	0.28		3.39	-1.57		0.27	0.08		0.63	-0.91		0.46	-0.32	
92GHPQ	0.43	0.00	0.54	5.28	0.11	0.90	0.42	0.75	0.97	1.03	1.15	0.13	0.71	1.74	0.58
AANL9U	0.44	0.09	0.49	6.20	0.93	0.31	0.48	1.05	1.22	0.90	0.50	0.49	0.83	2.64	0.31
AD4B9X	37.16	379.32X	13.13	128.16	109.57X	1.39	18.51	82.84X	4.21	86.21	446.15X	4.77	37.63	300.69X	8.67
AGLF3M	0.34	-0.93	0.09	4.07	-0.96	0.07	0.22	-0.14	0.31	0.65	-0.79	0.28	0.41	-0.70	0.34
APFKW2	0.39	-0.45	0.16	5.32	0.15	0.07	0.22	-0.13	0.10	0.95	0.74	0.37	0.52	0.13	0.26
APFKWN	0.39	-0.45	0.16	5.17	0.02	0.28	0.23	-0.10		0.88	0.41	0.07	0.53	0.22	0.13
FNQ3J4	0.73	3.10	2.47	5.53	0.34	0.91	0.47	0.98	1.05	1.00	1.02	2.08	0.80	2.43	2.24
GK2FZF	0.44	0.05	0.17	4.85	-0.27	0.38	0.69	2.01	0.41	0.81	0.03	0.17	0.52	0.15	0.31
KACN98	0.53	1.04	0.91	5.02	-0.12	0.30	0.31	0.25	0.10	0.82	0.05	0.19	0.49	-0.11	0.03
KH6242	0.80	3.74X	5.29	4.28	-0.78	0.07	0.48	1.03	3.62	1.10	1.56	2.88	0.96	3.70X	7.04
KPNXDH	0.43	-0.03	0.28	5.22	0.06	0.15	1.01	3.46	0.91	0.80	-0.04	0.88	0.51	0.11	2.27
KRVFBD	0.50	0.69	2.80	5.13	-0.02	3.25	0.20	-0.23	0.00	0.77	-0.20	2.50	0.50	0.00	2.24
L2TKUD	0.31	-1.24	0.13	5.20	0.04	0.73	0.22	-0.14	0.38	0.45	-1.83	0.16	0.32	-1.44	0.36
LN88KP	0.47	0.38	0.23	3.63	-1.36	0.17	0.27	0.08	0.26	0.75	-0.29	0.51	0.56	0.49	0.32
NDD2DV	0.33	-1.03	0.67	3.38	-1.58	0.47	0.20	-0.25	0.58	0.40	-2.13	0.39	0.35	-1.19	0.85
RE6U96	0.53	0.96	0.25	7.00	1.64	0.82	2.21	8.89X	2.02	0.96	0.83	0.18	0.59	0.70	0.34
TG32G8	0.41	-0.28	0.09	5.67	0.46	0.05	0.23	-0.11	0.10	0.82	0.08	0.12	0.50	0.00	
UDFJ3T	0.40	-0.34	0.16	5.37	0.19	0.32	0.20	-0.25	0.10	0.80	-0.03	0.00	0.50	0.03	0.47
VBC4AV	0.43	0.00	0.73	5.96	0.72	2.53	0.23	-0.08	0.42	0.75	-0.27	0.55	0.49	-0.05	0.52



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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	0.43	5.15	0.25	0.81	0.50	
Median Abs Dev	0.04	0.48	0.05	0.09	0.03	
Avg Within Lab SD	0.06	0.42	0.06	0.08	0.04	
Labs Included	23	24	22	24	23	
Labs Reporting	25	25	25	25	25	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.18	-0.20	0.40	1.10	0.01	0.50	0.84	2.59	0.54	0.20	-0.21	0.54	0.11	0.14	0.22	
4PLP8R	0.18	-0.13		1.16	0.53		2.25	9.32X		0.21	-0.08		0.10	-0.29		
66DYDV	0.17	-0.38	1.36	1.00	-0.76		0.23	-0.32	1.18	0.20	-0.32	0.00	0.10	-0.29	0.00	
7DJYMW	0.26	1.41	1.15	1.02	-0.61	0.75	0.51	1.00	0.24	0.25	0.91	0.40	0.15	1.20	0.34	
8YX9ZY	0.28	1.79		1.28	1.50		0.47	0.81		0.26	1.10		0.17	1.77		
92GHPQ	0.16	-0.42	0.16	1.12	0.19	0.73	0.49	0.90	1.16	0.27	1.43	0.13	0.15	1.29	0.11	
AGLF3M	0.14	-0.89	0.00	1.00	-0.79	0.22	0.17	-0.64	0.24	0.19	-0.48	0.21				
APFKWN	0.15	-0.77	0.14	1.11	0.15	0.08	0.23	-0.32	0.12	0.23	0.47	0.21	0.11	0.00	0.00	
FNQ3J4	0.23	0.89	1.36	1.13	0.32	0.85	0.43	0.64	1.18	0.27	1.25	2.11	0.13	0.69	2.28	
GK2FZF	0.17	-0.38	0.14	1.09	-0.01	0.37	0.70	1.93	0.31	0.22	0.07	0.21	0.11	0.00	0.00	
KACN98	0.19	0.09	0.44	1.07	-0.21	0.48	0.19	-0.53	0.07	0.21	0.00	0.06	0.10	-0.19	0.08	
KH6242	0.32	2.62	2.99	1.03	-0.49	0.08	0.41	0.51	3.30	0.32	2.59	2.95	0.22	3.24	2.85	
KRVFBD	0.19	0.00	0.68	0.97	-0.98	1.62	0.24	-0.27	0.43	0.20	-0.24	0.92	0.10	-0.20	0.60	
LN88KP	0.20	0.16	0.17	0.86	-1.90	0.42	0.31	0.05	0.29	0.23	0.27	0.26	0.13	0.59	0.00	
NDD2DV	0.14	-0.83	0.36	0.98	-0.95	0.56	0.23	-0.32	0.43	0.15	-1.42	0.56	0.10	-0.29	0.39	
TG32G8				1.15	0.48	0.08	0.27	-0.16	0.12							
UDFJ3T	0.20	0.26	0.00	1.10	0.05	0.00	0.20	-0.48	0.00	0.20	-0.32	0.00	0.10	-0.29	0.00	
VBC4AV	0.20	0.26	0.00	1.37	2.20	3.06	0.30	0.00	0.00	0.20	-0.32	0.00	0.10	-0.29	0.00	

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	0.19			1.09			0.30			0.21			0.11			
Median Abs Dev	0.02			0.06			0.11			0.01			0.01			
Avg Within Lab SD	0.04			0.07			0.05			0.03			0.03			
Labs Included	17			18			17			17			16			
Labs Reporting	17			18			18			17			16			



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CI - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.68	-1.08	0.40	2.42	-1.30	0.81	1.41	2.20	1.91	0.49	-1.66	0.24	0.42	-1.53	0.82	
32TGUX	0.57	-1.79	0.07	0.12	-3.74X	0.01	0.08	-0.90	0.01	2.60	10.27X	0.07	2.51	15.15X	0.35	
4PLP8R	0.90	0.27		3.67	0.03		6.54	14.15X		0.96	0.98					
66DYDV	0.99	0.82	0.31	4.33	0.73	0.36	0.48	0.04	0.34	0.92	0.74	0.70	0.72	0.80	1.47	
7DJYMW	0.76	-0.60	0.54	2.68	-1.02	1.81	0.36	-0.25	0.37	0.63	-0.90	0.42	0.51	-0.86	0.48	
8YX9ZY	0.79	-0.41		2.54	-1.17		0.39	-0.17		0.60	-1.06		0.54	-0.61		
92GHPQ	0.99	0.81	0.77	4.12	0.51	0.07	0.96	1.15	0.33	0.83	0.26	0.47	0.69	0.58	0.18	
AANL9U	0.76	-0.57	0.51	3.07	-0.60	0.32	0.66	0.47	0.79	0.72	-0.40	0.18	0.63	0.12	0.59	
AGLF3M	0.82	-0.23	0.00	3.08	-0.60	0.26				0.73	-0.34	0.35	0.56	-0.45		
APFKWN	0.91	0.33	0.20	3.83	0.20	0.75				0.88	0.53	0.21	0.59	-0.21	0.00	
APMNRM	1.00	0.90	0.79	3.92	0.30	0.37	0.89	1.00	0.37	0.80	0.06	0.42	0.63	0.11	0.12	
FNQ3J4	1.07	1.30	3.35	3.67	0.03	0.32	0.53	0.16	0.74	0.83	0.26	0.69	0.70	0.67	2.99	
GK2FZF	0.90	0.26	0.25	3.49	-0.16	0.80	1.36	2.10	0.39	0.82	0.19	0.06	0.71	0.71	0.49	
KACN98	0.97	0.73	0.96	4.22	0.62	0.18	0.41	-0.13	0.22	0.79	0.04	0.04	0.57	-0.41	0.53	
KH6242	0.80	-0.35	0.00	2.90	-0.79	0.96	0.43	-0.07	0.74	0.80	0.08	1.20	0.63	0.13	1.73	
KPNXDH	0.64	-1.36	0.18	4.16	0.55	0.12	2.08	3.77	2.64	0.55	-1.34	0.32	0.43	-1.52	0.35	
KRVFBD	1.07	1.34	2.02	1.84	-1.91	1.28	0.36	-0.24	0.67	0.51	-1.55	0.57	0.45	-1.33	0.00	
L2TKUD	0.80	-0.35	0.51	3.05	-0.62	0.31	0.29	-0.41	0.22	0.54	-1.40	0.52	0.43	-1.46	0.35	
NDD2DV	0.70	-0.97	1.75	2.34	-1.38	0.67	0.52	0.14	2.00	0.57	-1.21	3.92	0.44	-1.38	0.75	
QT4KAA	0.81	-0.29	0.15	3.64	0.00	1.70	0.46	-0.01	0.95	0.72	-0.38	0.36	0.62	0.01	0.22	
RE6U96	1.04	1.15	0.13	5.26	1.72	1.42	4.34	9.03X	1.35	0.97	1.06	0.42	0.75	1.04	0.46	
TG32G8	0.90	0.27	0.12	4.33	0.74	0.80	0.47	0.01	0.15	0.79	0.00	0.07	0.62	0.00	0.17	
UDFJ3T	0.86	0.02	0.20	3.76	0.13	0.45	0.38	-0.19	0.15	0.90	0.66	0.56	1.13	4.10X	0.00	
VBC4AV	0.85	-0.02	0.41	3.25	-0.42	2.53	0.42	-0.10	0.71	0.72	-0.40	1.02	0.64	0.21	1.41	



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	0.86	3.64	0.46	0.79	0.62	
Median Abs Dev	0.09	0.57	0.09	0.09	0.08	
Avg Within Lab SD	0.09	0.18	0.08	0.08	0.03	
Labs Included	24	23	20	23	21	
Labs Reporting	24	24	22	24	23	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2KXFNV	1.16	-0.25	1.29	3.51	-0.70	1.08	0.92	0.07	0.99	0.39	0.53	0.41	0.82	0.61	1.41		
32TGUX	0.34	-3.63X	0.11	0.08	-3.64X	0.01	0.05	-1.90	0.01	2.10	10.51X	0.22	0.69	-0.11	0.14		
4PLP8R	1.43	0.85		4.70	0.33		3.41	5.65X		0.34	0.25		0.77	0.32			
66DYDV	1.25	0.11	0.19	4.52	0.17	0.23	0.89	-0.01	0.46	0.30	0.00	0.45	0.73	0.09	0.21		
7DJYMW	0.90	-1.34	1.59	2.86	-1.25	2.01	0.52	-0.84	0.21	0.16	-0.79	0.29	0.41	-1.60	0.22		
8YX9ZY	0.58	-2.65		1.46	-2.46		0.37	-1.18		0.19	-0.62		0.34	-1.98			
92GHPQ	1.32	0.40	1.72	4.69	0.32	1.58	0.97	0.17	0.66	0.48	1.08	0.56	0.88	0.91	0.98		
AANL9U	1.28	0.22	0.50	4.42	0.09	0.56	1.56	1.49	0.66	0.33	0.19	0.49	0.83	0.65	0.27		
AGLF3M	0.84	-1.58	0.10	3.31	-0.87	0.19	0.49	-0.92	0.41				0.47	-1.30	0.21		
APMNRM	1.24	0.09	0.84	4.48	0.14	0.42	0.90	0.01	0.79	0.44	0.86	0.15	0.82	0.59	0.73		
FNQ3J4	1.90	2.79X	3.85	5.23	0.79	1.71	1.17	0.61	3.24	0.83	3.13	3.33	1.50	4.22X	2.40		
GK2FZF	1.07	-0.65	0.20	3.55	-0.66	0.97	0.96	0.15	0.43	0.40	0.59	0.41	0.72	0.04	0.78		
KACN98	1.27	0.19	0.26	4.22	-0.09	0.65	0.80	-0.21	0.14	0.29	-0.04	0.19	0.67	-0.20	0.01		
KH6242	1.30	0.32	2.55	2.73	-1.36	0.32	0.50	-0.89	1.29	0.10	-1.15		0.30	-2.19	2.40		
KPNXDH	1.22	0.00	0.49	4.45	0.11	0.30	1.47	1.30	0.86	0.37	0.41	0.67	0.71	0.00	1.57		
KRVFBD	0.97	-1.06	0.96	3.36	-0.82	1.18	0.56	-0.76	1.07	0.20	-0.56	0.22	0.54	-0.93	0.21		
NDD2DV	0.91	-1.31	0.64	2.95	-1.18	0.48	0.81	-0.19	0.63	0.26	-0.21	1.09	0.71	0.00	1.96		
RE6U96	1.43	0.87	0.39	5.89	1.35	0.91	1.90	2.26	0.68	0.24	-0.33	0.22	0.69	-0.09	0.08		
TG32G8	1.30	0.33	0.20	4.76	0.38	0.31	0.94	0.10	0.13	0.27	-0.16	0.38	0.74	0.16	0.00		
UDFJ3T	1.16	-0.25	0.29	4.55	0.20	0.97	0.91	0.02	0.27	0.25	-0.29	0.13	0.70	-0.05	0.50		
VBC4AV	1.13	-0.37	0.66	4.05	-0.23	1.32	0.72	-0.40	0.97	0.57	1.61	1.33	1.03	1.69	1.13		



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups						Data units: mmolc/L
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	1.22	4.32	0.90	0.30	0.71	
Median Abs Dev	0.09	0.60	0.23	0.09	0.08	
Avg Within Lab SD	0.10	0.18	0.08	0.05	0.07	
Labs Included	19	20	20	19	20	
Labs Reporting	21	21	21	20	21	



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
32TGUX	4.2	-1.29	0.11	0.7	-1.97	0.00	0.7	-0.35	0.04				72.8	1.82	0.00
7DJYMW	2.5	-1.81	0.40	15.2	-1.16	0.98	0.1	-0.82	0.35	12.2	-1.25	0.45	19.3	-1.22	0.86
8YX9ZY	8.2	0.00		22.4	-0.76		1.2	0.00		16.6	-0.79		24.7	-0.92	
AGLF3M	9.1	0.27	0.11	36.1	0.00	0.44	3.0	1.23	2.48	24.7	0.07	1.10	38.8	-0.11	1.95
GK2FZF	11.0	0.90	1.21	45.9	0.55	1.49	0.3	-0.63	0.28	33.4	1.00	0.36	52.3	0.65	0.67
KACN98	10.0	0.56	1.41	43.1	0.39	0.29	4.3	2.19	0.27	29.9	0.62	0.23	46.6	0.33	0.53
KH6242	7.0	-0.38	0.97	37.8	0.09	0.27	2.2	0.67	0.43	26.6	0.28	0.87	43.4	0.14	0.57
KRVFBD	7.5	-0.22	0.74	22.0	-0.79	1.63	1.3	0.05	1.68	20.5	-0.37	2.46	23.7	-0.97	1.31
L2TKUD	9.1	0.29	0.45	41.9	0.33	0.17	1.8	0.40	0.47	23.3	-0.07	0.30	40.8	0.00	0.16
NDD2DV	6.3	-0.62	2.16	24.1	-0.67	1.94	0.1	-0.77	0.56	12.8	-1.19	0.72	30.7	-0.58	1.63
TG32G8	11.6	1.08	0.00	48.7	0.71	0.17	0.8	-0.31	0.22	34.4	1.10	0.08	52.9	0.68	0.11

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	8.20			36.1			1.22			24.0			40.8		
Median Abs Dev	1.76			12.0			0.89			6.7			11.5		
Avg Within Lab SD	0.39			1.6			0.14			1.3			1.3		
Labs Included	11			11			11			10			11		
Labs Reporting	11			11			11			10			11		



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B - sp (SubTestCode 113) in the Salinity Property Groups																Data units: mg/L
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32TGUX	0.00	-0.62	0.01	0.01	-2.70	0.00	0.01	-2.03	0.00	0.00	-0.68	0.01	0.01	-1.72	0.00	
4PLP8R	0.26	2.58					0.48	4.01X								
66DYDV	0.21	1.92	1.21	0.38	1.22	1.02	0.33	2.12	1.50	0.21	3.16	2.88	0.24	1.99	0.38	
8YX9ZY	0.07	0.23		0.20	-0.73		0.12	-0.63		0.04	0.00		0.08	-0.58		
APFKWN				0.27	-0.02	0.97										
FNQ3J4	0.03	-0.29	1.11	0.29	0.28	1.33	0.17	-0.03	0.73	0.03	-0.10	0.74	0.12	0.04	0.68	
GK2FZF	0.05	0.04	0.32	0.25	-0.18	0.20	0.20	0.42	0.08	0.05	0.12	0.28	0.11	-0.15	0.33	
KACN98	0.03	-0.30	0.98	0.23	-0.46	1.11	0.15	-0.18	2.05	0.03	-0.15	0.51	0.09	-0.36	1.38	
KPNXDH	0.05	-0.02	1.05	0.27	0.02	0.34	0.22	0.66	0.52	0.06	0.35	0.62	0.13	0.26	1.02	
KRVFBD	0.04	-0.10	0.61	0.25	-0.16	2.23	0.15	-0.28	0.79	0.04	0.00	0.00	0.10	-0.22	0.38	
L2TKUD	0.07	0.24	1.64	0.13	-1.43	0.19	0.12	-0.63	1.23	0.02	-0.41	0.42	0.06	-0.82	0.97	
NDD2DV	0.04	-0.16	0.44	0.24	-0.25	0.24	0.17	0.00	0.39	0.04	-0.02	0.39	0.12	0.00	0.53	
RE6U96				0.27	0.05	0.51	0.20	0.36	0.30	0.01	-0.55	0.00	0.09	-0.43	0.00	
TG32G8				0.29	0.27	0.19	0.16	-0.11	0.00				0.14	0.31	0.38	
UDFJ3T	0.04	-0.12	0.58	0.29	0.26	0.27	0.20	0.39	0.29	0.06	0.32	0.11	0.15	0.47	0.86	
VBC4AV	0.05	0.02	1.60	0.30	0.30	1.85	0.18	0.19	1.82	0.08	0.67	1.44	0.15	0.52	2.66	
X6UPD2	0.28	2.82		0.50	2.46		0.33	2.08		0.20	2.92		0.26	2.25		

B - sp (SubTestCode 113) in the Salinity Property Groups						Data units: mg/L				
	SRS2301		SRS2302		SRS2303		SRS2304		SRS2305	
Grand Median	0.052		0.27		0.17		0.040		0.12	
Median Abs Dev	0.019		0.03		0.03		0.019		0.03	
Avg Within Lab SD	0.010		0.03		0.02		0.014		0.02	
Labs Included	14		16		15		14		15	
Labs Reporting	14		16		16		14		15	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	0.58	0.25	2.23	1.59	0.44	1.21	0.17	0.89	1.25	0.90	0.64	3.29	1.64	0.67	1.90	
2KXFNV	0.55	0.04	1.12	1.40	-0.08	0.44	0.12	0.01	0.96	0.77	0.00	0.23	1.42	-0.03	0.92	
7WWPJ8	0.44	-1.03	0.26	1.41	-0.06	0.00	0.08	-0.89	0.00	0.93	0.76	0.20	1.58	0.47	0.21	
8T69HX	0.55	-0.02	0.00	1.72	0.78	0.04	0.17	0.91	0.16	1.05	1.36	0.05	1.15	-0.87	0.01	
92GHPQ	0.71	1.51	0.44	1.67	0.64	0.49	0.15	0.53	1.04	1.02	1.22	0.00	2.02	1.89	0.10	
9T78AK	0.62	0.68	0.16	1.74	0.84	1.08	0.12	0.00	1.59	0.74	-0.15	1.64	1.62	0.61	1.32	
AD4B9X	0.53	-0.17	0.37	1.26	-0.49	0.12	0.11	-0.22	0.01	0.87	0.50	0.07	1.54	0.36	0.02	
APMNRM	0.73	1.69	1.93	1.71	0.76	0.21	0.16	0.73	1.04	1.09	1.55	0.52	2.05	1.98	0.54	
DNVYW W	0.44	-1.03	0.26	0.78	-1.79	0.21	0.09	-0.76	0.60	0.64	-0.67	0.20	1.17	-0.83	0.10	
E39QVM	0.45	-0.91	0.44	1.06	-1.01	1.18	0.07	-1.03	0.60	0.58	-0.94	0.20	1.18	-0.79	0.36	
GK2FZF	0.60	0.52	0.63	1.65	0.59	0.55	0.15	0.57	0.65	0.75	-0.13	0.54	1.43	0.00	0.23	
GPXXKL	0.41	-1.25	0.68	1.27	-0.44	0.86	0.13	0.05	0.60	0.63	-0.69	0.85	1.44	0.03	1.04	
GWF4JE	0.38	-1.56	0.89	1.54	0.29	0.43	0.06	-1.30	2.07	0.77	0.00	1.03	1.51	0.27	0.54	
J3VQ6U	0.43	-1.07	0.38	1.62	0.50	1.02	0.12	-0.02	1.37	0.84	0.34	0.81	1.55	0.39	0.52	
K2GNP9	0.59	0.35	0.40	1.45	0.03	0.95	0.19	1.27	0.98	0.81	0.17	0.54	1.38	-0.15	0.72	
K3RK26	0.64	0.83	0.26	1.60	0.46	0.00	0.12	-0.15	0.60	1.02	1.21	0.52	1.83	1.27	0.36	
KH6242	0.66	1.01	0.51	1.75	0.86	1.01	0.16	0.73	2.74	1.03	1.26	0.70	1.95	1.65	1.63	
LN88KP	0.53	-0.13	1.12	0.87	-1.54	0.54	0.06	-1.29	0.42	0.71	-0.31	1.02	1.35	-0.26	0.98	
MD4CZY	0.53	-0.19	0.68	1.50	0.18	0.43	0.12	-0.15	0.60	0.78	0.02	0.52	1.59	0.51	0.53	
NDD2DV	0.33	-2.04	1.29	1.19	-0.68	1.50	0.08	-0.89	0.51	0.50	-1.36	1.67	1.03	-1.27	2.13	
NU2ERM	0.46	-0.80	1.10	1.34	-0.25	0.82	0.13	0.07	0.22	0.65	-0.62	0.88	1.14	-0.91	0.52	
PNEQTB	0.50	-0.44		1.40	-0.09	0.00	0.20	1.54	0.00	0.70	-0.36	0.00	1.40	-0.09	0.00	
UQNHVZ	0.57	0.24	0.32	0.76	-1.85	0.10	0.07	-1.15	0.06	0.44	-1.63	0.45	1.07	-1.13	0.47	
VBC4AV	0.57	0.18	2.56	0.83	-1.65	3.26	0.10	-0.49	0.00	0.67	-0.52	1.95	1.37	-0.20	1.03	
VE9P4J	0.55	0.00	0.09	2.09	1.80	0.28	0.13	0.03	0.43	0.59	-0.91	0.10	1.35	-0.25	0.04	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
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	
VKDLP6	0.56	0.08	1.56	1.23	-0.57	1.18	0.18	1.14	1.79	0.72	-0.26	0.90	1.26	-0.53	0.62	
VTVZRB	0.52	-0.29	0.00	1.48	0.12	0.00	0.06	-1.22	0.00	0.85	0.37	0.00	1.52	0.30	0.00	
XZJUDX	0.61	0.59	0.08	1.15	-0.78	1.01	0.17	0.93	0.85	0.74	-0.17	0.22	1.37	-0.17	0.05	
Y2TYT8	0.62	0.67	1.17	1.43	0.00	1.92	0.09	-0.62	0.60	1.06	1.42	1.22	1.97	1.71	3.09	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	0.55			1.43			0.12			0.77			1.43			
Median Abs Dev	0.06			0.21			0.04			0.12			0.16			
Avg Within Lab SD	0.02			0.05			0.01			0.03			0.06			
Labs Included	29			29			29			29			29			
Labs Reporting	29			29			29			29			29			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.33	-0.62	0.43	0.78	-1.01	1.73	0.07	-0.46	1.10	0.49	-0.78	1.09	0.91	-1.41	0.91	
4PLP8R	0.39	0.40	0.11	0.93	0.07	0.13	0.17	3.16X	2.14	0.57	0.16	0.17	1.16	0.29	0.26	
4PXMV	0.37	0.06	0.02	0.84	-0.56	0.04	0.07	-0.49	0.01	0.52	-0.37	0.03	1.06	-0.38	0.04	
7HD3A9	0.34	-0.52	0.39	1.00	0.61	0.42	0.14	2.09	0.23	0.56	0.04	0.33	1.24	0.78	0.51	
7WWPJ8	0.29	-1.44	0.15	0.60	-2.38	0.24	0.04	-1.52	1.45	0.40	-1.73	0.00	0.88	-1.60	0.26	
89JGEV	0.38	0.30	0.55	0.93	0.12	0.98	0.08	-0.24	1.45	0.57	0.16	1.14	1.19	0.47	1.35	
92GHPQ	0.40	0.66	0.15	0.90	-0.13	0.42	0.08	-0.12	0.00	0.55	-0.02	0.66	1.11	-0.07	0.45	
9YRDQR	0.34	-0.50	0.05	0.92	0.04	0.13	0.06	-0.71	0.08	0.56	0.02	0.03	1.16	0.25	0.26	
APFKWN	0.39	0.38	0.13	0.89	-0.19	0.32	0.05	-1.16	0.15	0.52	-0.42	0.30	1.09	-0.18	0.69	
APMNRM	0.41	0.78	0.26	0.93	0.07	0.65	0.08	-0.12	0.00	0.56	0.05	0.57	1.14	0.13	0.90	
BFNJV4	0.36	-0.06	0.15	0.82	-0.71	0.24	0.06	-0.88	0.00	0.48	-0.88	0.66	0.88	-1.60	0.93	
BZG9NK	0.41	0.73	0.03	0.95	0.22	0.43	0.09	0.41	0.73	0.58	0.32	0.38	1.18	0.42	0.49	
CH8YY6	0.33	-0.65	4.95	1.10	1.41	0.40	0.09	0.30	0.64	0.68	1.39	0.47	1.38	1.72	0.45	
DTN69D	0.38	0.22	0.08	0.92	0.05	0.10	0.06	-0.70	0.15	0.57	0.14	0.13	1.15	0.18	0.23	
GJB6AM	0.28	-1.64	0.02	0.92	0.03	0.05	0.07	-0.68	0.98	0.37	-2.02	0.06	0.83	-1.93	0.08	
GK2FZF	0.42	0.96	0.08	0.91	-0.03	0.08	0.09	0.31	0.67	0.51	-0.47	1.06	1.02	-0.66	0.33	
HQKZK8	0.44	1.39	0.40	1.13	1.62	2.57	0.10	0.78	1.45	0.70	1.65	0.33	1.21	0.63	0.69	
JGYWFT	0.40	0.54	0.31	0.95	0.27	0.67	0.09	0.12	1.33	0.61	0.59	0.23	1.19	0.49	0.54	
KH44WC	0.36	-0.06	1.07	0.55	-2.76	2.33	0.09	0.14	2.90	0.38	-1.99	3.72	0.62	-3.35X	4.43	
KH6242	0.42	0.96	0.26	0.96	0.35	0.24	0.09	0.27	0.00	0.58	0.24	0.33	1.15	0.22	1.58	
KTKQ37	0.32	-0.83	0.63	0.83	-0.66	2.78	0.08	0.00	0.91	0.41	-1.65	1.70	0.87	-1.66	1.94	
M74BGJ	0.34	-0.54	0.30	0.65	-2.05	0.24	0.04	-1.65	0.00	0.44	-1.33	0.87	0.94	-1.19	0.26	
MEXFBK	0.40	0.59	0.41	0.91	-0.07	0.64	0.09	0.15	0.67	0.55	-0.04	0.59	1.11	-0.06	0.25	
UWRBZ4	0.31	-1.08	0.55	0.86	-0.43	1.12	0.05	-1.27	0.00	0.50	-0.58	0.87	1.04	-0.54	2.06	
V9JBED	0.36	-0.08	0.00	0.88	-0.25	0.00	0.11	1.11	0.00	0.56	0.05	0.00	1.12	0.00	0.00	
WMVAHG	0.26	-1.86	0.30	0.88	-0.30	0.46	0.11	1.02	2.34	0.48	-0.83	1.53	0.97	-1.01	2.67	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
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	
XWE9J7	0.36	-0.18	0.40	1.23	2.40	0.65	0.12	1.42	0.00	0.63	0.83	1.14	1.15	0.20	1.55	
YHWHK4	0.41	0.86	0.03	0.93	0.07	0.18	0.09	0.09	0.30	0.57	0.13	0.03	1.14	0.13	0.21	
Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	0.37			0.92			0.083			0.56			1.12			
Median Abs Dev	0.03			0.04			0.013			0.04			0.07			
Avg Within Lab SD	0.04			0.02			0.004			0.02			0.02			
Labs Included	28			28			27			28			27			
Labs Reporting	28			28			28			28			28			



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	6.76	-0.30	1.71	6.07	-0.66	2.22	5.50	-2.01	1.42	4.71	-1.53	3.00	4.93	-1.67	2.82	
2KXFNV	6.62	-1.29	0.53	6.20	0.48	0.22	6.27	0.18	0.31	4.86	-0.22	0.29	5.22	0.40	0.28	
32TGUX	6.64	-1.16	0.70	6.10	-0.42	1.15	6.75	1.56	0.27	5.30	3.39X	0.47	5.59	2.93X	0.93	
4PLP8R	6.74	-0.45	1.51	6.08	-0.54	1.13	6.32	0.32	1.41	4.76	-1.08	1.41	5.06	-0.74	1.28	
4PXMV	6.89	0.59	0.21	6.25	0.96	0.19	6.33	0.35	0.18	4.94	0.39	0.11	5.23	0.42	0.11	
6DN78D	6.82	0.09	0.18	6.20	0.51	0.19	5.98	-0.65	0.18	4.89	0.00	0.19	5.21	0.30	0.18	
6GNCLJ	6.78	-0.21	0.63	6.22	0.65	0.62	6.23	0.05	1.86	4.91	0.17	1.37	5.21	0.32	0.70	
6WH2J2	6.78	-0.20	0.11	6.12	-0.21	0.19	5.74	-1.35	0.10	4.86	-0.25	0.19	5.14	-0.21	0.11	
7HD3A9	6.66	-1.02	0.38	5.97	-1.53	0.39	6.27	0.19	0.62	4.69	-1.67	0.00	4.96	-1.42	0.11	
7U8JYA	6.81	0.02	0.18	6.26	1.02	1.53	5.70	-1.44	0.45	4.87	-0.17	0.56	5.12	-0.30	0.11	
7WWPJ8	6.81	0.05	0.38	6.03	-0.99	0.47	5.88	-0.95	0.45	4.75	-1.17	0.49	4.96	-1.44	0.37	
89JGEV	7.02	1.45	0.66	6.22	0.66	0.39	6.30	0.25	0.74	4.92	0.22	0.84	5.26	0.67	0.85	
8T69HX	6.75	-0.39	0.18	6.05	-0.81	0.11	5.83	-1.07	0.20	4.81	-0.67	0.19	5.00	-1.16	0.37	
8YX9ZY	6.83	0.16		6.52	3.38X		6.19	-0.05		5.47	4.84X		5.69	3.65X		
92GHPQ	6.48	-2.22	0.74	5.79	-3.17X	1.79	6.47	0.74	0.41	5.53	5.37X	2.70	5.49	2.28	1.71	
92ZC3L	6.93	0.82	0.65	6.15	0.06	0.38	5.76	-1.27	0.27	4.89	0.03	0.22	5.09	-0.51	0.11	
96HQU2	6.82	0.11	0.46	6.09	-0.48	0.33	5.83	-1.09	0.37	4.87	-0.17	0.32	5.15	-0.14	0.77	
9MJE3R	7.06	1.75	1.53	6.10	-0.42	0.85	5.91	-0.84	1.48	4.83	-0.47	0.94	5.02	-1.00	0.56	
9T78AK	6.91	0.68	0.11	6.15	0.03	0.29	6.24	0.09	0.00	4.84	-0.44	0.11	5.02	-1.02	0.18	
AGRHYM	7.00	1.32	0.37	6.30	1.38	0.11	6.57	1.04	0.45	5.17	2.34	0.37	5.41	1.70	0.18	
APFKWN	6.87	0.43	0.55	6.12	-0.24	0.78	6.36	0.43	0.72	4.85	-0.31	0.22	5.09	-0.51	0.87	
APMNRM	6.60	-1.41	2.30	5.98	-1.50	1.71	6.53	0.92	1.80	5.81	7.70X	3.02	5.54	2.60	3.15	
BLYF2Y	7.04	1.61	0.28	6.18	0.33	0.19	6.40	0.56	0.98	4.84	-0.39	0.60	5.22	0.40	0.59	
BTW6GH	6.69	-0.77	0.94	6.27	1.14	0.38	6.00	-0.58	0.45	4.94	0.39	0.76	5.36	1.37	0.93	
DNVYW	6.88	0.50	0.18	6.12	-0.21	0.19	5.90	-0.88	0.18	4.96	0.61	0.11	5.21	0.33	0.11	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
DTN69D	6.64	-1.13	0.18	6.14	0.00	0.22	6.22	0.03	0.20	4.88	-0.06	0.29	5.12	-0.35	0.53	
E39QVM	6.82	0.07	0.11	6.20	0.48	0.29	6.10	-0.30	0.51	4.97	0.70	0.22	5.21	0.33	0.11	
EDCN4W	6.98	1.18	0.80	6.17	0.21	0.22	6.34	0.38	0.31	4.92	0.28	0.47	5.14	-0.16	0.28	
G4D3LM	6.81	0.05	0.11	6.28	1.20	0.29	6.38	0.49	0.77	4.98	0.72	0.47	5.20	0.26	0.28	
GJB6AM	6.80	-0.02	0.59	6.09	-0.48	0.38	6.32	0.31	0.10	4.89	0.00	0.37	5.17	0.00	0.53	
GK2FZF	6.93	0.84	0.18	6.18	0.33	0.19	6.34	0.37	0.20	4.88	-0.08	0.49	5.12	-0.30	0.11	
GPXXKL	6.72	-0.57	0.46	6.14	0.00	0.76	5.81	-1.15	0.45	4.89	-0.03	0.60	5.18	0.07	0.59	
HQKZK8	7.02	1.43	0.23	6.42	2.44	0.49	6.23	0.05	0.55	5.23	2.80	0.70	5.32	1.05	0.75	
J3VQ6U	6.65	-1.09	1.82	6.18	0.33	0.75	6.19	-0.04	0.62	5.09	1.70	0.57	5.30	0.93	0.32	
JGYWFT	6.68	-0.84	1.08	6.48	2.99X	0.29	5.92	-0.82	0.47	5.33	3.67X	0.19	5.55	2.65	0.21	
JU2LBT	6.91	0.73	0.28	6.17	0.24	0.19	5.65	-1.60	0.10	4.90	0.11	0.11	5.20	0.26	0.11	
K2GNP9	6.71	-0.66	0.74	6.15	0.09	1.10	5.82	-1.11	1.34	5.03	1.17	1.04	5.19	0.16	0.18	
K3RK26	6.82	0.07	0.11	6.13	-0.09	0.11	6.17	-0.10	0.37	4.86	-0.25	0.19	5.11	-0.42	0.11	
KACN98	6.87	0.41	1.06	6.40	2.30	0.00	5.87	-0.97	1.02	5.00	0.92		5.40	1.63	0.00	
KH6242	6.99	1.25	1.76	6.26	1.08	2.55	6.30	0.27	2.49	5.09	1.67	0.19	5.08	-0.63	0.28	
KRVFBD	6.81	0.03	2.33	6.09	-0.47	0.81	6.30	0.26	0.30	4.83	-0.51	0.46	5.13	-0.24	0.46	
LN88KP	6.80	-0.07	0.28	6.15	0.06	0.56	6.25	0.11	0.62	4.83	-0.50	0.19	5.12	-0.33	0.37	
M74BGJ	6.81	0.00	0.11	6.11	-0.27	0.29	6.23	0.05	0.41	4.89	0.03	0.11	5.22	0.35	0.28	
MD4CZY	6.70	-0.73	0.00	6.20	0.51	0.00	6.10	-0.31	0.00	4.90	0.08	0.00	5.20	0.23	0.00	
MEXFBK	6.33	-3.22X	3.83	6.33	1.71	4.73	6.27	0.17	4.46	5.10	1.75	3.74	5.07	-0.70	2.13	
MR2LKJ	6.67	-0.91	0.70	6.03	-0.99	0.11	6.31	0.30	0.20	4.77	-1.00	0.32	5.05	-0.79	0.11	
NDD2DV	6.66	-1.02	2.47	6.08	-0.54	1.58	6.37	0.46	1.52	4.62	-2.25	3.40	4.99	-1.23	3.69	
NU2ERM	6.72	-0.61	0.46	6.05	-0.84	0.68	5.85	-1.03	0.45	4.92	0.25	1.04	5.21	0.33	1.30	
NUNMY7	6.67	-0.95	1.06	6.10	-0.39	0.00	6.23	0.07	1.02	4.83	-0.47	1.08	5.17	0.00	1.07	
PJLM4D	6.70	-0.73	0.00	6.00	-1.29		5.90	-0.88	0.00	4.93	0.36	1.08	5.17	0.00	1.07	
PNEQTB	6.90	0.64	0.00	6.23	0.81	1.09	5.93	-0.78	1.02	5.00	0.92		5.30	0.93	0.00	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QNUCY7	6.67	-0.95	1.06	6.10	-0.39	0.00	6.23	0.07	1.02	4.80	-0.75	0.00	5.17	0.00	1.07	
R4FAJY	6.85	0.30	0.49	6.11	-0.27	0.29	5.84	-1.04	0.72	4.91	0.14	0.57	5.15	-0.09	0.28	
TBXZM6	6.66	-1.00	1.66	6.03	-0.99	0.11	6.09	-0.33	0.45	4.77	-1.00	0.65	4.95	-1.53	0.77	
TJR6F7	6.77	-0.23	0.65	6.06	-0.78	0.39	5.77	-1.24	0.57	4.87	-0.14	1.03	5.13	-0.28	0.43	
TQBDZW	6.91	0.68	0.38	6.17	0.21	0.39	5.62	-1.67	0.27	4.90	0.08	0.19	5.23	0.47	0.38	
UKYUB3	6.95	1.00	0.43	6.02	-1.08	1.44	5.90	-0.88	0.18	5.01	0.97	0.39	5.12	-0.30	0.11	
UQNHVZ	6.76	-0.34	0.65	6.26	1.08	0.22	6.42	0.61	0.18	5.05	1.31	0.47	5.27	0.72	0.18	
V9JBED	6.75	-0.36	0.65	6.12	-0.18	0.11	5.59	-1.77	0.10	4.86	-0.22	0.11	5.17	0.05	0.53	
VBC4AV	6.84	0.23	3.58	6.18	0.36	1.92	6.37	0.45	1.95	4.86	-0.22	1.70	5.17	0.00	2.98	
VE9P4J	6.32	-3.29X	0.38	6.10	-0.39	0.68	5.49	-2.04	0.45	4.75	-1.14	0.71	5.07	-0.67	0.00	
VKDLP6	6.71	-0.66	0.55	6.01	-1.23	0.54	5.52	-1.96	0.64	4.95	0.47	1.70	5.12	-0.35	0.21	
VTVZRB	6.90	0.64	0.00	6.07	-0.66	0.00	6.25	0.12		4.95	0.50	0.00	5.26	0.65	0.00	
XZJUDX	6.78	-0.17	0.03	6.29	1.35	0.04	6.21	0.00	0.29	5.06	1.43	0.19	5.36	1.32	0.07	
Y2TYT8	6.94	0.93	1.23	6.20	0.54	1.07	6.34	0.37	1.70	4.79	-0.81	0.54	5.05	-0.81	0.18	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	6.81			6.14			6.21			4.89			5.17			
Median Abs Dev	0.10			0.06			0.17			0.06			0.06			
Avg Within Lab SD	0.05			0.05			0.06			0.05			0.05			
Labs Included	63			62			65			60			63			
Labs Reporting	65			65			65			65			65			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	6.75	-0.75	0.18	6.33	0.14	0.10	6.41	0.00	0.19	4.99	-0.18	0.12	5.34	0.55	0.09	
3GNUBF	6.67	-1.15	0.91	5.73	-4.05X	1.01	5.47	-3.43X	0.96	4.70	-2.07	0.00	5.23	-0.34	0.90	
4PLP8R	6.85	-0.31	0.57	6.16	-1.07	1.99	6.40	-0.04	1.71	4.85	-1.10	0.86	5.21	-0.53	1.25	
4PXMV	6.85	-0.32	0.18	6.43	0.79	0.20	6.48	0.23	0.19	5.03	0.11	0.11	5.27	-0.01	0.09	
6PTJ2J	6.74	-0.81	0.87	6.34	0.21	2.36	6.50	0.33	3.42	5.07	0.35	2.30	5.05	-1.79	1.61	
7BCRWP	7.00	0.40	0.18	6.32	0.05	0.46	6.53	0.42	0.17	5.06	0.33	0.12	5.40	1.01	0.72	
7HD3A9	7.00	0.38	0.59	6.26	-0.35	0.18	6.45	0.13	0.11	4.98	-0.20	0.18	5.25	-0.17	0.07	
7U8JYA	6.95	0.17	0.65	6.34	0.19	0.35	5.83	-2.10	0.10	4.96	-0.33	0.06	5.24	-0.26	0.50	
7WWPJ8	6.92	0.03	0.09	6.16	-1.05	0.44	5.93	-1.74	0.35	4.87	-0.97	0.06	5.10	-1.44	0.18	
92GHPQ	6.42	-2.29	1.90	6.11	-1.42	0.18	6.56	0.53	0.44	5.58	3.76X	0.06	5.55	2.25	0.86	
AGLF3M	6.96	0.20	0.54	6.24	-0.51	0.00	5.80	-2.24	1.08	4.94	-0.51	0.25	5.21	-0.53	0.00	
APFKWN	6.79	-0.58	0.16	6.30	-0.12	0.40	6.30	-0.40	0.42	4.99	-0.15	0.21	5.29	0.15	0.39	
APMNRM	6.60	-1.44	2.64	6.15	-1.16	1.63	6.44	0.08	1.34	5.37	2.36	0.37	5.40	1.01	0.87	
BFNJV4	6.77	-0.69	0.24	6.18	-0.95	0.27	6.37	-0.16	0.29	5.01	-0.02	0.18	5.37	0.74	0.24	
BZG9NK	7.13	0.98	0.42	6.40	0.60	1.67	6.00	-1.49	0.42	5.01	0.00	0.71	5.28	0.01	0.80	
CH8YY6	7.16	1.12	0.57	6.34	0.19	0.30	6.54	0.45	0.35	5.08	0.42	0.16	5.34	0.50	0.18	
FN8JCC	7.14	1.04	0.65	6.56	1.72	1.14	6.82	1.49	0.31	5.19	1.16	0.12	5.17	-0.81	0.91	
GK2FZF	7.05	0.61	0.16	6.31	0.00	0.10	6.43	0.05	0.10	4.98	-0.22	0.11	5.25	-0.20	0.16	
GWF4JE	6.80	-0.54	1.57	6.10	-1.49	1.75	6.50	0.31	1.66	5.00	-0.09	1.07	5.20	-0.61	1.56	
KH44WC	6.80	-0.52	1.41	6.32	0.02	1.51	6.56	0.54	1.51	5.29	1.81	4.01	5.30	0.18	2.47	
KH6242	6.59	-1.50	0.31	6.04	-1.88	0.36	6.34	-0.27	0.33	5.39	2.51	0.16	5.23	-0.36	1.36	
KTKQ37	6.97	0.23	2.40	6.23	-0.56	1.01	6.07	-1.26	0.96	5.07	0.35	0.62	5.37	0.74	1.81	
R9TAHB	7.08	0.76	0.09	6.27	-0.33	0.10	6.41	0.00	0.10	5.01	0.00	0.06	5.29	0.15	0.09	
UWRBZ4	6.91	-0.03	0.42	6.33	0.14	0.40	6.52	0.39	0.44	4.98	-0.20	0.12	5.25	-0.18	0.18	
WMVAHG	6.97	0.23	0.91	6.33	0.14	1.01	5.90	-1.86	0.00	5.03	0.13	0.62	5.53	2.09	1.81	
YHWHK4	7.02	0.47	0.00	6.57	1.79	0.18	6.31	-0.36	0.10	5.21	1.30	0.28	5.39	0.93	0.00	



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	6.92	6.31	6.41	5.01	5.28	
Median Abs Dev	0.12	0.07	0.11	0.05	0.07	
Avg Within Lab SD	0.06	0.06	0.06	0.09	0.06	
Labs Included	26	25	25	25	26	
Labs Reporting	26	26	26	26	26	



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	6.31	-1.77	0.32	6.06	1.09	0.22	5.51	0.93	0.04	4.68	0.02	0.25	5.07	0.78	0.39	
6WH2J2	6.17	-3.18	0.32	5.97	0.08	0.19	5.22	0.03	0.04	4.68	-0.06	0.12	5.06	0.57	0.34	
92GHPQ	6.50	0.17	1.49	5.74	-2.61	1.27	5.84	1.91	0.31	4.92	3.00	1.12	5.05	0.47	1.70	
96HQU2	6.57	0.87	1.04	5.94	-0.31	0.45	5.20	-0.03	0.11	4.69	0.15	0.33	5.03	0.05	0.52	
APMNRM	6.37	-1.14	1.30	5.82	-1.72	2.63	5.76	1.69	0.35	4.92	3.04	3.05	5.23	3.24X	1.75	
GJB6AM	6.48	-0.07	0.97	5.92	-0.47	0.59	5.46	0.77	0.07	4.68	-0.02	0.57	5.02	0.00	0.39	
GK2FZF	6.51	0.23	1.16	5.84	-1.48	0.49	5.49	0.87	0.07	4.59	-1.20	0.33	4.87	-2.35	0.52	
JU2LBT	6.58	0.90	0.49	6.01	0.55	0.19	4.96	-0.76	0.04	4.68	-0.06	0.12	5.00	-0.31	0.19	
LN88KP	6.48	-0.07	1.16	6.00	0.47	0.49	5.51	0.92	0.29	4.62	-0.73	1.18	4.96	-0.99	1.35	
M74BGJ	6.41	-0.77	0.32	5.96	0.00	0.30	5.07	-0.41	3.67	4.68	-0.02	0.21	5.03	0.10	0.34	
PJLM4D	6.50	0.13		5.97	0.04	1.12	5.13	-0.23	0.36	4.70	0.23	0.00	4.97	-0.89	1.95	
R4FAJY	6.49	0.07	0.19	5.94	-0.31	0.40	5.13	-0.24	0.17	4.69	0.15	0.69	4.98	-0.68	1.47	
TJR6F7	6.48	-0.03	1.34	5.96	0.00	1.45	5.09	-0.35	0.22	4.66	-0.27	0.77	4.96	-0.99	0.89	
XWE9J7	6.49	0.03	1.41	5.99	0.31	0.84	5.10	-0.33	0.11	4.72	0.48	0.57	5.06	0.57	0.67	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	6.49			5.96			5.21			4.68			5.02			
Median Abs Dev	0.02			0.03			0.19			0.02			0.04			
Avg Within Lab SD	0.03			0.05			0.16			0.05			0.03			
Labs Included	14			14			14			14			13			
Labs Reporting	14			14			14			14			14			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4PLP8R	6.51	0.72	2.13	5.98	0.00	2.48	5.74	0.90	1.45	4.61	-1.03	2.98	4.95	-0.78	2.34	
7HD3A9	6.63	1.61	0.98	6.03	0.64	0.43	5.75	0.94	0.16	4.73	0.36	0.23	5.05	0.02	0.02	
92GHPQ	6.40	-0.02	1.75	5.92	-0.91	1.48	5.80	1.22	1.45	5.21	5.95X	4.22	5.26	1.75	1.11	
AGRHYM	6.48	0.56	0.58	5.94	-0.67	0.63	5.41	-0.86	0.75	4.68	-0.21	0.35	5.00	-0.39	1.23	
APFKWN	6.38	-0.19	0.81	6.09	1.54	0.82	5.50	-0.39	0.71	4.69	-0.14	0.40	5.10	0.42	0.26	
APMNRM	6.34	-0.44	1.00	5.91	-1.01	0.95	5.62	0.28	1.75	5.02	3.73	0.73	5.34	2.45	1.59	
CLUB7M	6.40	0.00	0.29	6.03	0.67	0.00	5.46	-0.58	0.00	4.69	-0.10	0.00	5.06	0.11	0.00	
DTN69D	6.31	-0.63	0.14	6.02	0.53	0.00	5.42	-0.79	0.00	4.72	0.29	0.20	5.05	0.00	0.13	
GK2FZF	6.59	1.28	0.38	5.96	-0.29	0.63	5.71	0.72	0.71	4.66	-0.45	0.35	4.99	-0.50	0.13	
KH6242	6.36	-0.33	0.38	5.93	-0.72	0.24	5.57	0.00	1.45	4.73	0.33	0.20	4.93	-1.00	0.34	
R9TAHB	6.64	1.63	0.14	6.01	0.43	0.24	5.43	-0.72	0.13	4.71	0.10	0.20	5.05	0.00	0.13	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	6.40			5.98			5.57			4.70			5.05			
Median Abs Dev	0.08			0.05			0.14			0.03			0.05			
Avg Within Lab SD	0.04			0.02			0.04			0.03			0.05			
Labs Included	11			11			11			10			11			
Labs Reporting	11			11			11			11			11			



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pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit				
														SRS2305				
SRS2301				SRS2302				SRS2303				SRS2304						
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
8YX9ZY	6.19			5.74			5.41			4.47			4.69					
JGYWFT	5.87		0.73	5.65		0.16	5.03		0.33	4.38		0.28	4.62					0.13
NDD2DV	6.00		1.21	5.81		1.40	5.35		1.38	4.54		1.39	4.94					1.41
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit				
														SRS2305				
SRS2301				SRS2302				SRS2303				SRS2304						
Grand Median	6.00			5.74			5.35			4.47			4.69					
Median Abs Dev																		
Avg Within Lab SD	0.09			0.09			0.10			0.06			0.13					
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		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32TGUX	0.94		1.71	2.17		1.61	0.18		1.52	1.33		0.77	2.75		1.61	
6PTJ2J	0.17		0.08	0.39		0.18	0.06		0.58	0.25		1.42	0.49		0.20	
BZG9NK	0.19		0.23	0.41		0.61	0.04		0.58	0.24		0.62	0.51		0.62	
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	0.19			0.41			0.057			0.25			0.51			
Median Abs Dev																
Avg Within Lab SD	0.01			0.01			0.003			0.00			0.01			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
92GHPQ	6.97	0.00	0.44	7.28	0.12	0.39	7.10	0.00	0.45	6.79	0.00	0.60	6.74	0.34	0.31	
DTN69D	6.95	-0.19	0.00	7.29	0.30	0.15	7.10	0.00	0.17	6.76	-0.23	0.35	6.70	0.00	0.12	
FNQ3J4	6.88	-1.04	1.16	7.27	0.05	2.53	7.05	-0.34	2.37	6.63	-1.37	1.59	6.59	-0.93	2.32	
G4D3LM	6.99	0.27	0.86	7.12	-1.50	0.53	6.91	-1.26	0.59	6.59	-1.69	1.84	6.59	-0.90	0.40	
GJB6AM	6.82	-1.73	0.33	7.09	-1.85	0.26	6.70	-2.68	0.29	6.10	-5.92X	0.00	6.14	-4.69X	0.87	
M74BGJ	7.00	0.35	1.00	7.26	-0.05	0.26	7.12	0.18	0.45	6.86	0.63	0.35	6.84	1.18	0.64	
UDFJ3T				7.20	-0.72	0.39				6.82	0.26	0.60	6.64	-0.45	0.23	
VBC4AV	7.07	1.15	1.90	7.34	0.79	0.93	7.14	0.27	0.74	6.85	0.54	0.35	6.81	0.93	0.93	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	6.97			7.27			7.10			6.79			6.70			
Median Abs Dev	0.03			0.05			0.04			0.06			0.11			
Avg Within Lab SD	0.03			0.04			0.03			0.02			0.05			
Labs Included	7			8			7			7			7			
Labs Reporting	7			8			7			8			8			



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	7.03	-0.77	0.34	7.28	-0.04	0.86	7.19	0.41	0.30	6.86	-0.09	0.40	6.74	-0.29	0.41	
6DN78D	7.00	-1.04		7.23	-0.67	0.41	7.11	-0.45	0.52	6.68	-1.17	0.26	6.60	-1.07	0.27	
6GNCLJ	7.17	0.36	0.54	7.40	1.34	0.39	7.36	2.14	0.68	6.90	0.17	2.61	6.86	0.43	3.27	
6WH2J2	7.37	1.90	0.03	7.41	1.43	0.04	7.20	0.44	0.05	7.12	1.49	0.03	7.08	1.66	0.04	
AGRHYM	7.14	0.05	0.17	7.29	0.00	0.48	7.15	0.00	1.08	6.82	-0.33	0.55	6.75	-0.19	0.56	
E39QVM	7.28	1.17	0.45	7.38	1.11	0.41	7.27	1.20	0.52	7.06	1.17	0.40	6.97	1.07	1.03	
GPXXKL	7.06	-0.53	0.17	7.22	-0.83	0.24	7.10	-0.58	0.30	6.79	-0.52	0.15	6.75	-0.23	0.16	
J3VQ6U	7.06	-0.53	1.44	7.24	-0.51	0.86	7.14	-0.17	1.20	6.87	0.01	0.55	6.82	0.19	0.72	
JU2LBT	7.26	1.07	0.45	7.35	0.75	0.83	7.17	0.14	0.80	7.01	0.86	0.40	6.93	0.84	0.16	
K2GNP9	7.02	-0.88	2.54	7.29	0.00	1.04	7.10	-0.55	1.88	6.87	-0.01	1.47	6.81	0.15	0.78	
K3RK26	7.00	-1.01	0.17	7.25	-0.47	0.24	7.14	-0.14	0.52	6.75	-0.72	0.15	6.59	-1.11	0.16	
KACN98	7.10	-0.24	0.00	7.30	0.16	0.00	7.30	1.51	0.00	7.17	1.79	1.52	7.00	1.22		
KRVFBD	7.15	0.19	1.02	7.25	-0.43	0.41	7.15	-0.03	0.52	6.79	-0.50	0.53	6.75	-0.23	0.16	
L2TKUD	6.99	-1.11	0.21	7.25	-0.46	0.36	7.16	0.04	0.08	6.77	-0.64	0.07	6.59	-1.11	0.14	
M74BGJ	7.18	0.43	0.17	7.29	0.08	0.48	7.18	0.27	0.00	6.94	0.44	0.15	6.80	0.08	0.27	
MEXFBK	7.13	0.03	1.68	7.27	-0.24	2.39	7.10	-0.55	0.00	6.77	-0.64	1.52	6.63	-0.88	1.56	
NDD2DV				7.37	0.95	0.63				7.15	1.67	1.35	7.09	1.72	0.95	
NU2ERM	7.12	-0.05	1.02	7.28	-0.12	1.04	7.11	-0.41	1.83	6.95	0.46	1.07	6.83	0.27	0.63	
PNEQTB	7.20	0.56	0.00	7.40	1.34	0.00	7.30	1.51	0.00	7.00	0.78		6.90	0.65	0.00	
QNUCY7	6.97	-1.31	1.68	7.17	-1.42	2.39	7.07	-0.89	3.01	6.73	-0.84	1.52	6.63	-0.88	1.56	
TBXZM6	6.88	-2.00	1.75	7.12	-2.02	2.53	6.94	-2.19	0.52	6.61	-1.57	1.30	6.47	-1.81	1.78	
UQNHVZ	7.16	0.27	0.17	7.30	0.20	0.24	7.20	0.51	0.30	6.87	-0.01	0.00	6.79	0.02	0.00	
UWRBZ4	7.13	0.00	0.77	7.38	1.11	0.00	7.26	1.10	0.00	6.91	0.23	0.00	6.77	-0.08	0.16	
V9JBED	7.13	0.00	1.01	7.33	0.51	0.00	7.13	-0.27	1.31	6.88	0.07	0.93	6.78	-0.02	0.16	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	7.13	7.29	7.15	6.87	6.79	
Median Abs Dev	0.07	0.04	0.04	0.10	0.09	
Avg Within Lab SD	0.03	0.02	0.02	0.04	0.04	
Labs Included	23	24	23	24	24	
Labs Reporting	23	24	23	24	24	



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Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305		
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
JGYWFT	7.01		1.00	7.26		1.00	7.12		1.00	6.70		0.77	6.63		0.38
NDD2DV										7.20		1.19	7.21		1.36
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	7.01			7.26			7.12			6.95			6.92		
Median Abs Dev															
Avg Within Lab SD	0.04			0.01			0.04			0.03			0.09		
Labs Included	1			1			1			2			2		
Labs Reporting	1			1			1			2			2		



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
CH8YY6	7.56	-0.07	0.00	7.84	1.86	0.44	7.80	0.00	0.00	7.58	0.00	0.27	7.46	0.00	0.00	
GJB6AM	7.57	0.07	0.88	7.77	-0.70	1.52	7.75	-1.63	0.55	7.55	-0.51	0.00	7.44	-0.23	1.36	
HQKZK8	7.62	1.19	1.76	7.80	0.35	1.32	7.81	0.33	1.97	7.64	1.15	2.09	7.61	2.10	1.36	
K3RK26	7.46	-2.05	0.58	7.79	0.00	0.76	7.76	-1.20	0.84	7.53	-0.95	0.71	7.39	-0.96	0.94	
V9JBED	7.56	0.00	0.88	7.78	-0.47	0.44	7.81	0.22	0.32	7.62	0.76	0.27	7.47	0.09	0.63	
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	7.56			7.79			7.80			7.58			7.46			
Median Abs Dev	0.00			0.01			0.01			0.04			0.02			
Avg Within Lab SD	0.02			0.01			0.02			0.02			0.02			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	6.82		0.66	6.92		0.31	6.73		0.27	6.41		0.26	6.43		0.64	
GJB6AM	6.90		0.74	6.99		1.35	6.84		0.95	6.68		0.75	6.65		1.10	
LN88KP	6.88		0.86	6.95		1.35	6.82		1.67	6.53		1.56	6.56		1.27	
VKDLP6	6.90		1.51	6.88		0.53	6.72		0.48	6.50		0.98	6.46		0.87	
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	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		6.89			6.94			6.78			6.52			6.51		
Median Abs Dev																
Avg Within Lab SD		0.02			0.02			0.02			0.04			0.02		
Labs Included		4			4			4			4			4		
Labs Reporting		4			4			4			4			4		



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
89JGEV				6.39		1.36	6.34		0.38	6.08		1.67	6.04		1.19	
NUNMY7	6.50			6.50			6.33		1.67	6.30		0.00	6.23		1.25	
XWE9J7	6.45		1.00	6.49		0.39	6.34		0.25	6.21		0.46	6.12		0.12	
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	6.48			6.49			6.34			6.21			6.12			
Median Abs Dev																
Avg Within Lab SD	0.01			0.01			0.07			0.01			0.05			
Labs Included	2			3			3			3			3			
Labs Reporting	2			3			3			3			3			



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	51.7	-0.54	0.33	175.4	-0.51	1.62	1.7	-0.33	1.17	120.1	-0.23	0.64	180.8	-1.40	1.37	
4PLP82	55.4	-0.13	0.05	171.0	-0.76	0.78				117.0	-0.47	0.15	241.0	-0.02	0.45	
4PLP8R	58.0	0.16	0.43	170.7	-0.78	0.65	1.5	-0.36	0.16	111.7	-0.89	0.88	239.0	-0.06	0.49	
6PTJ2J	45.1	-1.27	1.30	114.3	-4.01X	0.14	6.7	0.81	4.39	88.5	-2.71	0.82	130.6	-2.55	0.33	
7DJYMW	63.4	0.77	0.25	191.0	0.38	0.16	1.4	-0.40	0.19	136.4	1.05	0.34	271.1	0.67	1.27	
89JGEV	65.2	0.96	0.56	186.1	0.10	0.43	2.9	-0.05	0.61	131.7	0.68	0.35	283.0	0.95	1.20	
8YX9ZY	64.6	0.90	4.71	162.2	-1.27	2.86	4.6	0.33	1.04	110.3	-1.00		249.5	0.18	2.34	
92GHPQ	58.6	0.23	0.28	188.8	0.26	0.49	8.4	1.20	0.79	127.5	0.36	0.36	283.6	0.96	0.17	
AANL9U	68.5	1.34	1.98	209.1	1.41	0.59	4.1	0.23	1.87	162.1	3.07X	3.17	318.1	1.75	1.30	
AGRHYM	61.3	0.54	1.20	186.0	0.09	0.71	1.7	-0.32	0.92	131.7	0.68	0.60	273.3	0.72	0.90	
BFNJV4	58.3	0.20	0.14	184.7	0.02	0.28	5.6	0.56	1.40	127.6	0.36	0.17	268.9	0.62	0.11	
BTW6GH	61.3	0.54	0.04	183.6	-0.04	0.28	12.8	2.21	0.30	128.7	0.45	0.12	264.1	0.51	0.06	
CH8YY6	62.1	0.62	0.18	180.1	-0.24	0.84	2.8	-0.06	0.34	127.5	0.36	0.37	262.4	0.47	0.16	
DNVYW W	42.8	-1.53	0.09	206.5	1.27	0.06	7.4	0.98	0.22	126.2	0.25	0.04	208.0	-0.77	0.10	
DTN69D	59.8	0.37	0.15	181.7	-0.15	0.52	1.9	-0.27	0.09	124.7	0.13	0.17	264.7	0.53	0.22	
E39QVM	39.6	-1.90	0.28	184.8	0.03	0.38	5.2	0.48	0.27	71.9	-4.01X	0.52	183.5	-1.33	1.38	
FNQ3J4	63.7	0.80	0.50	190.3	0.34	0.58	2.4	-0.16	0.36	135.0	0.94	0.26	264.7	0.53	1.49	
GJB6AM	56.5	0.00	0.05	169.4	-0.85	0.03	1.1	-0.45	0.07	100.0	-1.80	4.24	195.1	-1.07	0.00	
GPXXKL	46.0	-1.18		214.3	1.71	0.77	11.7	1.94	0.41	116.3	-0.52	0.23	220.7	-0.48	0.39	
GWF4JE	53.7	-0.32	0.30	181.4	-0.17	0.26	2.7	-0.09	0.22	115.5	-0.59	0.27	240.8	-0.02	0.39	
HQKZK8	56.4	-0.01	1.10	197.0	0.72	0.21	7.1	0.91	0.92	136.8	1.09	0.21	223.7	-0.41	1.25	
J3VQ6U	43.8	-1.42	0.39	197.2	0.73	0.72	12.6	2.16	1.24	117.5	-0.43	0.91	201.0	-0.94	0.73	
K2GNP9	50.3	-0.69	1.11	227.3	2.46	0.59	20.7	4.00X	1.64	143.5	1.61	1.27	266.6	0.57	1.22	
K3RK26	58.7	0.24	0.02	177.5	-0.39	0.22	2.3	-0.18	0.36	126.3	0.26	0.46	251.8	0.23	0.19	
KACN98	45.3	-1.25	0.19	194.8	0.60	0.56	10.8	1.75	1.64	122.7	-0.03	0.23	206.0	-0.82	0.10	



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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	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KH44WC	48.6	-0.89	1.37	165.7	-1.06	1.00	1.4	-0.39	0.70	110.6	-0.98	0.81	181.3	-1.39	1.41
KPNXDH	52.0	-0.51	0.86	197.1	0.73	0.35	2.7	-0.10	1.93	114.8	-0.65	1.36	208.3	-0.77	1.05
KRVFBD	50.6	-0.66	1.87	219.0	1.98	1.89	3.4	0.05	1.21	124.0	0.08	1.70	236.0	-0.13	0.70
KTKQ37	59.7	0.35	0.19	173.3	-0.63	1.48	10.3	1.63	0.86	126.7	0.29	0.86	276.7	0.80	1.48
LN88KP	47.3	-1.03	1.16	185.3	0.06	0.71	2.3	-0.20	0.22	112.0	-0.86	1.13	186.0	-1.28	1.12
M74BGJ	59.6	0.34	0.17	164.0	-1.16	0.47	1.5	-0.37	0.14	107.8	-1.19	0.13	239.7	-0.05	0.98
MD4CZY	62.0	0.61	0.16	183.0	-0.08	0.26	5.8	0.61	0.30	121.3	-0.13	0.23	266.0	0.56	0.17
MEXFBK	59.2	0.30	0.91	178.3	-0.34	1.27	2.6	-0.13	0.30	123.0	0.00	1.56	260.7	0.43	1.72
NDD2DV	53.5	-0.34	0.75	265.3	4.63X	1.31	3.7	0.12	0.16	155.0	2.51	2.41	267.3	0.59	1.26
NU2ERM	48.6	-0.89	0.88	119.3	-3.72X	0.37	11.7	1.96	0.96	120.6	-0.19	0.79	105.5	-3.13X	0.10
QNUCY7	52.2	-0.48	0.59	216.4	1.83	0.69	6.8	0.84	1.08	138.3	1.20	0.53	237.3	-0.10	0.62
QT4KAA	47.6	-1.00	0.95	198.4	0.80	0.87	123.1	27.30X	6.42	123.1	0.01	0.68	227.4	-0.33	0.04
RE6U96	59.6	0.34	0.51	170.3	-0.80	0.41	2.4	-0.16	0.16	118.7	-0.34	0.43	276.0	0.79	0.10
TBXZM6	63.4	0.77	1.43	194.6	0.59	1.75	6.6	0.78	1.60	135.5	0.98	1.90	285.3	1.00	2.32
UDFJ3T	54.6	-0.22	0.15	169.3	-0.86	0.07	2.1	-0.24	0.14	118.0	-0.39		236.7	-0.12	0.54
UQNHVZ	44.0	-1.40	0.79	184.0	-0.02	0.46	4.1	0.22	0.14	110.3	-0.99	0.09	196.0	-1.05	0.42
UWRBZ4	55.4	-0.12	0.14	172.5	-0.68	0.84	1.8	-0.30	0.06	119.3	-0.29	0.09	242.5	0.02	0.25
V9JBED	45.2	-1.26	0.42	194.5	0.58	0.50	9.7	1.50	0.54	102.7	-1.60	0.43	184.0	-1.33	0.95
VBC4AV	60.2	0.41	0.20	181.4	-0.17	0.38	2.8	-0.08	0.30	127.8	0.37	0.28	258.1	0.37	0.91
VE9P4J	57.3	0.08	0.26	182.2	-0.12	0.06	2.1	-0.23	0.10	119.3	-0.29	0.04	267.2	0.58	0.14
VKDLP6	41.1	-1.72	0.04	201.0	0.95	0.07	13.7	2.40	0.08	110.4	-0.99	0.06	219.1	-0.52	0.03
VTVZRB	59.3	0.31	0.00	173.2	-0.64	0.00	2.4	-0.16	0.00	124.1	0.09	0.00	227.4	-0.33	0.00
X6UPD2	54.7	-0.21		175.0	-0.54		14.6	2.61		120.5	-0.20		252.5	0.25	
XZJUDX	57.4	0.10	0.15	190.5	0.35	0.07	4.4	0.28	0.11	133.9	0.85	0.40	232.5	-0.21	0.15
Y2TYT8	66.3	1.09	1.24	154.5	-1.71	3.89	1.5	-0.37	0.48	125.7	0.21	0.94	294.9	1.22	2.58
YHWHK4	66.2	1.08	0.21	191.2	0.39	0.17	1.4	-0.40	0.03	129.1	0.48	0.28	283.1	0.95	0.18



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups						Data units: mg/kg
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	56.5	184.4	3.13	123.0	241.7	
Median Abs Dev	4.8	10.4	1.61	6.0	25.2	
Avg Within Lab SD	3.0	7.8	0.70	6.7	10.3	
Labs Included	51	48	48	49	50	
Labs Reporting	51	51	50	51	51	



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
42VHH6	34.0	-1.58	1.39	108.7	-1.09	1.48	3.7	-0.91	1.14	72.3	-0.88	1.33	141.3	-0.98	0.29	
66DYDV	51.3	0.00	1.09	149.3	0.00	0.78	3.3	-1.02	0.49	104.3	0.00	0.53	204.2	0.00	0.71	
92GHPQ	64.3	1.19	0.57	194.2	1.20	1.25	7.2	0.00	1.20	136.8	0.90	1.52	278.5	1.15	1.02	
PNEQTB	49.0	-0.21	0.39	145.0	-0.11	0.26	8.0	0.21		67.0	-1.03	0.53	138.0	-1.03	0.38	
WMVAHG	55.7	0.40	1.18	185.3	0.97	0.75	12.0	1.24		124.7	0.56	0.61	218.0	0.21	1.80	
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	51.3			149.3			7.20			104.3			204.2			
Median Abs Dev	4.4			36.1			3.53			32.0			62.8			
Avg Within Lab SD	2.6			3.8			0.51			1.9			5.3			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305		
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
32TGUX	1.1		0.34	2.2		0.08	0.4		0.02	1.6		0.02	4.2		0.70
L2TKUD	58.5		1.37	124.9		1.41	172.8		1.41	145.8		1.41	5.7		1.23
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	29.8			63.5			86.6			73.7			4.96		
Median Abs Dev															
Avg Within Lab SD	0.3			1.4			2.1			3.8			0.13		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg					
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305			
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	
92GHPQ	60.0		1.00	179.4		1.00	7.8		1.00	124.5			257.6						1.00

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg			
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305	
Grand Median	60.0			179.4			7.75			124.5			257.6				
Median Abs Dev	0.3			3.1			0.27			0.0			0.0				
Avg Within Lab SD	0.3			3.1			0.27			0.0			0.0				
Labs Included	1			1			1			1			1				
Labs Reporting	1			1			1			1			1				



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	17.04	-0.19	1.35	8.05	0.38	2.30	14.34	0.00	1.72	6.63	-0.43	1.19	10.51	-0.68	1.07
32TGUX	0.27	-4.07X	0.03	0.20	-2.92X	0.01	0.29	-1.83	0.03	0.02	-4.18X	0.01	0.77	-4.22X	0.04
7DJYMW	30.14	2.84X	0.08	17.20	4.23X	0.50	27.29	1.69	0.32	17.81	5.89X	0.51	23.58	4.06X	0.20
89JGEV	17.87	0.00	0.44	6.27	-0.37	2.09	20.30	0.78	1.71	7.27	-0.08	0.65	14.10	0.62	1.19
92GHPQ	21.55	0.85	1.51	6.85	-0.12	0.17	10.88	-0.45	1.02	6.84	-0.32	0.06	12.85	0.17	0.44
AGRHYM	24.47	1.53	2.32	8.02	0.37	0.55	17.43	0.40	0.47	7.77	0.21	0.17	14.60	0.80	1.82
BFNJV4	27.34	2.19	0.18	13.48	2.67	0.21	21.27	0.90	0.49	13.43	3.41X	1.26	18.86	2.35	0.38
BTW6GH	21.07	0.74	0.08	7.48	0.14	0.08	7.75	-0.86	0.10	7.40	0.00	0.14	13.20	0.30	0.15
CH8YY6	19.60	0.40	0.25	6.90	-0.10	0.08	21.31	0.91	1.28	6.87	-0.30	0.31	12.39	0.00	0.22
DNVYW W	15.77	-0.49	0.24	12.90	2.42	0.26	15.00	0.09	0.16	9.30	1.08	0.22	12.77	0.14	0.48
DTN69D	23.50	1.30	0.34	9.58	1.03	0.66	21.10	0.88	0.43	9.55	1.22	1.48	15.90	1.28	0.83
E39QVM	19.18	0.30	0.32	10.14	1.26	0.83	15.18	0.11	0.51	8.29	0.51	0.89	11.65	-0.27	0.47
FNQ3J4	20.50	0.61	3.09	8.10	0.41	1.37	14.87	0.07	2.84	8.33	0.53	0.34	14.70	0.84	0.57
GJB6AM	21.93	0.94	0.58	7.11	-0.01	0.17	15.64	0.17	0.16	7.41	0.00	0.07	12.46	0.03	0.08
GPXXKL	20.70	0.66	0.43	10.90	1.58	0.26	11.67	-0.35	0.50	9.97	1.45	0.79	17.73	1.94	1.05
GWF4JE	19.50	0.38	0.81	7.30	0.07	0.52	18.40	0.53	0.90	7.20	-0.11	0.81	12.80	0.15	0.50
HQKZK8	3.31	-3.37X	0.25	1.89	-2.20	0.23	3.42	-1.43	0.57	2.42	-2.82	0.25	2.64	-3.54X	0.48
K3RK26	16.33	-0.35	0.05	5.53	-0.67	0.15	14.43	0.01	0.41	5.30	-1.19	0.00	10.23	-0.78	0.61
KACN98	17.75	-0.03	0.20	5.27	-0.79	0.15	3.37	-1.43	0.75	5.77	-0.92	0.23	10.98	-0.51	0.31
KRVFBD	18.43	0.13	0.80	6.67	-0.20	1.33	13.97	-0.05	1.08	8.30	0.51	2.81	11.13	-0.46	2.09
LN88KP	13.97	-0.90	1.12	7.07	-0.03	1.52	13.73	-0.08	1.06	7.70	0.17	1.92	10.93	-0.53	0.98
M74BGJ	19.43	0.36	0.66	7.17	0.01	0.79	10.80	-0.46	0.28	8.60	0.68	0.67	13.37	0.36	0.72
MEXFBK	0.43	-4.04X	0.02	0.30	-2.87X	0.03	0.39	-1.82	0.04	0.31	-4.01X	0.03	0.35	-4.37X	0.04
NDD2DV	15.83	-0.47	2.03	7.93	0.34	3.09	18.70	0.57	3.13	7.53	0.08	2.81	12.67	0.10	3.41
RE6U96	21.50	0.84	0.19	9.33	0.92	0.15	15.30	0.13	0.16	7.70	0.17	0.22	13.00	0.22	0.50



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
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	
UQNHVZ	13.40	-1.03	1.01	6.29	-0.35	0.39	11.07	-0.43	0.62	5.87	-0.87	0.27	9.17	-1.17	0.72	
UWRBZ4	14.05	-0.88	0.08	5.22	-0.81	0.26	13.35	-0.13	0.12	4.62	-1.57	0.22	7.80	-1.67	0.42	
V9JBED	17.04	-0.19	0.72	8.31	0.49	0.95	3.52	-1.41	0.30	4.76	-1.50	0.29	9.41	-1.08	0.73	
VE9P4J	16.56	-0.30	0.09	7.09	-0.02	0.16	21.88	0.98	0.14	7.40	0.00	0.18	11.72	-0.24	0.17	
VKDLP6	11.45	-1.49	0.26	5.62	-0.64	0.57	0.02	-1.87	0.00	5.49	-1.08	0.18	7.82	-1.66	0.12	
VTVZRB	17.40	-0.11	0.00	6.37	-0.32	0.00	9.52	-0.63	0.00	6.30	-0.62	0.00	10.80	-0.58	0.00	
XZJUDX	16.01	-0.43	0.18	5.12	-0.85	0.67	11.92	-0.32	0.63	6.75	-0.37	1.45	11.08	-0.48	0.57	
YHWHK4	11.60	-1.45	0.25	8.69	0.65	0.47	18.19	0.50	0.24	8.78	0.78	0.37	11.89	-0.18	0.37	

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	17.9			7.14			14.3			7.40			12.4			
Median Abs Dev	2.1			0.94			3.9			0.90			1.4			
Avg Within Lab SD	1.1			0.39			0.6			0.45			0.5			
Labs Included	29			30			33			29			29			
Labs Reporting	33			33			33			33			33			



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

Data units: mg/kg

WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	36.4	-1.63	1.47	61.9	-1.36	2.19	61.9	-1.72	0.38	19.2	-1.57	0.58	24.4	-1.64	2.28
32TGUX	136.6	11.65X	1.75	262.9	14.32X	3.91	95.7	0.71	0.47	42.3	2.07	2.17	129.1	19.06X	4.06
6WH2J2	46.4	-0.30	0.01	82.6	0.25	0.01	76.2	-0.69	0.00	24.8	-0.69	0.01	27.4	-1.06	0.01
92GHPQ	82.3	4.46X	0.21	92.0	0.98	0.98	97.5	0.85	0.25	39.7	1.65	0.27	53.8	4.16X	0.94
96HQU2	49.3	0.09	2.21	73.3	-0.47	2.36	74.7	-0.80	2.38	25.7	-0.55	1.96	29.7	-0.61	1.21
AANL9U										10.8	-2.90X	0.86	16.8	-3.15	0.61
E39QVM	47.9	-0.10	0.70	79.4	0.00	0.50	75.9	-0.71	0.22	25.7	-0.54	0.75	30.7	-0.41	0.73
FNQ3J4	116.8	9.02X	3.21	231.2	11.85X	6.22	87.3	0.11	2.24	47.5	2.89X	1.67	104.2	14.13X	2.61
GJB6AM	55.9	0.95	2.03	57.6	-1.70	0.97	69.7	-1.16	0.00	35.4	0.99	0.09	36.1	0.67	0.46
GPXXKL	58.3	1.28	0.84	82.7	0.25	0.76	82.7	-0.22	0.53	33.0	0.60	0.94	34.3	0.32	0.46
J3VQ6U	48.0	-0.09	0.55	73.3	-0.47	0.29	77.0	-0.63	0.61	27.3	-0.29	0.54	33.7	0.19	0.46
JU2LBT	44.5	-0.55	0.30	75.3	-0.32	0.24	99.3	0.98	0.40	28.1	-0.17	0.58	30.0	-0.53	0.62
K2GNP9	45.3	-0.44	0.32	78.0	-0.11	0.86	75.0	-0.78	0.35	27.3	-0.29	0.54	32.7	-0.01	2.00
K3RK26	55.7	0.93	0.06	80.1	0.05	0.60	85.8	0.00	0.99	28.1	-0.17	0.38	34.4	0.34	0.09
KRVFBD	52.8	0.54	0.64	88.0	0.67	1.70	86.4	0.05	2.44	29.4	0.03	1.75	32.2	-0.10	0.76
LN88KP	44.0	-0.62	1.09	67.3	-0.94	1.75	85.0	-0.06	1.75	21.0	-1.29	1.88	28.0	-0.93	2.39
M74BGJ	49.3	0.09	0.84	83.0	0.28		83.3	-0.18	0.20	26.3	-0.45	1.09	31.0	-0.34	
NDD2DV	62.5	1.83	0.68	94.6	1.19	0.41	96.3	0.76	1.42	35.3	0.96	1.40	40.7	1.58	0.33
NU2ERM	53.9	0.70	0.95	91.2	0.92	0.10	92.9	0.51	0.90	36.2	1.11	1.12	38.3	1.10	1.03
PJLM4D	45.0	-0.48	1.39	75.0	-0.34	0.39	95.5	0.70	0.58	31.9	0.43	0.45	32.7	0.00	0.73
PNEQTB	47.0	-0.22	1.09	80.0	0.05	0.50	81.7	-0.30	0.53	29.7	0.08	0.54	31.7	-0.21	0.46
QNUCY7	53.3	0.62	0.84	86.0	0.51	1.00	90.7	0.35	0.20	29.0	-0.03	0.94	33.3	0.12	0.92
R4FAJY	46.0	-0.36	1.03	74.7	-0.37	0.56	100.5	1.06	0.17	34.0	0.76	0.52	34.9	0.42	0.32
RE6U96	52.8	0.55	0.59	69.2	-0.79	0.80	75.3	-0.75	0.23	25.7	-0.54	0.38	34.2	0.29	0.35
TBXZM6	59.8	1.47	0.18	113.1	2.63	0.98	111.5	1.86	0.55	33.1	0.62	0.52	36.8	0.80	1.58
TJR6F7	45.9	-0.37	1.41	76.6	-0.22	0.97	88.4	0.19	0.94	31.8	0.41	1.07	33.3	0.11	0.22



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TQBDZW	46.0	-0.35	0.95	74.5	-0.38	0.86	78.0	-0.56		26.2	-0.48	0.54	29.8	-0.57	0.61	
UQNHVZ	54.3	0.75	0.62	86.4	0.55	0.26	101.0	1.10		32.1	0.45	0.94	33.0	0.05		
V9JBED	58.9	1.35	0.18	100.1	1.61	0.61	88.3	0.18	0.22	35.0	0.92	0.90	37.8	1.00	0.12	
VKDLP6	42.0	-0.88	0.95	69.3	-0.79	0.29	63.7	-1.59	0.20	24.3	-0.76	0.54	24.3	-1.66	0.46	
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	48.7			79.4			85.8			29.2			32.7			
Median Abs Dev	4.2			6.1			9.7			3.5			2.1			
Avg Within Lab SD	1.8			2.0			2.9			1.1			1.3			
Labs Included	26			27			29			28			27			
Labs Reporting	29			29			29			30			30			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32TGUX	136.6	31.77X	2.80	262.9	23.25X	3.96	95.7	1.47	0.43	42.3	5.63X	2.68	129.1	13.74X	5.55	
4PXMV	39.4	-0.20	0.08	72.7	1.23	0.44	98.2	1.63	0.12	25.8	0.15	0.21	35.1	0.19	0.18	
7WWPJ8	42.3	0.77	0.08	64.7	0.31	0.19	77.3	0.31	1.11	25.5	0.06	0.43	37.1	0.48	0.31	
8T69HX										25.2	-0.06	0.31	34.6	0.11	0.41	
8YX9ZY	39.9	-0.01	2.35	63.3	0.15	1.76	67.6	-0.30	1.21	24.3	-0.36	1.07	27.3	-0.95	1.52	
92ZC3L	40.0	0.00	1.10	53.1	-1.04	0.74	62.1	-0.65	0.19	28.5	1.03	1.60	34.7	0.13	1.26	
9T78AK	42.1	0.70	0.43	68.0	0.69	0.55	75.1	0.17	0.31	25.8	0.16	1.01	37.8	0.58	1.03	
EDCN4W	48.5	2.80	0.84	61.1	-0.11	1.04	69.7	-0.17	0.22	23.6	-0.59	1.58	33.1	-0.11	1.24	
GWF4JE	37.3	-0.88	0.54	46.0	-1.85	0.86	65.6	-0.42	0.95	20.4	-1.65	0.84	20.4	-1.94	1.41	
K3RK26	39.0	-0.33	0.10	56.1	-0.69	0.43	60.1	-0.78	0.64	19.7	-1.89	0.34	24.1	-1.40	0.13	
VBC4AV	41.1	0.38	1.02	62.0	0.00	1.68	85.6	0.84	2.37	27.7	0.79	1.28	27.8	-0.87	1.09	

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	40.0			62.0			72.4			25.4			33.8			
Median Abs Dev	1.2			5.9			8.5			1.4			3.7			
Avg Within Lab SD	1.1			2.0			3.1			0.9			0.9			
Labs Included	9			9			10			10			10			
Labs Reporting	10			10			10			11			11			



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	23.7	0.51	0.75	39.4	0.31	1.76	31.3	1.16	1.65	13.5	-0.22	0.85	24.9	1.02	1.41	
2KXFNV	16.4	-1.36	1.01	34.0	-0.52	0.68	22.4	-0.85	0.82	13.1	-0.39	0.60	16.1	-1.12	0.65	
42VHH6	21.0	-0.19		35.3	-0.32	1.01	24.7	-0.35	1.13	12.0	-0.88	1.96	18.3	-0.57	0.94	
4PLP8R	21.0	-0.18	0.77	33.5	-0.61	0.76	23.3	-0.66	0.95	13.3	-0.32	0.30	19.8	-0.21	0.61	
4PXMV	27.5	1.47	0.09	44.3	1.07	0.38	29.3	0.71	0.33	15.9	0.87	0.13	26.8	1.47	0.32	
66DYDV	24.4	0.68	0.64	39.7	0.35	0.40	27.9	0.39	1.57	15.9	0.84	0.82	21.9	0.29	1.34	
7DJYMW	37.3	4.00X	0.22	57.1	3.04X	0.85	36.4	2.31	0.78	22.1	3.59X	1.89	33.6	3.12	0.56	
7WWPJ8	25.5	0.96	0.51	33.5	-0.60	0.14	28.4	0.51	0.25	12.6	-0.61	0.17	23.2	0.61	0.10	
8T69HX	23.2	0.38	0.23	37.7	0.04	0.11	22.2	-0.90	0.18							
92ZC3L	29.3	1.93	0.39	44.0	1.02	0.08	31.7	1.25	0.02	20.6	2.95	0.05	28.7	1.94	0.07	
9T78AK	25.1	0.86	1.91	37.6	0.03	0.16	31.9	1.29	0.46	14.5	0.23	0.71	25.8	1.23	0.13	
AANL9U	16.2	-1.41	0.94	27.6	-1.52	0.64	19.1	-1.61	0.71							
E39QVM	17.1	-1.19	0.13	32.7	-0.73	0.19	23.4	-0.63	0.36	13.2	-0.35	0.04	16.8	-0.95	0.63	
EDCN4W	22.6	0.22	0.21	37.2	-0.03	0.12	23.2	-0.69	0.19	12.8	-0.52	0.31	21.0	0.07	0.10	
FNQ3J4	25.1	0.86	2.11	43.7	0.97	0.87	28.2	0.45	1.76	16.1	0.93	1.43	22.8	0.51	1.83	
GJB6AM	20.9	-0.21	0.75	33.7	-0.58	0.43	23.7	-0.57	0.32	13.8	-0.09	1.16	20.5	-0.05	0.24	
GPXXKL	22.3	0.16	0.55	43.0	0.86	0.66	28.0	0.41		16.0	0.90		19.7	-0.25	0.47	
GWF4JE	21.5	-0.07	1.73	27.3	-1.57	0.80	24.5	-0.39	1.48	14.3	0.13	0.56	19.4	-0.32	0.91	
J3VQ6U	18.1	-0.92	0.22	38.1	0.10	0.73	25.3	-0.21	0.25	12.0	-0.89	0.06	16.0	-1.14		
K2GNP9	21.7	-0.01	0.55	39.3	0.30	0.76	23.3	-0.65	1.13	14.7	0.31	0.57	20.0	-0.17		
K3RK26	20.9	-0.20	0.73	35.6	-0.28	1.47	25.9	-0.07	1.44	12.7	-0.57	0.43	19.1	-0.39	0.14	
KH44WC	18.0	-0.95	2.41	30.1	-1.13	2.50	23.3	-0.66	2.28	13.3	-0.29	0.67	17.1	-0.88	1.83	
KPNXDH	18.0	-0.95	0.47	37.4	0.00	1.22	26.2	-0.01	0.19	11.7	-1.03	0.97	16.1	-1.12	0.23	
KRVFBD	21.0	-0.19	2.98	41.3	0.60	2.55	26.8	0.14	1.02	14.6	0.28	1.86	20.0	-0.18	2.00	
KTKQ37	27.7	1.52	0.55	36.0	-0.22	0.66	28.0	0.41		17.0	1.34		24.0	0.80		
L2TKUD	22.3	0.14	0.22	34.5	-0.45	0.14	22.9	-0.75	0.92	13.4	-0.27	0.26	20.9	0.06	0.64	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
M74BGJ	19.3	-0.61	0.55	43.0	0.86	0.66	22.7	-0.80	0.56	14.3	0.16	0.57	20.0	-0.17		
MD4CZY	24.7	0.75	0.55	37.0	-0.07	0.66	27.3	0.26	0.56	14.7	0.31	0.57	22.3	0.40	0.47	
MEXFBK	25.7	1.01	0.55	42.7	0.81	0.38	30.7	1.01	0.56	14.3	0.16	3.97	21.0	0.07	3.26	
NDD2DV	22.1	0.09	1.11	45.2	1.21	0.55	26.2	0.01	1.42	15.2	0.56	0.83	22.0	0.31	0.45	
NU2ERM	20.6	-0.28	0.71	38.0	0.09	1.36	27.7	0.35	1.05	14.0	0.00	0.58	19.2	-0.37	0.21	
PNEQTB	29.0	1.86		50.0	1.95		40.3	3.21X	0.56	20.3	2.82	0.57	24.0	0.80		
QT4KAA	17.3	-1.14	1.10	36.4	-0.16	1.04	24.6	-0.36	1.27	12.9	-0.46	0.46	17.4	-0.81	0.57	
RE6U96	18.8	-0.76	0.31	28.4	-1.39	0.55	20.1	-1.38	1.19	10.8	-1.41	0.35	18.8	-0.47	0.26	
UDFJ3T	23.7	0.50	1.10	72.7	5.45X	1.38	26.3	0.03	1.13	30.3	7.27X	1.13	40.7	4.83X	1.24	
UKYUB3	26.5	1.22	0.69	42.7	0.81	1.62	32.5	1.43	0.26	17.0	1.35	0.33	26.5	1.40	0.39	
UQNHVZ	21.4	-0.07	0.40	43.8	0.99	0.77	27.5	0.30	0.43	14.3	0.14	0.55	21.1	0.11	0.58	
UWRBZ4	24.9	0.81	0.72	41.5	0.63	0.19	27.4	0.27	0.36	14.2	0.11	0.12	23.9	0.78	0.10	
V9JBED	22.2	0.11	0.89	51.2	2.13	0.68	30.0	0.87	0.47	11.6	-1.06	0.30	26.6	1.42	0.28	
VBC4AV	20.2	-0.40	1.05	33.0	-0.69	2.23	23.0	-0.73	1.24	13.1	-0.39	1.03	19.0	-0.41	1.60	
VKDLP6	20.7	-0.27	0.55	43.3	0.91	0.38	28.7	0.56	0.56	14.0	0.01		16.7	-0.98	0.47	
X6UPD2	16.9	-1.24		32.9	-0.70		27.9	0.39		11.4	-1.15		18.6	-0.51		
XZJUDX	23.8	0.52	0.38	36.5	-0.15	0.69	20.8	-1.23	1.80	13.6	-0.19	1.11	22.0	0.32	0.51	
Y2TYT8	21.8	0.01	0.22	34.1	-0.51	1.05	22.3	-0.88	1.08	15.3	0.60	0.78	20.9	0.05	1.50	
YHWHK4	19.8	-0.50	0.37	32.6	-0.74	0.03	22.7	-0.79	0.28	10.4	-1.59	0.19	18.6	-0.52	0.15	

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	21.7			37.4			26.2			14.0			20.7			
Median Abs Dev	2.2			3.9			2.8			1.0			2.1			
Avg Within Lab SD	1.0			1.5			1.0			1.0			1.2			
Labs Included	44			43			44			41			42			
Labs Reporting	45			45			45			43			43			



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
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
NUNMY7	6.0		1.00	22.2		1.00	9.2		1.00	1.2		1.00	3.7		1.00			

PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
Grand Median	6.00			22.2			9.17			1.17			3.67					
Median Abs Dev																		
Avg Within Lab SD	1.32			1.0			0.29			0.76			1.04					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305		
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
4PLP8R	38.9		1.33	52.4		1.21	63.5		1.37	21.3		0.54	25.6		0.98
KTKQ37	45.3		0.48	54.0		0.73	63.0		0.37	24.0		1.31	28.7		1.02
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	42.1			53.2			63.3			22.7			27.1		
Median Abs Dev															
Avg Within Lab SD	1.2			1.4			2.7			0.8			0.6		
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	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	160.7	0.10	2.53	286.0	0.18	2.17	83.5	-0.86	0.27	40.3	-0.59	1.24	140.0	0.66	2.54
K2GNP9	157.7	-0.10	0.88	271.0	-0.25	0.50	92.3	-0.21	1.00	47.0	0.19	1.85	116.7	-0.57	0.66
K3RK26	153.4	-0.38	0.41	242.9	-1.06	0.17	87.7	-0.55	0.73	36.5	-1.03	0.44	108.5	-1.00	0.37
KRVFBD	169.3	0.66	0.53	306.0	0.75	0.17	101.7	0.48	1.19	45.9	0.06	1.33	133.1	0.30	0.64
M74BGJ	145.7	-0.89	0.42	273.7	-0.18	0.11	106.3	0.82	0.47	56.0	1.24	0.30	128.0	0.03	0.21
NDD2DV	192.3	2.17	0.34	333.7	1.55	1.71	109.3	1.05	2.11	56.1	1.25	0.16	156.7	1.54	0.72
UQNHVZ	166.7	0.49	0.08	306.7	0.77	0.15	98.0	0.21	0.27	44.9	-0.06	0.02	127.0	-0.03	0.12
VKDLP6	150.0	-0.60	0.25	257.0	-0.66	0.07	78.7	-1.22	0.47	37.0	-0.98		103.3	-1.27	0.07

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	159.2			279.9			95.2			45.4			127.5		
Median Abs Dev	8.3			24.5			9.3			6.7			11.7		
Avg Within Lab SD	6.8			14.1			3.2			3.3			8.4		
Labs Included	8			8			8			8			8		
Labs Reporting	8			8			8			8			8		



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
42VHH6	16.7	2.23	0.82	31.3	1.58	1.78	7.7	0.44	0.69	15.0	3.15X	1.19	16.0	1.96	1.24	
4PLP8R	9.7	0.26	0.87	22.7	0.06	0.70	9.3	0.92	2.03	3.0	-0.76		7.8	-0.03	0.36	
92GHPQ	8.3	-0.12	0.54	21.4	-0.16	1.27	3.4	-0.79	0.35	2.8	-0.83	0.37	7.6	-0.08	0.47	
GPXXKL	7.7	-0.31	0.82	28.7	1.11	0.67	12.7	1.89	0.69	5.3	0.00	0.69	6.3	-0.40	0.71	
HQKZK8	7.7	-0.29	0.08	22.8	0.09	0.43	8.2	0.58	0.20	6.8	0.49	0.22	8.8	0.20	0.20	
J3VQ6U	8.8	0.02	1.52	35.6	2.32	1.27	7.7	0.45	1.84	5.6	0.08	0.69	7.2	-0.18	0.28	
K2GNP9	11.7	0.82	1.63	28.3	1.05	0.67	6.3	0.05	0.69	4.7	-0.22	0.69	9.7	0.42	0.71	
KACN98	6.8	-0.54	0.41	23.3	0.18	0.34	1.7	-1.31	0.35	1.3	-1.30	0.34	1.8	-1.50	0.36	
KH44WC	13.3	1.29	0.82	16.3	-1.05	0.67	3.3	-0.82	0.69	5.7	0.11	0.69	11.3	0.82	0.71	
KRVFBD	8.7	-0.02	2.95	22.0	-0.06	1.17	6.0	-0.05	1.20	8.0	0.87	3.15	9.3	0.33	2.86	
KTKQ37	9.6	0.25	0.67	22.3	0.00	0.67	3.6	-0.75	0.32	2.8	-0.84	0.30	8.1	0.03	0.75	
LN88KP	6.1	-0.74	0.50	16.0	-1.11	0.23	5.9	-0.07	0.78	3.5	-0.59	0.30	5.3	-0.66	0.43	
MD4CZY	8.3	-0.12	0.82	22.0	-0.06	1.17	4.3	-0.53	0.69	3.3	-0.65	0.69	7.7	-0.07	0.71	
MEXFBK	14.7	1.68	0.42	21.5	-0.14	1.21	9.9	1.08	2.57	10.1	1.55	1.80	9.7	0.43	0.15	
NU2ERM	7.5	-0.35	0.49	27.2	0.85	0.79	4.1	-0.60	0.07	6.8	0.47	0.19	2.6	-1.32	0.05	
PNEQTB	17.7	2.51	0.82	49.7	4.79X	0.67	9.7	1.02	0.69	10.0	1.52	1.19	13.7	1.39	0.71	
QNUCY7	9.6	0.23	0.46	22.5	0.02	2.05	8.9	0.79	1.03	8.7	1.10	0.24	9.6	0.39	0.38	
UQNHVZ	10.4	0.46	0.22	17.9	-0.77	0.18	6.8	0.19	0.02	6.0	0.22	0.02	5.8	-0.53	0.05	
VBC4AV	5.7	-0.87	0.82	17.0	-0.93	1.17	1.3	-1.41	0.69	2.0	-1.09	1.19	2.0	-1.46	2.14	
VKDLP6	7.0	-0.49		18.3	-0.70	0.67	4.0	-0.63		3.0	-0.76		4.3	-0.89	0.71	
XZJUDX	8.6	-0.04	0.06	18.5	-0.67	0.27	6.8	0.17	0.23	6.1	0.24	0.05	8.2	0.06	0.11	
Y2TYT8	13.0	1.19	0.86	29.5	1.26	1.01	5.1	-0.30	0.14	3.9	-0.47	0.20	14.8	1.67	1.77	



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	8.75	22.3	6.17	5.33	7.97	
Median Abs Dev	1.43	4.0	2.11	2.00	1.73	
Avg Within Lab SD	0.71	0.9	0.84	0.84	0.81	
Labs Included	22	21	22	21	22	
Labs Reporting	22	22	22	22	22	



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	152.8	0.45	3.09	401.5	-0.60	1.94	71.7	-0.02	2.98	118.7	-0.26	2.51	712.7	0.66	2.16	
2KXFNV	123.5	-0.63	1.74	477.8	1.18	0.39	75.7	0.32	0.82	127.8	0.54	1.40	582.6	-0.38	1.29	
32TGUX	176.5	1.32	0.45	445.6	0.43	2.00	83.4	1.01	1.44	129.1	0.65	0.30	848.1	1.73	1.66	
42VHH6	145.3	0.17	0.47	348.0	-1.85	0.72	77.7	0.50	0.50	111.0	-0.93	0.84	630.3	0.00	0.87	
4PLP8R				430.0	0.07	1.22							703.3	0.58	1.57	
4PXMV	174.8	1.26	0.56	445.6	0.43	0.21	93.2	1.87	0.69	141.3	1.71		871.8	1.92	0.00	
66DYDV	155.0	0.53	0.32	421.0	-0.15	0.46	61.3	-0.94	0.36	117.3	-0.38	0.11	699.0	0.55	0.12	
6WH2J2	105.6	-1.29	0.00	316.3	-2.60	0.00	56.6	-1.36	0.00	101.3	-1.77	0.00	468.3	-1.29	0.00	
7DJYMW	150.5	0.36	0.39	438.6	0.27	0.39	72.2	0.01	0.02	129.3	0.67	0.77	726.6	0.77	0.53	
7WWPJ8	100.3	-1.49	0.17	229.2	-4.63X	0.13	40.2	-2.81X	0.15	70.7	-4.44X	0.04	368.5	-2.09	0.12	
8T69HX	162.6	0.81	0.49	427.4	0.00	0.23	70.9	-0.10	0.19	132.2	0.92	0.01	735.5	0.84	0.25	
8YX9ZY	152.7	0.44	0.70	393.0	-0.80	0.97	72.0	0.00	1.45	128.3	0.58	0.94	662.0	0.25	1.90	
92GHPQ	134.6	-0.22	0.42	397.6	-0.69	0.66	66.2	-0.51	0.13	115.3	-0.56	0.75	643.4	0.10	0.71	
96HQU2	104.7	-1.33	1.50	470.0	1.00	2.38	78.7	0.59	1.20	113.7	-0.70	0.90	538.7	-0.73	0.94	
9T78AK	151.3	0.39	0.33	418.3	-0.21	1.07	76.0	0.35	0.17	120.1	-0.14	0.78	690.1	0.48	0.89	
AANL9U	156.9	0.60	0.19	346.7	-1.88	0.26	94.9	2.02	0.20	127.1	0.48	0.01	553.6	-0.61	0.44	
DTN69D	140.7	0.00	0.28	411.3	-0.37	0.15	70.8	-0.10	0.11	121.7	0.00	0.11	706.7	0.61	1.48	
E39QVM	101.4	-1.45	0.30	404.2	-0.54	0.06	50.5	-1.90	0.77	80.2	-3.62X	0.15	480.1	-1.20	0.26	
EDCN4W	150.4	0.36	0.54	461.4	0.80	1.15	75.7	0.33	0.50	130.8	0.80	0.51	666.1	0.28	0.34	
FNQ3J4	149.3	0.32	1.42	452.0	0.58	2.93	71.7	-0.03	1.17	117.7	-0.35	0.38	690.7	0.48	1.00	
GPXXKL	116.3	-0.90	1.21	502.3	1.76	1.28	86.3	1.26	0.76	118.0	-0.32	1.20	561.3	-0.55	0.22	
GWF4JE	147.9	0.27	0.22	401.3	-0.61	0.49	80.5	0.75	0.14	125.8	0.36	0.27	706.8	0.61	0.20	
J3VQ6U	124.5	-0.60	0.83	428.0	0.02	1.23	64.7	-0.65	0.27	115.0	-0.58	0.32	580.0	-0.40	0.78	
JGYWFT	163.8	0.85	0.00	439.4	0.29	0.16	94.9	2.02	0.54	143.0	1.86	0.41	721.5	0.73		
JU2LBT	112.0	-1.06	0.67	430.7	0.08	0.23	66.3	-0.50	0.25	108.3	-1.16	0.28	512.3	-0.94	0.05	
K2GNP9	114.3	-0.97	1.66	453.0	0.60	0.87	67.0	-0.44	1.04	118.3	-0.29	1.77	558.0	-0.58	0.72	



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KH44WC	141.3	0.02	0.11	432.7	0.13	0.96	75.7	0.32	0.90	112.0	-0.84	0.36	495.3	-1.08	2.40	
KPNXDH	124.0	-0.62	0.56	436.7	0.22	0.88	72.7	0.06	0.45	120.7	-0.09	1.10	582.7	-0.38	0.14	
KRVFBD	114.0	-0.98	0.19	454.0	0.63	1.73	86.0	1.23	0.63	127.3	0.49	0.92	548.7	-0.65	1.19	
KTKQ37	130.0	-0.39		406.7	-0.48	0.41	66.3	-0.50	1.62	123.3	0.15	1.05	613.3	-0.14	0.26	
L2TKUD	136.8	-0.14	0.22	378.9	-1.13	0.36	68.0	-0.35	0.10	118.2	-0.30	0.24	663.8	0.27	0.16	
LN88KP	107.3	-1.23	0.65	422.7	-0.11	0.50	67.7	-0.38	0.36	109.0	-1.10	0.36	538.0	-0.74	0.54	
M74BGJ	125.2	-0.57	1.01	443.6	0.38	0.13	78.6	0.59	0.07	118.0	-0.32	0.10	605.3	-0.20	0.11	
MEXFBK	154.8	0.52	1.53	394.2	-0.77	1.39	61.1	-0.96	3.50	117.0	-0.41	3.78	647.1	0.13	0.45	
NDD2DV	147.7	0.26	3.09	542.3	2.69	1.80	87.0	1.32	2.74	141.7	1.74	2.01	679.3	0.39	2.58	
NU2ERM	114.1	-0.98	2.28	496.6	1.62	0.35	81.9	0.87	0.54	124.2	0.22	1.34	577.1	-0.42	2.92	
PJLM4D	105.3	-1.30	0.53	425.7	-0.03	0.16	66.0	-0.53	0.14	108.4	-1.15	0.43	538.0	-0.74	0.47	
PNEQTB	124.7	-0.59	0.57	433.3	0.14	0.04	72.0	0.00	0.24	106.3	-1.34	0.28	505.0	-1.00	0.04	
QNUCY7	122.0	-0.69	0.49	454.3	0.63	0.57	87.0	1.32	0.24	126.0	0.38	1.09	539.7	-0.72	0.45	
QT4KAA	29.4	-4.11X	0.01	325.6	-2.38	1.05	10.0	-5.47X		25.3	-8.40X	0.25	465.5	-1.31	0.14	
R4FAJY	106.1	-1.28	0.40	393.5	-0.79	1.32	68.1	-0.34	0.55	108.1	-1.18	0.91	533.4	-0.77	0.68	
RE6U96	151.0	0.38	0.37	428.0	0.02	0.95	79.0	0.62	0.24	134.3	1.10	0.74	702.0	0.57	0.13	
TJR6F7	112.0	-1.06	0.48	448.9	0.51	0.47	69.4	-0.23	0.80	120.6	-0.09	0.46	541.1	-0.71	0.66	
UDFJ3T	146.7	0.22	0.47	419.3	-0.18	0.11	72.3	0.03	0.36	128.0	0.55	0.18	690.0	0.48	0.08	
UQNHVZ	126.0	-0.54	0.49	447.3	0.47	0.32	83.6	1.02	0.17	124.0	0.20	0.18	562.0	-0.54	0.25	
VBC4AV	146.0	0.20	0.32	427.0	0.00	0.88	71.7	-0.03	0.73	127.0	0.46	0.32	708.7	0.62	0.73	
VKDLP6	109.0	-1.17	1.03	354.7	-1.70	0.15	51.0	-1.85	0.41	94.0	-2.41	0.36	479.3	-1.20	0.25	
X6UPD2	157.0	0.60		415.0	-0.29		82.0	0.88		125.0	0.29		681.0	0.40		
XZJUDX	150.2	0.35	0.16	416.5	-0.25	0.22	66.0	-0.53	0.16	122.9	0.11	0.16	691.4	0.49	0.12	
Y2TYT8	159.3	0.69	0.21	417.7	-0.22	0.29	64.0	-0.71	0.48	129.7	0.70	0.11	715.3	0.68	0.78	
YHWHK4	145.2	0.17	0.37	422.0	-0.12	0.52	71.0	-0.09	0.12	122.6	0.08	0.32	684.1	0.43	0.27	



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

Data units: mg/kg

	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305
Grand Median	140.7	427.2	72.0	121.7	630.3
Median Abs Dev	16.2	20.3	5.9	6.2	76.3
Avg Within Lab SD	5.4	14.2	4.2	5.5	22.4
Labs Included	49	50	48	47	51
Labs Reporting	50	51	50	50	51



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	3,156.0	0.09	0.39	864.0	-1.68	0.40	426.0	1.12	0.71	750.7	0.32	0.98	1,760.0	0.02	0.28	
2KXFNV	2,776.0	-0.59	0.65	1,234.0	0.96	0.68	400.6	0.68	0.70	750.8	0.32	0.56	1,657.0	-0.34	1.04	
32TGUX	3,778.8	1.20	0.18	1,240.9	1.01	0.58	430.1	1.19	2.43	840.1	1.48	1.39	2,267.7	1.83	2.89	
42VHH6	3,283.3	0.31	0.76	1,059.3	-0.29	1.31	348.3	-0.23	0.22	621.0	-1.37	1.23	1,933.7	0.64	0.24	
4PLP8R	3,843.3	1.31	1.03	1,020.0	-0.57	0.96	406.7	0.78	1.08	693.3	-0.43	1.24	2,080.0	1.16	1.26	
4PXXMV	3,360.8	0.45	0.26	1,019.3	-0.57	2.91	372.5	0.19	0.16	753.8	0.36	0.33	2,120.7	1.31	3.00	
66DYDV	3,198.7	0.16	0.94	1,036.7	-0.45	0.57	307.3	-0.95	0.15	707.7	-0.24	0.43	1,874.0	0.43	0.41	
7DJYMW	3,443.0	0.60	0.50	1,058.4	-0.29	0.29	328.2	-0.58	0.08	722.0	-0.06	1.06	1,926.5	0.62	0.44	
7WWPJ8	3,573.1	0.83	0.71	1,014.6	-0.61	0.25	306.3	-0.97	0.25	688.1	-0.50	0.22	1,929.2	0.62	0.08	
8T69HX	3,541.1	0.77	0.14	1,051.0	-0.35	0.14	317.8	-0.76	0.12	725.5	-0.01	0.22	1,919.8	0.59	0.15	
8YX9ZY	3,281.7	0.31	1.01	1,043.7	-0.40	0.35	348.7	-0.23	1.39	739.7	0.17	0.84	1,933.3	0.64	1.85	
92GHPQ	3,403.4	0.53	0.63	1,081.8	-0.13	0.85	341.7	-0.35	0.69	719.2	-0.09	0.53	1,895.2	0.50	0.58	
96HQU2	2,517.7	-1.05	1.05	1,273.0	1.24	2.31	400.0	0.67	0.51	713.7	-0.16	1.13	1,553.7	-0.71	0.69	
9T78AK	2,527.0	-1.04	0.46	787.9	-2.23	0.83	277.6	-1.47	0.37	468.8	-3.35X	1.13	1,745.8	-0.03	0.92	
AANL9U	3,199.7	0.16	0.10	1,016.7	-0.59	0.27	368.3	0.11	0.33	727.1	0.01	0.10	1,719.3	-0.12	0.53	
DTN69D	3,299.0	0.34	0.49	989.0	-0.79	0.17	317.0	-0.78	0.09	713.0	-0.17	0.09	1,852.0	0.35	0.07	
E39QVM	2,581.5	-0.94	0.62	1,090.5	-0.06	0.55	342.2	-0.34	1.36	551.3	-2.28	1.63	1,416.3	-1.20	0.17	
EDCN4W	3,671.5	1.01	0.56	1,098.9	0.00	0.67	357.8	-0.07	0.61	899.0	2.25	0.49	2,052.3	1.06	0.48	
FNQ3J4	3,673.3	1.01	1.12	1,110.0	0.08	1.47	320.7	-0.72	1.15	701.7	-0.32	0.96	1,973.3	0.78	1.07	
GPXXKL	2,789.0	-0.57	0.44	1,343.3	1.74	1.76	476.3	2.00	0.32	874.0	1.92	1.25	1,729.7	-0.08	0.33	
GWF4JE	3,413.7	0.55	0.34	1,068.0	-0.22	0.54	464.6	1.79	0.29	777.4	0.66	0.13	1,957.3	0.73	0.18	
J3VQ6U	2,606.5	-0.89	0.25	1,152.8	0.38	0.62	369.5	0.14	0.47	651.1	-0.98	0.28	1,526.9	-0.80	0.03	
JGYWFT	4,060.0	1.70	0.35	1,173.3	0.53	0.23	392.0	0.53	0.19	793.3	0.87	0.30	2,126.7	1.33	0.16	
JU2LBT	2,671.3	-0.78	0.10	1,114.3	0.11	0.30	300.0	-1.08	0.17	672.3	-0.70	0.25	1,452.7	-1.07	0.04	
K2GNP9	2,585.0	-0.93	0.93	1,207.0	0.77	0.95	362.0	0.01	0.66	676.7	-0.65	1.55	1,536.3	-0.77	0.51	
KH44WC	2,245.3	-1.54	2.42	924.0	-1.25	1.01	321.7	-0.70	0.52	559.3	-2.17	0.46	1,137.0	-2.19	1.90	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KPNXDH	3,065.0	-0.08	0.56	1,146.7	0.34	0.98	378.7	0.30	1.19	742.0	0.20	0.82	1,685.0	-0.24	0.93	
KRVFBD	2,921.7	-0.33	0.71	1,272.0	1.23	0.15	541.7	3.14X	1.57	781.3	0.72	2.30	1,689.0	-0.23	1.21	
KTKQ37	3,066.7	-0.07	0.59	990.0	-0.78	0.28	333.3	-0.49	1.08	713.3	-0.17	0.38	1,700.0	-0.19		
L2TKUD	3,205.1	0.17	0.08	945.6	-1.10	0.93	329.7	-0.56	0.48	711.7	-0.19	0.36	1,753.3	0.00	0.17	
LN88KP	2,463.0	-1.15	1.96	1,184.0	0.60	2.76	400.7	0.68	1.88	782.0	0.72	1.87	1,470.7	-1.00	1.77	
M74BGJ	2,899.7	-0.37	0.05	1,175.7	0.54	0.17	400.1	0.67	0.27	709.1	-0.22	0.03	1,707.0	-0.16	0.04	
MEXFBK	2,954.7	-0.27	1.53	1,034.7	-0.46	1.48	359.7	-0.03	4.05	705.6	-0.27	3.86	1,712.0	-0.15	0.50	
NDD2DV	3,246.3	0.25	4.00	1,539.3	3.14X	2.58	458.3	1.69	1.36	901.7	2.28	0.42	2,029.0	0.98	1.79	
NU2ERM	2,500.7	-1.08	2.72	1,183.7	0.60	0.67	340.7	-0.37	0.23	682.1	-0.58	1.52	1,501.1	-0.90	2.29	
PJLM4D	2,557.9	-0.98	0.36	1,211.3	0.80	0.44	385.2	0.41	0.34	735.4	0.12	0.43	1,552.9	-0.71	0.59	
PNEQTB	2,359.0	-1.34	0.36	1,004.0	-0.68	0.03	331.0	-0.53	0.17	559.3	-2.17	0.24	1,340.7	-1.47	0.11	
QNUCY7	2,715.3	-0.70	0.14	1,455.0	2.54	1.17	437.7	1.33	0.92	810.3	1.09	0.23	1,703.3	-0.18	0.25	
QT4KAA	2,474.0	-1.13	0.12	1,189.5	0.64	0.29	361.4	-0.01	0.26	737.1	0.14	0.45	1,789.0	0.13	0.18	
R4FAJY	2,600.7	-0.90	0.42	1,216.4	0.84	1.24	373.7	0.21	0.69	707.4	-0.25	0.55	1,521.4	-0.82	0.47	
RE6U96	3,107.7	0.00	0.16	1,080.7	-0.13	0.83	423.0	1.07	0.05	731.3	0.07	0.16	1,847.0	0.33	0.20	
TJR6F7	2,629.2	-0.85	0.16	1,218.5	0.85	0.75	389.4	0.48	0.83	728.4	0.03	0.19	1,521.1	-0.83	0.63	
UDFJ3T	3,414.0	0.55	0.13	1,100.0	0.00		403.3	0.73	0.27	796.7	0.92	0.19	1,928.0	0.62	0.15	
UQNHVZ	3,144.3	0.07	0.92	1,284.3	1.32	0.80	452.3	1.58	1.36	739.0	0.16	0.28	1,689.0	-0.23	0.43	
VBC4AV	3,038.3	-0.12	0.12	1,041.0	-0.42	0.62	346.0	-0.27	0.87	687.3	-0.51	0.55	1,836.0	0.29	0.40	
VKDLP6	2,570.0	-0.96	0.80	1,056.7	-0.31	0.80	316.7	-0.78	0.27	643.3	-1.08	0.19	1,486.7	-0.95	0.22	
XZJUDX	3,620.7	0.92	0.08	1,168.0	0.49	0.41	341.8	-0.35	0.32	738.5	0.16	0.18	2,065.4	1.11	0.26	
Y2TYT8	3,310.3	0.36	0.18	1,105.0	0.04	0.24	348.3	-0.23	0.49	772.0	0.59	0.63	1,953.0	0.71	0.72	
YHWHK4	3,519.1	0.73	0.12	1,148.9	0.35	0.43	429.6	1.19	1.45	822.0	1.24	0.93	2,006.2	0.90	0.63	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	3,107.7	1,099.4	361.7	726.3	1,753.3	
Median Abs Dev	392.3	79.8	35.9	30.2	180.4	
Avg Within Lab SD	98.0	36.0	21.4	30.5	70.3	
Labs Included	49	48	48	48	49	
Labs Reporting	49	49	49	49	49	



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

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

Data units: mg/kg

WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FXG6Q	512.0	3.77X	2.01	368.3	3.64X	2.07	77.6	0.48	2.03	184.8	14.63X	6.03	548.0	1.98	1.69
2KXFNV	285.9	-0.56	0.70	305.6	1.50	0.53	84.1	1.03	1.00	65.0	0.71	0.59	396.4	-0.30	1.10
32TGUX	465.0	2.87X	0.74	283.3	0.74	1.42	78.7	0.57	1.93	60.3	0.16	0.21	559.2	2.15	1.11
42VHH6	332.7	0.33	0.28	260.0	-0.05	0.89	74.0	0.18	0.26	56.7	-0.26	2.47	457.0	0.61	0.27
4PLP8R	315.3	0.00	0.80	237.7	-0.81	1.11	67.0	-0.41	0.95				416.3	0.00	1.12
4PXXMV	327.6	0.24	0.35	256.5	-0.17	2.51	74.1	0.19	0.15	59.0	0.02	0.07	464.9	0.73	0.02
66DYDV	303.3	-0.23	0.12	235.3	-0.89	0.82	61.0	-0.91	0.45	54.3	-0.53	0.80	400.3	-0.24	0.69
7DJYMW	321.9	0.13	0.08	253.4	-0.28	0.29	65.0	-0.58	0.09	54.4	-0.53	0.95	461.1	0.67	0.59
7WWPJ8	325.0	0.19	0.09	237.6	-0.81	0.09	60.4	-0.96	0.29	53.7	-0.60	0.04	401.3	-0.23	0.08
8T69HX	377.0	1.18	0.20	246.9	-0.50	0.69	51.5	-1.71	0.40	54.8	-0.47	0.07	454.8	0.58	0.24
8YX9ZY	345.0	0.57	0.93	256.7	-0.16	0.74	70.7	-0.10	1.49	60.0	0.13	1.04	471.7	0.83	2.20
92GHPQ	324.0	0.17	0.58	252.0	-0.32	0.99	64.4	-0.63	0.63	51.5	-0.86	0.65	437.9	0.32	0.92
96HQU2	252.7	-1.20	1.09	305.3	1.49	2.49	79.7	0.66	0.66	57.7	-0.14	1.22	370.3	-0.69	0.95
9T78AK	359.2	0.84	1.13	238.7	-0.78	1.02	65.1	-0.57	0.36	53.9	-0.58	0.13	418.0	0.03	1.43
AANL9U	283.8	-0.60	0.13	219.4	-1.43	0.04	68.8	-0.25	0.45	57.8	-0.13	0.05	373.6	-0.64	0.44
DTN69D	320.3	0.10	0.31	240.0	-0.73	0.11	62.4	-0.80	0.18	52.1	-0.79	0.11	439.0	0.34	0.07
E39QVM	247.7	-1.30	0.04	276.2	0.50	0.13	74.8	0.25	1.03	51.4	-0.88	0.17	335.9	-1.21	0.18
EDCN4W	356.9	0.80	0.32	255.8	-0.19	0.23	68.4	-0.29	0.25	56.1	-0.33	0.08	472.0	0.84	0.37
FNQ3J4	380.3	1.25	1.18	273.0	0.39	2.65	67.3	-0.38	1.84	54.3	-0.53	1.61	464.7	0.73	1.97
GPXXKL	283.3	-0.61	1.38	332.7	2.42	2.59	96.3	2.06	0.40	75.7	1.95	1.06	400.3	-0.24	0.22
GWF4JE	325.2	0.19	0.23	259.4	-0.07	0.15	86.8	1.26	0.32	71.1	1.42	0.39	444.3	0.42	0.21
J3VQ6U	247.4	-1.30	0.34	274.9	0.46	0.24	74.9	0.25	0.40	46.5	-1.44	0.40	347.0	-1.04	0.32
JGYWFT	413.2	1.88	0.28	266.8	0.18	0.20	70.8	-0.09	0.00	63.6	0.55	0.00	461.2	0.68	0.05
JU2LBT	269.3	-0.88	0.12	270.7	0.31	0.25	53.5	-1.54	0.17	56.2	-0.31	0.30	340.7	-1.14	0.08
K2GNP9	275.0	-0.77	2.27	291.3	1.02	1.30	77.3	0.46	0.76	62.7	0.44	2.57	375.3	-0.62	0.99
KH44WC	253.3	-1.19	2.38	247.3	-0.48	0.95	68.3	-0.30	0.40	54.0	-0.57	0.35	298.0	-1.78	2.37



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KPNXDH	320.0	0.09	0.73	299.7	1.30	0.17	80.5	0.73	0.21	63.5	0.54	0.63	430.0	0.21	1.76	
KRVFBD	251.7	-1.22	1.17	279.7	0.62	0.52	84.7	1.08	1.09	67.3	0.98	2.32	362.0	-0.82	0.47	
KTKQ37	320.0	0.09	2.13	256.7	-0.16	0.63	70.7	-0.10	1.49	60.0	0.13	0.70	413.3	-0.05	0.78	
L2TKUD	279.8	-0.68	0.67	214.8	-1.59	0.44	72.2	0.03	0.40	51.7	-0.84	0.48	411.6	-0.07	0.64	
LN88KP	250.0	-1.25	0.81	275.7	0.48	0.71	70.7	-0.10	1.18	57.3	-0.18	1.22	350.3	-0.99	1.19	
M74BGJ	270.2	-0.87	0.05	280.9	0.66	0.07	79.2	0.62	0.21	60.3	0.17	0.15	390.8	-0.38	0.03	
MEXFBK	321.5	0.12	1.34	256.7	-0.16	1.20	68.1	-0.31	4.14	56.6	-0.26	2.51	420.6	0.06	0.57	
NDD2DV	349.0	0.65	3.06	380.3	4.04X	2.05	99.0	2.29	1.14	80.3	2.49	0.88	483.7	1.01	1.72	
NU2ERM	271.6	-0.84	2.26	317.6	1.91	0.60	69.3	-0.22	0.24	60.6	0.20	1.17	388.5	-0.42	2.84	
PJLM4D	262.2	-1.02	0.76	279.3	0.61	0.11	75.8	0.33	0.30	66.9	0.94	0.54	370.6	-0.69	0.75	
PNEQTB	328.3	0.25	0.20	416.7	5.28X	2.75	172.3	8.47X	4.73	68.0	1.06	0.70	286.0	-1.96	0.14	
QNUCY7	295.7	-0.38	0.81	321.7	2.05	1.61	92.3	1.73	0.40	64.7	0.67	0.53	374.0	-0.64	1.15	
QT4KAA	242.7	-1.39	0.02	300.4	1.32	0.80	50.7	-1.78	0.25	29.3	-3.44X	0.31	451.3	0.53	0.11	
R4FAJY	258.0	-1.10	0.46	271.1	0.33	0.29	77.1	0.44	0.55	65.0	0.71	1.03	372.6	-0.66	0.92	
RE6U96	321.7	0.12	0.17	259.3	-0.07	0.83	79.3	0.63	0.15	61.7	0.32	0.73	431.3	0.23	0.14	
TJR6F7	286.7	-0.55	0.25	295.9	1.17	0.24	74.4	0.21	0.94	62.8	0.46	0.52	382.7	-0.51	0.26	
UDFJ3T	364.7	0.95	0.40	282.0	0.70	0.11	93.0	1.78	1.14	78.7	2.30	1.75	474.7	0.88	0.14	
UQNHVZ	264.7	-0.97	0.47	256.3	-0.18	0.35	74.5	0.22	0.61	55.7	-0.37	0.51	339.7	-1.15	0.52	
VBC4AV	304.3	-0.21	0.57	249.7	-0.40	0.52	68.0	-0.32	0.91	52.7	-0.72	0.73	431.0	0.22	0.82	
VKDLP6	251.7	-1.22	0.63	252.3	-0.31	0.56	56.3	-1.31	0.40	48.0	-1.27	0.35	352.0	-0.97	0.29	
XZJUDX	337.6	0.43	0.06	266.5	0.17	0.36	83.4	0.98	0.23	69.3	1.21	0.13	464.6	0.73	0.26	
Y2TYT8	342.0	0.51	0.85	263.0	0.05	0.57	69.7	-0.18	0.30	66.7	0.90	0.53	460.0	0.66	0.68	
YHWHK4	331.3	0.31	0.33	259.0	-0.09	0.56	71.5	-0.03	0.84	58.7	-0.02	0.62	428.7	0.19	0.48	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	315.3	261.5	71.8	58.9	416.3	
Median Abs Dev	32.0	14.4	5.6	4.7	42.7	
Avg Within Lab SD	12.4	9.2	3.8	2.9	14.8	
Labs Included	47	46	48	46	49	
Labs Reporting	49	49	49	48	49	



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FXG6Q	16.0	-0.10	2.88	26.7	-2.72	2.70	9.1	-0.24	1.79	11.0	-0.54	2.46	13.0	-0.14	1.64		
2KXFNV	12.8	-0.66	0.74	64.1	0.46	0.16	16.7	1.13	1.30	12.5	-0.19	0.63	10.6	-0.64	0.19		
32TGUX	28.7	2.10	2.34	93.5	2.95	0.73	14.3	0.69	0.25	17.0	0.86	0.46	21.5	1.67	1.12		
42VHH6	17.0	0.07	0.52	54.7	-0.34	0.54	10.7	0.04	1.33	11.7	-0.38	1.04	13.3	-0.07	0.95		
4PXMV	26.5	1.72	1.11	63.8	0.43	3.06	7.4	-0.57	1.61	11.7	-0.39	0.44	16.7	0.64	2.81		
66DYDV	21.7	0.88	0.60	59.3	0.05	1.08	8.3	-0.39	0.37	13.3	0.01	0.39	14.3	0.14	0.72		
7DJYMW	15.4	-0.20	1.12	54.4	-0.36	0.07	3.6	-1.26	0.01	9.0	-1.00	0.37	10.0	-0.77	0.16		
7WWPJ8	7.3	-1.60	0.15	30.1	-2.42	0.14	2.3	-1.50	0.10	3.7	-2.24	0.08	5.1	-1.81	0.09		
8T69HX	16.6	0.00	0.16	54.1	-0.39	0.16	8.0	-0.45	1.07	13.3	-0.01	0.60	16.6	0.64	0.19		
8YX9ZY	19.3	0.48	1.30	58.3	-0.03	0.54	9.0	-0.27		13.3	0.01	0.39	15.7	0.43	0.95		
92GHPQ	13.8	-0.48	0.30	54.5	-0.36	0.85	6.0	-0.82	0.22	10.1	-0.76	0.26	11.7	-0.42	0.48		
9T78AK	57.3	7.05X	0.41	113.3	4.63X	1.41	1.6	-1.62	0.09	21.6	1.94	0.82	42.3	6.09X	1.22		
AANL9U	31.0	2.50	0.74	61.2	0.21	0.35	17.4	1.26	0.20	21.1	1.83	0.37	26.1	2.64	0.39		
DTN69D	11.5	-0.87	0.11	51.6	-0.61	0.12	4.0	-1.19	0.06	7.3	-1.40	0.02	8.0	-1.20	0.13		
E39QVM	15.6	-0.17	0.28	54.2	-0.38	0.21	10.5	0.01	1.39	10.1	-0.74	0.57	12.8	-0.18	0.40		
EDCN4W	16.0	-0.09	0.17	56.0	-0.23	0.04	8.7	-0.32	0.24	12.1	-0.29	0.07	12.4	-0.27	0.30		
FNQ3J4	18.7	0.36	0.79	55.3	-0.29	2.83	8.0	-0.45	2.30	9.0	-1.01	1.37	8.3	-1.13	1.29		
GPXXKL	18.7	0.36	0.30	72.3	1.16	0.89	14.7	0.77	0.37	18.3	1.18	0.39	15.7	0.43	0.36		
GWF4JE	20.6	0.70	0.41	55.3	-0.29	0.87	12.9	0.44	0.54	14.8	0.35	0.75	16.3	0.56	0.53		
J3VQ6U	8.8	-1.35	0.08	55.0	-0.32	0.22	4.0	-1.18	0.18	5.7	-1.78	0.16	5.8	-1.67	0.24		
JGYWFT	11.5	-0.88		52.1	-0.56	0.47	2.3	-1.49	0.00	6.9	-1.50	0.00	6.9	-1.44	0.00		
K2GNP9	15.6	-0.17	1.01	66.0	0.62		11.1	0.12	0.65	13.8	0.12	0.96	12.3	-0.28	0.35		
KH44WC	18.7	0.36	1.08	56.3	-0.20	0.54	8.0	-0.45	1.91	12.7	-0.15	3.44	12.3	-0.28	1.56		
KPNXDH	13.1	-0.60	0.55	58.4	-0.03	0.87	15.4	0.90	2.34	11.0	-0.53	1.33	9.4	-0.91	0.74		
KRVFBD	15.0	-0.27	0.52	72.0	1.13	0.71	8.7	-0.33	1.33	14.0	0.16	2.05	14.0	0.07	1.64		
KTKQ37	16.7	0.01	0.79	55.3	-0.29	0.54	9.0	-0.27	0.67	13.7	0.09	0.39	15.0	0.29	0.62		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
L2TKUD	22.7	1.06	0.63	62.1	0.29	0.59	12.5	0.37	0.56	15.0	0.39	0.26	16.6	0.63	0.69	
LN88KP	13.4	-0.54	0.52	65.0	0.54	0.60	6.7	-0.69	0.33	9.2	-0.95	0.52	10.9	-0.59	0.59	
M74BGJ	16.6	0.00	0.18	64.9	0.53	0.18	12.1	0.29	0.13	15.3	0.46	0.29	13.6	0.00	0.27	
MEXFBK	27.6	1.91	1.09	81.0	1.89	1.18	15.4	0.91	1.45	20.5	1.69	1.81	22.8	1.94	0.71	
NDD2DV	20.9	0.75	1.41	78.7	1.69	0.99	13.8	0.62	0.35	17.3	0.95	1.82	16.8	0.66	3.11	
NU2ERM	16.3	-0.06	0.47	67.6	0.76	0.35	11.5	0.19	0.55	14.7	0.32	0.27	14.1	0.10	0.60	
PJLM4D	14.4	-0.37	0.13	59.1	0.03	0.20	10.4	-0.01	0.20	12.6	-0.16	0.30	12.4	-0.27	0.30	
QNUCY7	17.9	0.23	0.80	64.2	0.47	1.13	14.4	0.71	0.77	15.5	0.52	0.30	14.3	0.14	0.37	
QT4KAA	7.8	-1.53	1.64	73.0	1.21	2.02	10.0	-0.08		10.0	-0.77		10.0	-0.78		
R4FAJY	16.6	0.00	0.21	49.0	-0.82	0.66	10.7	0.04	0.13	12.6	-0.15	0.07	12.6	-0.22	0.19	
RE6U96	20.3	0.65	0.30	60.7	0.17	0.89	34.3	4.36X	0.37	15.7	0.55	0.39	16.7	0.64	0.36	
TJR6F7	16.4	-0.04	0.22	63.0	0.36	0.43	11.5	0.19	0.14	14.5	0.28	0.10	12.7	-0.19	0.03	
UDFJ3T	22.3	1.00	1.08	60.7	0.17	0.20	15.3	0.89	0.97	17.0	0.87	1.81	17.0	0.71		
UQNHVZ	17.1	0.09	0.34	68.0	0.79	0.64	12.5	0.38	0.51	14.7	0.32	0.14	14.5	0.19	0.09	
VBC4AV	16.7	0.01	0.79	56.3	-0.20	0.54	9.7	-0.15	1.33	13.0	-0.07	0.68	13.7	0.00	0.72	
VKDLP6	10.0	-1.14		54.3	-0.37	0.20	6.0	-0.82	0.64	9.3	-0.93	0.39	11.0	-0.56	0.62	
XZJUDX	18.1	0.26	0.22	57.3	-0.12	0.23	22.5	2.20	0.06	13.6	0.08	0.26	14.6	0.20	0.11	
Y2TYT8	33.3	2.90	2.85	71.7	1.10	0.54	19.3	1.62	1.95	25.7	2.90X	2.59	26.3	2.70	2.35	
YHWHK4	15.7	-0.15	0.29	42.7	-1.36	0.50	18.0	1.37	1.03	16.5	0.76	0.39	15.6	0.41	0.68	

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	16.6			58.7			10.5			13.3			13.7			
Median Abs Dev	2.4			4.5			2.8			2.2			2.3			
Avg Within Lab SD	1.9			2.8			1.6			1.5			1.6			
Labs Included	44			44			44			44			44			
Labs Reporting	45			45			45			45			45			



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QNUCY7	96.3		1.34	398.3		0.28	79.7		1.07	110.7		0.82	440.0		1.06
QT4KAA	86.0		1.03	395.3		1.55	82.0			103.0		1.50	493.7		0.60
TBXZM6	63.6		0.37	427.6		0.72	57.4		0.93	89.2		0.29	446.8		1.23
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	86.0			398.3			79.7			103.0			446.8		
Median Abs Dev															
Avg Within Lab SD	3.4			7.4			1.9			3.1			9.1		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
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	
K3RK26	96.0			387.0		1.00	69.0			101.7		1.00	564.3		1.00	
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	96.0			387.0			69.0			101.7			564.3			
Median Abs Dev																
Avg Within Lab SD	0.0			4.0			0.0			1.2			3.1			
Labs Included	1			1			1			1			1			
Labs Reporting	1			1			1			1			1			



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K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NUNMY7	101.2		1.00	297.3		1.00	56.0		1.00	91.3		1.00	490.7		1.00

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups

Data units: mg/kg

	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305
Grand Median	101.2	297.3	56.0	91.3	490.7
Median Abs Dev					
Avg Within Lab SD	0.6	4.7	0.5	0.3	3.4
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1



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Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
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			
NUNMY7	2,638.5		1.00	856.8		1.00	310.8		1.00	619.2		1.00	1,531.2		1.00			

Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
Grand Median	2,638.5			856.8			310.8			619.2			1,531.2					
Median Abs Dev																		
Avg Within Lab SD	14.5			6.3			12.3			3.8			11.4					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
K3RK26	1.10		1.41	1.33		1.41	3.47		1.41	8.70		1.41	1.43		1.39
VE9P4J	0.38		0.04	0.31		0.03	1.60		0.04	3.41		0.15	0.28		0.28
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	0.74			0.82			2.53			6.05			0.86		
Median Abs Dev															
Avg Within Lab SD	0.07			0.04			0.27			0.14			0.04		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GNUBF	112.2	0.17	0.58	273.3	0.93	2.07	57.0	1.39	2.29	26.2	0.27	1.16	110.3	-0.45	0.81	
CH8YY6	97.7	-0.68	0.60	233.1	-0.44	0.69	46.9	0.08	0.52	24.6	-0.27	0.04	124.0	0.45	0.15	
GJB6AM	106.5	-0.17	0.75	214.8	-1.06	0.37	37.3	-1.16	0.56	21.9	-1.18	0.56	101.1	-1.06	1.56	
HQKZK8	118.3	0.52	1.01	270.9	0.85	0.62	45.6	-0.08	0.16	28.5	1.05	1.43	123.9	0.45	0.73	
V9JBED	96.7	-0.74	1.91	234.5	-0.39	0.29	36.8	-1.22	0.34	22.7	-0.91	1.37	99.5	-1.16	1.18	
VE9P4J	139.7	1.77	0.30	257.3	0.39	0.79	47.1	0.11	0.15	26.5	0.37	0.65	124.3	0.48	0.99	

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	109.3			245.9			46.3			25.4			117.1			
Median Abs Dev	10.3			18.9			4.9			1.9			7.0			
Avg Within Lab SD	1.3			3.5			3.5			0.9			2.6			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GNUBF	73.2	-0.11	1.24	401.9	1.43	2.08	80.8	1.78	0.75	100.0	1.90	0.35	377.8	-0.05	0.51	
CH8YY6	74.3	0.11	0.75	311.7	-0.53	0.40	67.0	-0.18	0.59	85.3	-0.31	0.37	407.0	0.98	0.77	
GJB6AM	70.3	-0.63	0.67	309.8	-0.57	0.76	61.4	-0.96	0.11	85.4	-0.30	0.44	335.0	-1.55	0.92	
HQKZK8	75.3	0.28	0.54	353.8	0.38	0.31	65.8	-0.34	0.30	89.3	0.30	1.00	393.5	0.51	1.65	
V9JBED	65.0	-1.57	1.40	318.3	-0.38	0.87	69.5	0.18	2.22	82.8	-0.69	2.05	353.2	-0.91	0.45	
VE9P4J	81.3	1.36	1.10	370.9	0.75	0.30	72.6	0.62	0.22	91.0	0.55	0.57	380.4	0.05	1.18	

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	73.8			336.1			68.2			87.3			379.1			
Median Abs Dev	2.5			25.4			3.4			2.8			20.1			
Avg Within Lab SD	1.4			5.2			3.4			2.8			4.0			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GNUBF	3,162.5	-0.04	2.13	1,679.7	0.87	1.50	555.4	8.31X	0.94	907.9	6.49X	0.21	1,569.8	-0.09	1.27	
CH8YY6	3,304.8	0.52	0.25	1,363.0	-1.16	0.15	436.7	0.66	0.41	723.0	0.00	0.21	1,755.8	1.32	0.58	
GJB6AM	2,781.2	-1.53	0.25	1,340.8	-1.31	0.16	417.9	-0.56	1.10	690.0	-1.16	0.66	1,457.1	-0.94	1.10	
HQZK8	3,181.2	0.04	0.46	1,592.4	0.31	0.10	426.3	-0.02	0.78	759.5	1.28	1.67	1,729.4	1.12	1.43	
V9JBED	2,767.2	-1.58	1.06	1,513.3	-0.20	1.80	426.6	0.00	1.29	718.0	-0.18	1.29	1,517.3	-0.49	0.77	
VE9P4J	3,258.3	0.34	0.10	1,575.3	0.20	0.66	459.8	2.14	1.16	744.6	0.76	0.25	1,593.7	0.09	0.45	

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	3,171.9			1,544.3			426.6			723.0			1,581.7			
Median Abs Dev	109.7			91.7			8.6			21.6			94.5			
Avg Within Lab SD	85.7			21.5			5.7			12.2			27.9			
Labs Included	6			6			5			5			6			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GNUBF	319.0	0.33	1.59	298.3	1.48	1.13	103.1	2.04	1.61	69.2	5.56X	2.23	291.5	-0.39	2.10
CH8YY6	368.9	1.50	0.13	250.5	-0.53	0.16	79.8	0.18	0.24	55.4	0.00	0.15	392.1	1.84	0.24
GJB6AM	277.1	-0.65	0.14	245.0	-0.76	1.37	67.9	-0.77	0.21	51.2	-1.69	0.13	305.0	-0.09	0.04
HQKZK8	320.7	0.37	0.39	287.1	1.01	0.55	68.9	-0.68	0.16	56.5	0.46	1.56	368.0	1.31	0.91
V9JBED	268.0	-0.86	1.50	266.2	0.13	1.49	75.3	-0.18	1.80	53.0	-0.94	1.35	312.9	0.09	0.77
VE9P4J	290.5	-0.33	1.02	260.0	-0.13	0.54	80.0	0.20	0.14	56.1	0.28	0.84	293.5	-0.34	0.30

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	304.8			263.1			77.5			55.4			309.0		
Median Abs Dev	21.8			15.4			5.6			1.1			16.5		
Avg Within Lab SD	5.6			6.6			3.9			1.3			7.6		
Labs Included	6			6			6			5			6		
Labs Reporting	6			6			6			6			6		



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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GNUBF	12.0	-0.91		12.5	-0.14	1.24	12.2	1.24	2.07	105.8	1.06	1.30	67.7	-0.57	1.05	
CH8YY6	12.5	-0.36	0.26	11.6	-0.69	0.27	11.5	0.53	0.51	87.9	0.15	0.22	76.2	1.50	0.07	
GJB6AM	12.8	-0.09	1.18	10.9	-1.17	1.65	10.5	-0.48	0.86	74.0	-0.55	0.52	67.8	-0.54	0.50	
HQKZK8	13.9	1.00	0.80	14.7	1.28	0.80	9.9	-1.11	0.62	48.0	-1.87		48.0	-5.37X		
V9JBED	13.0	0.09	1.15	13.7	0.63	0.19	10.6	-0.35	0.13	82.0	-0.15	1.02	70.0	0.00	0.86	
VE9P4J	14.5	1.60	1.26	12.9	0.14	1.00	11.3	0.35	0.54	90.3	0.27	1.40	73.1	0.76	1.70	

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	12.9			12.7			11.0			85.0			70.0			
Median Abs Dev	0.6			1.0			0.5			8.2			2.3			
Avg Within Lab SD	0.3			0.4			0.4			1.6			1.4			
Labs Included	6			6			6			6			5			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GNUBF	1.67	0.03	1.27	4.77	0.84	1.82	5.80	1.36	2.12	2.67	2.12	2.33	1.03	-0.13	1.35	
CH8YY6	1.65	-0.03	0.01	3.80	-0.88	0.11	4.50	-0.18	0.29	1.36	-0.18	0.01	1.09	0.28	0.21	
GJB6AM	1.59	-0.19	0.13	3.79	-0.90	0.84	4.08	-0.66	0.07	1.27	-0.34	0.02	0.96	-0.70	1.17	
HQKZK8	2.52	2.38	2.08	4.74	0.80	0.21	5.43	0.92	1.01	1.97	0.89	0.55	1.31	2.02	0.97	
V9JBED	1.52	-0.38	0.12	4.12	-0.31	0.84	4.01	-0.75	0.42	1.27	-0.34	0.26	0.95	-0.78	0.00	
VE9P4J	2.03	1.04	0.13	4.47	0.31	1.10	4.80	0.18	0.44	1.57	0.18	0.46	1.07	0.13	1.35	

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	1.66			4.29			4.65			1.46			1.05			
Median Abs Dev	0.10			0.46			0.60			0.19			0.06			
Avg Within Lab SD	0.45			0.14			0.21			0.25			0.04			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GNUBF	2.50	12.20X		2.50	6.28X		2.50	10.26X		2.50	7.73X		2.50	11.39X	
7U8JYA	1.16	1.65	0.59	1.39	0.34	1.41	1.20	-0.16	2.60	1.31	1.11	0.57	1.13	1.08	0.62
89JGEV	1.08	1.01	2.68	1.58	1.34	2.14	1.38	1.30	0.37	1.30	1.07	2.76	1.10	0.83	2.85
8YX9ZY	0.95	0.01		1.34	0.06		1.27	0.42		1.12	0.08		1.00	0.08	
BFNJV4	0.86	-0.69	0.00	1.20	-0.70	0.40	1.10	-0.95	0.37	0.98	-0.72	0.20	0.88	-0.83	0.25
DTN69D	0.88	-0.51	0.24	1.45	0.64	0.16	1.32	0.75	0.48	1.09	-0.08	0.63	0.93	-0.44	0.54
ER8FFK	0.92	-0.23		1.26	-0.36		1.16	-0.50		0.98	-0.73		0.87	-0.93	
HQKZK8	1.01	0.45	0.70	1.53	1.08	0.10	1.34	0.95	0.00	1.25	0.77	0.00	1.03	0.29	0.04
M74BGJ	0.83	-0.95	0.40	1.14	-0.98	0.40	1.20	-0.15	0.37	0.94	-0.93	0.35	0.84	-1.11	0.15
MR2LKJ	0.78	-1.30	0.21	1.18	-0.80	0.97	1.13	-0.74	1.20	0.93	-0.98	1.03	0.82	-1.29	0.78
NDD2DV	1.09	1.09	1.22	1.54	1.14	1.40	1.34	0.98	0.98	1.34	1.27	0.53	1.14	1.13	0.67
UQNHVZ	0.97	0.19	0.42	1.32	-0.06	0.15	1.24	0.15	0.45	1.15	0.25	0.38	1.00	0.05	0.04
WMVAHG	0.95	-0.01	0.15	1.21	-0.61	0.40	1.09	-1.06	0.00	1.09	-0.09	0.00	0.98	-0.05	0.15

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	0.95			1.33			1.22			1.11			0.99		
Median Abs Dev	0.08			0.12			0.09			0.14			0.11		
Avg Within Lab SD	0.04			0.01			0.02			0.03			0.04		
Labs Included	12			12			12			12			12		
Labs Reporting	13			13			13			13			13		



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6GNCLJ	45.6	-0.33	2.12	73.8	-0.57	1.48	65.8	-0.10	1.42	25.3	-0.09	1.51	32.1	0.13	1.32
96HQU2	50.1	0.45	0.65	84.5	0.74	1.02	80.2	1.16	0.16	28.5	1.34	0.70	32.6	0.28	0.54
K2GNP9	47.3	-0.03	0.34	82.0	0.43	1.25	65.7	-0.11	0.83	26.3	0.39	0.69	31.3	-0.13	1.13
LN88KP	47.7	0.03	1.49	65.7	-1.56	1.19	62.7	-0.37	1.91	24.0	-0.65	1.20	28.0	-1.21	1.95
TQBDZW	43.7	-0.66	0.75	71.0	-0.91	0.82	68.0	0.10	0.94	25.3	-0.05	1.25	27.3	-1.43	0.56
UQNHVZ	57.3	1.69	0.21	82.5	0.49	0.74	95.3	2.49	0.63	31.3	2.61	0.12	33.6	0.62	0.50
UWRBZ4	58.1	1.83	0.15	81.2	0.34	0.14	75.1	0.72	0.16	25.6	0.05	0.55	32.6	0.28	0.04
VKDLP6	45.3	-0.37	0.34	75.7	-0.34	0.72	63.0	-0.34	0.55	25.0	-0.20	1.20	27.7	-1.32	0.56

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups										Data units: mg/kg	
	SRS2301		SRS2302		SRS2303		SRS2304		SRS2305		
Grand Median	47.5		78.5		66.9		25.5		31.7		
Median Abs Dev	2.4		4.4		4.1		0.7		1.4		
Avg Within Lab SD	1.7		2.1		1.8		0.8		1.0		
Labs Included	8		8		8		8		8		
Labs Reporting	8		8		8		8		8		



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	63.5	0.15	1.76	96.3	0.23	2.57	113.1	0.04	0.28	36.7	-0.05	2.58	36.2	-0.06	2.25	
3GNUBF	60.0	-0.33	0.48	96.1	0.22	1.17	136.7	1.45	0.05	40.6	0.91	1.12	41.1	0.82	0.62	
4PXMV	104.3	5.83X	0.35	200.1	8.41X	0.88	126.8	0.86	0.12	52.1	3.73X	0.56	86.4	8.96X	0.17	
6DN78D	70.8	1.16	0.04	99.3	0.48	0.12	113.4	0.06	0.06	42.1	1.27	0.15	46.3	1.76	0.17	
6GNCLJ	62.4	0.00	1.90	79.5	-1.09	1.32	86.6	-1.53	1.04	35.8	-0.25	1.16	35.7	-0.14	1.87	
6PTJ2J	93.1	4.27X	6.33	124.2	2.44	0.48	170.0	3.43X	1.83	80.3	10.64X	1.10	101.8	11.74X	5.30	
6WH2J2	58.8	-0.50	0.00	88.6	-0.37	0.00	92.8	-1.16	0.00	34.4	-0.62	0.00	30.0	-1.16	0.00	
89JGEV	65.6	0.43	1.98	106.9	1.07	1.30	136.1	1.41	1.57	39.8	0.72	0.95	39.5	0.54	2.28	
8YX9ZY	70.0	1.05	2.10	84.0	-0.73	1.74	110.3	-0.12	0.60	40.7	0.93	2.25	43.0	1.17	2.93	
9MJE3R	61.6	-0.12	0.14	94.2	0.07	0.12	129.0	0.99	0.24	32.7	-1.02	0.48	35.4	-0.19	0.62	
AGRHYM	60.4	-0.28	0.48	87.3	-0.47	0.26	103.7	-0.52	0.39	32.9	-0.97	0.44	31.3	-0.93	0.77	
BFNJV4	57.0	-0.75	0.26	69.9	-1.85	0.35	99.3	-0.78	0.73	30.8	-1.49	0.12	32.6	-0.70	0.17	
BLYF2Y	50.0	-1.73	0.46	84.7	-0.68	0.17	115.0	0.16	0.74	35.7	-0.30	0.58	33.7	-0.51	0.86	
BTW6GH	56.2	-0.87	0.99	85.2	-0.64	0.55	104.9	-0.44	0.60	33.3	-0.87	0.30	31.8	-0.85	0.36	
CH8YY6	70.0	1.06	0.12	82.9	-0.82	0.08	119.2	0.41	0.84	40.7	0.94	0.04	43.0	1.18	0.10	
CLUB7M	71.7	1.28	0.53	104.3	0.87	0.44	125.0	0.75	0.37	41.7	1.17	0.29	40.7	0.75	0.65	
DNVYW W	62.3	-0.01	0.26	82.5	-0.85	0.14	103.5	-0.53	0.09	33.5	-0.83	0.25	32.4	-0.74	0.18	
DTN69D	64.5	0.29		104.7	0.90	0.33	133.0	1.23	0.19	39.9	0.75	0.16	38.7	0.40	0.42	
E39QVM	57.1	-0.75	0.43	86.7	-0.52	0.16	107.4	-0.30	0.28	36.2	-0.17	0.24	33.7	-0.51	0.97	
ER8FFK	71.4	1.25		105.0	0.92		141.0	1.70		40.1	0.79		42.2	1.02		
G4D3LM	66.0	0.50	0.46	100.0	0.53	0.76	135.7	1.39	0.65	40.7	0.93	1.75	38.7	0.39	0.86	
GJB6AM	55.7	-0.93	0.03	94.5	0.10	0.34	106.6	-0.34	0.14	38.0	0.28	0.41	38.0	0.28	0.66	
J3VQ6U	73.3	1.51	0.11	88.1	-0.41	0.22	115.0	0.16	0.12	36.9	0.00	0.40	45.9	1.69	0.56	
JGYWFT	62.3	-0.01	2.88	97.5	0.33	1.65	125.7	0.79	1.05	35.7	-0.30	1.75	36.3	-0.03	1.98	
JU2LBT	56.8	-0.78	0.16	88.7	-0.36	0.32	111.7	-0.04	0.21	34.8	-0.52	0.37	34.0	-0.45	0.06	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
K2GNP9	59.1	-0.46	0.90	88.8	-0.35	0.73	99.9	-0.74	0.34	36.7	-0.05	0.39	34.9	-0.29	0.13	
KACN98	65.0	0.36	1.19	98.0	0.37	0.50	103.0	-0.55	0.28	28.2	-2.13	0.52	25.8	-1.92	0.43	
KRVFBD	73.1	1.49	1.99	99.5	0.49	2.20	112.3	0.00	0.50	38.6	0.43	1.53	36.9	0.08	1.36	
M74BGJ	63.7	0.17	0.20	96.8	0.28	0.09	117.2	0.29	0.26	39.3	0.58	0.28	36.8	0.05	0.29	
MEXFBK	72.2	1.36	0.30	94.6	0.11	2.52	100.6	-0.70	5.34	40.8	0.97	3.12	48.5	2.16	0.16	
MR2LKJ	56.8	-0.79	1.05	88.3	-0.40	0.59	71.6	-2.42	0.21	33.5	-0.83	0.46	34.3	-0.39	0.76	
NDD2DV	68.7	0.87	1.56	99.5	0.49	2.51	112.3	0.00	0.39	40.5	0.89	0.70	40.9	0.78	1.25	
NU2ERM	75.6	1.83	0.53	118.3	1.97	0.85	144.7	1.92	0.70	48.3	2.79	1.23	43.2	1.21	1.25	
PJLM4D	62.0	-0.07	0.27	84.3	-0.71	0.27	113.6	0.08	0.22	35.2	-0.41	0.47	33.5	-0.54	0.15	
R4FAJY	58.5	-0.55	0.14	88.5	-0.38	0.13	109.3	-0.18	0.37	37.1	0.05	0.29	32.8	-0.67	0.23	
R9TAHB	59.9	-0.36	0.72	71.9	-1.69	0.45	80.6	-1.88	0.08	36.6	-0.07	0.55	42.2	1.03	0.66	
TBXZM6	67.9	0.76	0.23	103.3	0.79	0.60	120.5	0.48	0.76	38.0	0.27	0.42	36.5	0.00	0.98	
TJR6F7	63.4	0.13	0.43	89.1	-0.33	0.20	116.4	0.24	0.37	39.0	0.52	0.15	35.6	-0.17	0.19	
UQNHVZ	69.5	0.98	0.89	108.3	1.18	0.44	109.3	-0.18	0.21	35.6	-0.32	0.08	38.2	0.31	0.35	
V9JBED	56.4	-0.84	0.08	92.4	-0.07	0.31	106.6	-0.34	0.78	36.1	-0.20	0.40	34.4	-0.39	0.24	
VTVZRB	59.9	-0.35	0.00	82.7	-0.84	0.00	110.6	-0.10	0.00	35.4	-0.36	0.00	33.1	-0.61	0.00	
WMVAHG	60.3	-0.29	0.95	89.3	-0.31	0.33	110.0	-0.14	0.85	37.7	0.19	1.04	36.7	0.03	0.33	
XWE9J7	64.3	0.26	0.70	101.3	0.63	1.19	127.7	0.91	0.92	39.0	0.52	0.50	40.7	0.75	0.86	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	62.4			93.3			112.3			36.9			36.5			
Median Abs Dev	3.9			6.4			8.4			2.4			3.0			
Avg Within Lab SD	2.2			3.5			5.4			2.0			1.8			
Labs Included	41			42			42			41			41			
Labs Reporting	43			43			43			43			43			



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

Data units: mg/kg

WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GNUBF	176.6	2.32	3.22	589.4	2.17	0.77	120.3	3.85X	4.84	155.1	2.26	2.00	795.2	2.61	1.95
4PXMV	153.9	1.22	0.03	436.2	-0.37	0.15	84.4	0.57	0.27	134.5	0.77	0.14	704.1	1.50	0.60
6DN78D	147.8	0.92	0.22	397.7	-1.01	0.04	74.3	-0.35	0.03	131.9	0.59	0.36	580.1	-0.02	0.48
6GNCLJ	119.1	-0.47	1.13	400.0	-0.97	0.80	67.2	-1.00	0.69	115.0	-0.63	1.62	526.9	-0.66	1.59
6PTJ2J	152.6	1.16	0.30	444.4	-0.23	0.12	72.3	-0.54	1.41	128.5	0.34	0.26	695.0	1.39	0.21
6WH2J2	110.3	-0.90	0.00	452.7	-0.10	0.00	58.6	-1.78	0.00	101.7	-1.59	0.00	517.2	-0.78	0.00
89JGEV	130.0	0.06	1.36	510.1	0.86	0.54	90.8	1.15	1.10	129.1	0.39	0.77	614.1	0.40	3.01
8YX9ZY	162.3	1.63	1.08	451.7	-0.11	0.77	73.7	-0.41	1.29	136.7	0.93	0.99	758.3	2.16	2.07
9MJE3R	106.8	-1.07	0.13	520.1	1.02	0.31	91.6	1.23	0.52	112.4	-0.82	0.46	550.5	-0.38	0.70
9T78AK	161.9	1.61	0.17	530.0	1.19	0.76	88.7	0.96	0.39	168.2	3.21X	1.18	517.3	-0.78	0.14
AGRHYM	110.7	-0.88	1.23	464.3	0.10	0.29	73.7	-0.41	0.17	110.3	-0.97	0.30	523.7	-0.70	0.15
BFNJV4	132.5	0.18	0.01	374.3	-1.40	0.27	72.2	-0.54	1.07	113.3	-0.75	0.16	596.4	0.18	0.48
BLYF2Y	106.3	-1.10	0.15	409.3	-0.82	0.08	82.0	0.35	0.57	107.0	-1.21	0.34	466.0	-1.41	0.21
BTW6GH	103.8	-1.22	0.74	448.3	-0.17	0.34	74.5	-0.33	0.98	110.1	-0.98	0.61	507.5	-0.90	0.29
CH8YY6	139.4	0.51	0.12	391.1	-1.12	0.25	78.2	0.01	0.74	122.6	-0.08	0.41	638.1	0.69	0.70
CLUB7M	124.7	-0.20	0.28	460.3	0.03	0.22	76.7	-0.13	0.17	114.7	-0.65	0.11	560.7	-0.25	0.47
DNVYW W	107.5	-1.04	0.07	415.3	-0.72	0.02	70.8	-0.67	0.20	110.5	-0.95	0.10	573.5	-0.10	0.03
DTN69D	128.3	-0.02	0.08	582.0	2.05	0.10	97.9	1.81	0.32	139.3	1.12	0.49	635.3	0.66	0.85
E39QVM	130.5	0.08	4.23	444.3	-0.24	5.29	65.9	-1.12	0.81	101.6	-1.60	0.76	479.8	-1.24	2.19
ER8FFK	141.0	0.59		580.0	2.02		94.2	1.47		158.0	2.47		683.0	1.24	
G4D3LM	126.0	-0.14	0.23	477.7	0.32	0.66	91.7	1.24	0.72	124.0	0.02	0.78	575.7	-0.07	0.77
GJB6AM	144.0	0.74	0.14	521.0	1.04	0.08	82.4	0.39	0.36	151.0	1.97	0.47	721.4	1.71	0.35
J3VQ6U	157.5	1.40	0.71	393.8	-1.08	0.37	77.4	-0.07	0.28	129.3	0.40	0.69	685.1	1.27	0.73
JGYWFT	129.3	0.02	0.40	479.0	0.34	0.74	87.0	0.81	0.63	126.8	0.22	0.30	583.8	0.03	1.11
JU2LBT	121.0	-0.38	0.26	442.3	-0.27	0.18	79.1	0.09	0.65	123.7	0.00	0.30	543.3	-0.46	0.18



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
K2GNP9	111.1	-0.86	0.13	456.7	-0.03	0.15	69.5	-0.78	0.41	123.7	0.00	0.22	539.0	-0.52	0.50
KACN98	117.0	-0.58	0.17	486.2	0.46	0.11	74.8	-0.30	0.71	120.8	-0.21	0.41	523.7	-0.70	0.37
LN88KP	112.7	-0.79	1.12	408.3	-0.83	0.53	84.0	0.54	1.15	132.3	0.62	0.30	572.0	-0.11	1.50
M74BGJ	123.6	-0.25	0.29	489.5	0.52	0.17	81.4	0.30	0.06	123.2	-0.04	0.76	582.6	0.02	0.21
MEXFBK	172.0	2.10	1.21	438.0	-0.34	0.87	67.9	-0.94	4.69	130.0	0.45	4.51	719.0	1.68	0.66
MR2LKJ	121.1	-0.38	0.68	476.8	0.30	0.60	64.6	-1.24	0.39	122.0	-0.13	1.10	550.6	-0.38	1.63
NDD2DV	135.7	0.33	1.20	532.0	1.22	2.87	71.0	-0.65	0.29	138.3	1.05	1.26	599.3	0.22	0.39
NU2ERM	134.5	0.28	0.74	560.8	1.70	0.19	89.9	1.07	0.57	141.1	1.25	1.36	604.7	0.29	1.43
PJLM4D	133.9	0.25	0.34	448.4	-0.17	0.25	86.6	0.78	1.07	127.6	0.28	0.52	568.9	-0.15	0.91
R4FAJY	125.3	-0.17	0.09	484.9	0.44	0.27	79.4	0.12	0.44	123.2	-0.04	0.35	593.9	0.15	0.23
R9TAHB	139.1	0.50	0.28	402.1	-0.94	0.07	63.5	-1.34	0.30	121.7	-0.14	0.19	673.5	1.12	0.07
TBXZM6	108.9	-0.97	0.35	448.7	-0.16	0.24	84.5	0.58	1.36	119.2	-0.32	0.57	506.7	-0.91	0.29
TJR6F7	129.3	0.02	0.77	484.9	0.44	0.44	80.0	0.17	0.57	119.4	-0.31	1.17	598.8	0.21	0.23
TQBDZW	114.3	-0.71	0.53	462.0	0.06	0.16	74.2	-0.36	0.60	124.7	0.07	0.69	567.3	-0.17	0.62
UQNHVZ	124.0	-0.24	0.35	451.7	-0.11	0.09	78.1	0.00	0.22	122.7	-0.08	0.11	575.7	-0.07	0.30
V9JBED	126.3	-0.12	0.16	490.1	0.52	0.16	76.7	-0.14	0.03	126.6	0.20	0.77	583.8	0.03	0.56
VTVZRB	121.3	-0.37	0.00	439.8	-0.31	0.00	80.2	0.19	0.00	116.4	-0.53	0.00	563.1	-0.22	0.00
WMVAHG	132.3	0.17	0.50	475.7	0.29	0.40	73.7	-0.41	1.01	129.3	0.40	0.79	635.3	0.66	0.56
XWE9J7	143.7	0.72	0.65	524.7	1.10	0.55	96.7	1.69	1.09	139.7	1.15	0.82	620.0	0.47	1.73

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	128.8			458.5			78.1			123.7			581.4		
Median Abs Dev	11.2			27.0			5.9			7.3			40.5		
Avg Within Lab SD	7.6			25.3			3.5			5.1			17.0		
Labs Included	44			44			43			43			44		
Labs Reporting	44			44			44			44			44		



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GNUBF	3,361.1	0.60	0.23	1,485.2	0.99	1.02	554.9	1.86	0.88	870.3	1.12	0.50	2,146.0	1.55	0.80	
4PXMV	2,463.5	-1.41	4.89	39,543.5	215.72X	2.79	454.4	0.31	0.11	833.5	0.71	0.20	1,607.0	-0.71	2.13	
6DN78D	3,409.3	0.71	0.16	1,201.5	-0.61	0.39	386.6	-0.73	0.22	825.4	0.62	0.06	1,888.0	0.47	0.31	
6GNCLJ	2,756.1	-0.75	1.38	1,165.1	-0.81	1.79	372.9	-0.94	0.82	702.3	-0.73	1.61	1,573.0	-0.85	1.20	
6PTJ2J	3,682.4	1.32	0.22	1,193.9	-0.65	0.54	327.8	-1.64	0.70	768.6	0.00	0.21	2,000.5	0.94	0.25	
89JGEV	3,773.1	1.53	1.42	1,698.1	2.19	0.68	490.0	0.86	1.26	882.4	1.25	1.05	2,165.9	1.64	2.50	
8YX9ZY	4,028.3	2.10	0.62	1,213.3	-0.54	1.23	387.7	-0.72	1.21	810.3	0.46	1.05	2,195.3	1.76	1.81	
9MJE3R	2,633.0	-1.03	0.35	1,282.3	-0.15	1.35	478.3	0.68	0.14	645.0	-1.36	1.35	1,470.0	-1.28	0.90	
9T78AK	4,867.7	3.98X	0.53	1,550.3	1.36	1.02	453.4	0.30	0.74	1,010.2	2.65X	0.30	2,810.2	4.34X	0.20	
AGRHYM	2,720.3	-0.84	1.28	1,282.7	-0.15	0.02	435.0	0.01	0.50	690.3	-0.86	0.11	1,571.7	-0.85	0.45	
BFNJV4	3,250.0	0.35	0.17	1,004.3	-1.72	0.50	340.0	-1.45	0.82	664.7	-1.14	0.14	1,707.4	-0.29	0.34	
BLYF2Y	2,691.3	-0.90	0.12	1,309.3	0.00	0.05	489.7	0.85	0.07	736.3	-0.35	0.05	1,592.7	-0.77	0.07	
BTW6GH	2,454.3	-1.43	0.78	1,184.0	-0.71	0.53	359.0	-1.16	0.62	628.8	-1.53	0.31	1,430.0	-1.45	0.25	
CH8YY6	3,143.7	0.11	0.12	993.2	-1.78	0.34	371.1	-0.97	0.76	673.3	-1.05	0.29	1,775.5	0.00	0.18	
CLUB7M	3,192.0	0.22	0.66	1,433.7	0.70	1.29	473.7	0.61	0.75	822.7	0.59	0.06	1,918.0	0.60	0.31	
DNVYW W	2,780.0	-0.70	0.06	1,200.3	-0.61	0.05	366.0	-1.05	0.05	690.0	-0.86	0.03	1,532.8	-1.02	0.01	
DTN69D	3,047.7	-0.10	0.04	1,520.7	1.19	0.22	469.3	0.54	0.19	795.0	0.29	0.28	1,780.7	0.02	0.70	
E39QVM	2,755.5	-0.76	0.66	1,193.0	-0.66	0.87	379.5	-0.84	0.41	667.2	-1.11	0.52	1,610.1	-0.69	1.96	
ER8FFK	3,400.0	0.69		1,500.0	1.08		395.0	-0.60		888.0	1.31		1,875.0	0.42		
G4D3LM	3,203.3	0.25	0.43	1,437.3	0.72	0.57	484.0	0.77	0.40	743.0	-0.28	1.15	1,788.0	0.05	0.24	
GJB6AM	3,391.0	0.67	0.20	1,463.3	0.87	0.05	482.0	0.74	0.12	958.4	2.08	0.07	2,150.0	1.57	0.34	
J3VQ6U	3,496.9	0.91	0.38	1,092.4	-1.22	0.72	386.9	-0.73	0.26	735.9	-0.36	0.12	1,936.7	0.68	0.39	
JGYWFT	3,274.2	0.41	0.65	1,399.2	0.51	1.99	463.2	0.45	0.65	811.7	0.47	0.71	1,793.5	0.08	0.23	
JU2LBT	2,711.7	-0.85	0.14	1,199.3	-0.62	0.59	376.3	-0.89	0.16	747.0	-0.24	0.19	1,543.0	-0.97	0.21	
K2GNP9	2,689.0	-0.91	0.51	1,321.0	0.07	0.38	400.8	-0.51	0.50	739.7	-0.32	0.11	1,622.3	-0.64	1.47	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KACN98	2,774.8	-0.71	0.10	1,278.5	-0.17	0.38	413.8	-0.31	0.35	715.2	-0.59	0.44	1,554.7	-0.93	0.29	
LN88KP	2,485.7	-1.36	1.20	1,256.7	-0.30	2.40	595.7	2.49X	1.95	885.0	1.28	0.22	1,681.3	-0.39	1.05	
M74BGJ	3,013.7	-0.18	0.02	1,343.7	0.19	0.28	461.5	0.42	0.47	805.8	0.41	0.18	1,666.3	-0.46	0.31	
MEXFBK	3,693.3	1.35	1.20	1,293.3	-0.09	2.19	449.7	0.24	5.01	882.0	1.24	4.59	2,140.0	1.53	0.70	
MR2LKJ	3,118.1	0.06	0.92	1,481.3	0.97	1.76	316.2	-1.82	0.33	760.8	-0.09	1.25	1,806.7	0.13	1.73	
NDD2DV	3,447.0	0.79	1.13	1,488.7	1.01	1.54	452.0	0.27	1.49	896.3	1.40	1.49	1,959.0	0.77	2.71	
NU2ERM	3,345.0	0.57	0.75	1,569.1	1.47	0.45	446.6	0.19	0.31	853.5	0.93	1.00	1,801.5	0.11	1.19	
PJLM4D	2,892.3	-0.45	0.35	1,285.1	-0.14	0.51	445.0	0.17	0.54	775.2	0.07	0.41	1,685.4	-0.38	0.15	
R4FAJY	3,006.0	-0.19	0.36	1,324.8	0.09	0.58	434.2	0.00	0.49	804.6	0.40	0.11	1,758.8	-0.07	0.19	
R9TAHB	3,381.4	0.65	0.05	1,129.6	-1.01	0.15	331.3	-1.58	0.15	734.1	-0.38	0.06	2,077.7	1.27	0.06	
TBXZM6	2,821.2	-0.61	0.85	1,429.6	0.68	1.36	449.0	0.23	0.22	722.1	-0.51	0.67	1,592.4	-0.77	0.54	
TJR6F7	3,082.6	-0.02	0.08	1,331.0	0.12	0.35	458.9	0.38	0.58	759.6	-0.10	0.49	1,741.8	-0.14	0.50	
TQBDZW	2,858.7	-0.52	0.25	1,309.3	0.00	0.21	385.3	-0.75	0.73	765.3	-0.04	1.35	1,669.7	-0.44	0.29	
V9JBED	3,155.3	0.14	0.25	1,469.3	0.90	0.83	430.7	-0.05	0.78	817.0	0.53	0.49	1,818.0	0.18	0.25	
VTVZRB	2,961.8	-0.29	0.00	1,266.7	-0.24	0.00	474.6	0.62	0.00	736.9	-0.35	0.00	1,685.7	-0.38	0.00	
WMVAHG	3,182.7	0.20	0.29	1,307.0	-0.01	0.30	429.7	-0.07	0.54	786.3	0.19	0.37	1,842.7	0.28	0.13	
XWE9J7	3,092.7	0.00	0.73	1,368.0	0.33	1.49	412.0	-0.34	0.72	774.3	0.06	1.18	1,807.0	0.13	1.09	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	3,092.7	1,309.3	434.2	768.6	1,775.5	
Median Abs Dev	298.3	115.5	40.4	48.4	153.1	
Avg Within Lab SD	156.0	30.5	21.6	32.1	62.2	
Labs Included	41	41	41	41	41	
Labs Reporting	42	42	42	42	42	



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GNUBF	364.0	1.05	1.43	349.8	1.12	1.54	99.9	1.65	1.07	70.2	0.71	0.45	511.7	1.64	0.26	
4PXMV	401.8	1.75	0.24	282.7	-0.71	0.21	80.1	0.00	0.08	60.1	-0.45	0.27	470.5	0.96	0.04	
6DN78D	345.1	0.71	0.14	305.5	-0.09	0.14	80.7	0.05	0.31	68.8	0.55	0.59	469.6	0.95	0.09	
6GNCLJ	267.8	-0.71	1.50	272.0	-1.00	1.31	75.9	-0.36	0.82	62.3	-0.20	1.27	356.8	-0.91	0.68	
6PTJ2J	370.1	1.16	0.63	292.8	-0.43	0.57	66.0	-1.18	0.77	52.2	-1.35	0.64	473.6	1.01	0.05	
89JGEV	351.9	0.83	0.19	381.1	1.98	0.87	94.1	1.16	0.89	66.2	0.25	1.01	462.6	0.83	1.15	
8YX9ZY	413.0	1.95	1.89	300.7	-0.22	0.84	75.7	-0.37	1.79	64.0	0.00	1.89	527.7	1.90	0.95	
9MJE3R	215.7	-1.67	0.30	269.0	-1.08	0.65	79.3	-0.07	0.56	55.0	-1.03	3.11	293.3	-1.96	0.19	
9T78AK	411.1	1.92	0.70	296.5	-0.33	0.72	59.7	-1.70	0.08	46.9	-1.96	0.23	517.3	1.73	0.08	
AGRHYM	262.7	-0.81	1.88	298.3	-0.28	0.52	81.7	0.13	0.56	56.2	-0.89	0.25	351.0	-1.01	0.07	
BFNJV4	313.5	0.12	0.14	238.7	-1.91	0.50	60.8	-1.61	0.90	50.6	-1.53	0.11	409.5	-0.04	0.24	
BLYF2Y	269.0	-0.69	0.25	296.3	-0.34	0.13	84.7	0.38	0.87	57.3	-0.76	0.74	360.3	-0.85	0.09	
BTW6GH	237.3	-1.27	1.21	280.7	-0.76	0.48	67.8	-1.02	0.74	47.4	-1.91	0.47	325.0	-1.44	0.14	
CH8YY6	333.5	0.49	0.11	245.3	-1.73	0.21	72.7	-0.62	0.69	52.9	-1.27	0.11	421.0	0.14	0.03	
CLUB7M	298.3	-0.15	0.24	330.0	0.58	0.76	89.0	0.74	0.27	63.7	-0.04	0.21	406.3	-0.10	0.05	
DNVYW W	301.3	-0.10	0.30	306.0	-0.07	0.12	70.2	-0.83	0.21	10.5	-6.14X	0.18	368.3	-0.72	0.05	
DTN69D	296.0	-0.20	0.25	356.7	1.31	0.27	86.3	0.52	0.16	55.4	-0.98	0.30	409.3	-0.05	0.29	
E39QVM	281.1	-0.47	0.69	306.8	-0.05	0.39	81.9	0.14	0.59	55.7	-0.95	0.82	390.2	-0.36	0.96	
ER8FFK	328.0	0.39		356.0	1.29		62.9	-1.43		66.1	0.24		446.0	0.56		
G4D3LM	313.3	0.12	0.29	339.3	0.84	0.71	116.0	2.99X	0.97	77.7	1.57	1.25	422.7	0.17	0.36	
GJB6AM	341.4	0.64	0.04	340.3	0.87	0.09	78.5	-0.13	0.25	69.9	0.68	0.11	397.7	-0.24	5.75	
J3VQ6U	378.6	1.32	1.14	292.3	-0.45	0.71	73.9	-0.52	0.27	55.0	-1.03	0.19	494.6	1.36	0.32	
JGYWFT	319.5	0.24	0.99	334.2	0.70	1.92	84.8	0.39	0.47	66.5	0.29	0.64	416.3	0.07	0.23	
JU2LBT	277.0	-0.54	0.28	297.7	-0.30	1.28	69.7	-0.87	0.78	61.7	-0.26	0.25	366.3	-0.76	0.25	
K2GNP9	272.3	-0.63	0.38	311.5	0.08	0.15	78.4	-0.14	0.49	61.8	-0.26	1.22	389.1	-0.38	0.18	



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KACN98	281.3	-0.46	0.39	319.0	0.28	0.66	80.5	0.03	0.47	59.7	-0.50	1.25	361.0	-0.84	0.19	
LN88KP	246.0	-1.11	1.80	254.0	-1.49	0.99	93.0	1.07	1.35	75.0	1.26	0.36	361.3	-0.84	0.73	
M74BGJ	289.5	-0.32	0.25	317.4	0.24	0.29	90.7	0.88	0.02	65.8	0.21	0.14	396.6	-0.26	0.28	
MEXFBK	365.3	1.08	1.79	291.7	-0.46	1.45	77.4	-0.23	4.83	64.4	0.04	2.93	478.0	1.09	0.32	
MR2LKJ	271.5	-0.64	1.15	314.5	0.16	1.20	56.2	-1.99	0.43	57.3	-0.77	1.62	380.8	-0.52	0.80	
NDD2DV	341.7	0.64	2.88	346.0	1.02	3.48	84.7	0.38	0.68	71.7	0.88	0.21	432.0	0.33	0.50	
NU2ERM	327.1	0.38	1.51	380.7	1.97	0.82	79.9	-0.02	0.24	68.0	0.46	1.20	429.3	0.28	0.75	
PJLM4D	300.7	-0.11	0.59	309.6	0.03	0.50	89.2	0.75	0.45	67.2	0.37	0.16	403.9	-0.14	0.11	
R4FAJY	298.0	-0.16	0.53	328.7	0.55	0.86	84.6	0.37	0.13	71.7	0.89	0.18	412.6	0.01	0.08	
R9TAHB	374.9	1.25	0.24	274.8	-0.92	0.22	66.6	-1.13	0.36	58.0	-0.69	0.11	493.5	1.34	0.06	
TBXZM6	270.6	-0.66	0.65	325.1	0.45	0.92	83.1	0.25	0.14	64.9	0.11	1.13	356.1	-0.92	0.19	
TJR6F7	326.2	0.36	0.77	327.6	0.52	0.88	83.1	0.24	0.65	66.8	0.32	0.70	411.8	-0.01	0.08	
TQBDZW	290.7	-0.29	0.55	325.7	0.47	1.22	58.5	-1.80	0.59	59.9	-0.47	0.38	417.0	0.08	0.41	
V9JBED	312.0	0.10	1.54	331.4	0.62	0.34	84.1	0.33	0.45	67.7	0.42	0.24	419.0	0.11	0.15	
VTVZRB	287.8	-0.35	0.00	297.0	-0.32		93.7	1.13	0.00	65.9	0.22	0.00	383.5	-0.47		
WMVAHG	324.3	0.32	0.45	307.7	-0.03	0.33	86.3	0.52	0.95	67.3	0.38	1.09	429.0	0.28	0.10	
XWE9J7	297.7	-0.16	0.74	320.0	0.31	1.71	74.0	-0.51	0.54	68.3	0.50	0.41	453.3	0.68	0.39	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	306.7			308.6			80.1			64.0			412.2			
Median Abs Dev	32.0			18.0			6.2			4.3			37.5			
Avg Within Lab SD	10.6			8.6			3.7			2.8			29.4			
Labs Included	42			42			41			41			42			
Labs Reporting	42			42			42			42			42			



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4PXMV	14.8	-0.65	0.25	57.1	-0.96	1.36	4.8	-1.62	1.29	8.5	-1.22	1.13	8.8	-1.26	0.09	
6DN78D	18.5	0.18	0.61	70.7	0.26	0.59	16.1	0.67	0.58	22.1	1.73	0.23	20.0	1.35	0.65	
6GNCLJ	18.2	0.11	2.85	58.2	-0.86	1.53	16.3	0.71	1.39	15.3	0.26	1.10	16.5	0.53	3.96	
89JGEV	18.3	0.13	0.94	69.7	0.18	0.24	13.9	0.21	0.64	16.0	0.40	0.18	14.0	-0.05	0.78	
8YX9ZY	22.0	0.97	1.99	65.0	-0.25	1.77	11.0	-0.37	2.19	16.3	0.48	3.20	17.7	0.80	2.13	
9MJE3R	12.7	-1.13	0.87	3.7	-5.79X	0.22	13.3	0.10	0.93	10.7	-0.76	2.28	13.0	-0.29		
9T78AK	51.0	7.50X	3.56	104.2	3.30X	5.02	21.8	1.82	4.04	48.8	7.55X	5.13	34.6	4.74X	3.34	
AGRHYM	15.5	-0.50	0.44	64.4	-0.30	0.76	11.2	-0.34	0.07	13.0	-0.26	0.43	12.9	-0.31	0.36	
BFNJV4	10.7	-1.58	0.28	39.3	-2.57	0.29	5.3	-1.53	0.35	7.1	-1.54	0.07	7.5	-1.55	0.21	
BTW6GH	11.3	-1.43	0.22	59.2	-0.77	0.54	7.5	-1.08	0.19	9.7	-0.98	0.01	9.7	-1.06	0.33	
CH8YY6	18.5	0.19	1.09	55.8	-1.08	0.33	11.1	-0.34	0.12	13.4	-0.15	0.67	14.1	-0.02	0.26	
CLUB7M	42.7	5.63X	1.89	91.0	2.10	0.77	37.3	4.98X	1.85	36.0	4.76X	0.71	33.7	4.51X	2.64	
DNVYW W	17.5	-0.04	0.38	58.4	-0.84	0.16	14.5	0.33	0.27	16.8	0.57	0.18	14.8	0.12	0.18	
DTN69D	10.3	-1.65	0.04	72.4	0.42	0.13	5.5	-1.49	0.02	7.8	-1.37	0.10	7.1	-1.66	0.11	
E39QVM	20.3	0.60	0.84	72.1	0.40	0.62	14.7	0.38	0.66	14.4	0.05	1.00	16.2	0.46	0.18	
GJB6AM	25.6	1.79	0.19	80.5	1.15	0.26	19.0	1.26	0.47	21.3	1.55	0.52	22.1	1.82	0.83	
J3VQ6U	12.6	-1.15	0.08	51.9	-1.43	0.29	4.1	-1.77	0.42	7.4	-1.47	0.53	8.4	-1.36	0.34	
K2GNP9	13.5	-0.94	0.31	64.4	-0.30	0.20	9.7	-0.63	0.66	11.8	-0.51	0.13	14.3	0.02	0.57	
M74BGJ	17.4	-0.06	0.11	70.3	0.24	0.57	11.3	-0.32	0.28	13.9	-0.05	0.55	12.9	-0.31	0.60	
MEXFBK	27.6	2.24	1.58	81.0	1.20	1.29	15.4	0.53	1.38	20.5	1.38	1.88	22.8	1.98	0.80	
MR2LKJ	14.3	-0.75	1.27	68.1	0.03	1.90	7.4	-1.10	0.79	12.0	-0.48	1.30	11.1	-0.72	1.74	
NDD2DV	16.2	-0.33	2.04	73.8	0.55	3.39	9.8	-0.61	0.54	13.9	-0.05	0.72	11.7	-0.60	0.52	
NU2ERM	19.7	0.45	1.44	82.0	1.29	0.44	12.8	0.00	0.03	16.8	0.58	0.96	14.8	0.12	0.46	
PJLM4D	18.5	0.19	0.33	64.9	-0.26	0.35	13.6	0.15	0.07	16.5	0.51	0.19	15.7	0.35	0.03	
R4FAJY	19.3	0.36	0.32	70.8	0.28	0.42	13.4	0.11	0.15	16.8	0.58	0.52	15.5	0.30	0.04	



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R9TAHB	17.0	-0.16	0.29	53.9	-1.25	0.29	7.8	-1.02	0.12	10.0	-0.90	0.18	10.2	-0.93	0.20	
TBXZM6	17.9	0.04	1.47	64.7	-0.27	0.72	14.4	0.32	0.13	15.9	0.38	0.17	15.7	0.34	0.45	
TJR6F7	20.0	0.52	0.30	72.0	0.38	0.88	13.2	0.08	0.21	16.6	0.53	0.25	15.9	0.38	0.21	
V9JBED	21.6	0.88	0.13	73.5	0.52	0.22	15.7	0.59	0.00	16.8	0.58	0.32	16.6	0.54	0.57	
VTVZRB	19.2	0.34	0.00	67.8	0.01	0.00	13.7	0.18	0.00	16.0	0.40		15.9	0.39	0.00	
WMVAHG	17.3	-0.08	0.43	67.7	-0.01	0.80	10.3	-0.51	0.35	13.3	-0.18	1.09	13.0	-0.29		
XWE9J7	14.2	-0.79	0.49	66.7	-0.10	0.59	9.3	-0.72	0.21	12.6	-0.34	0.14	12.8	-0.33	0.34	

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	17.7			67.7			12.8			14.1			14.2			
Median Abs Dev	2.3			4.5			2.6			2.4			1.8			
Avg Within Lab SD	1.3			2.6			1.6			1.4			1.4			
Labs Included	30			30			31			30			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	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	13.9	-0.93	2.20	27.7	-0.36	0.57	10.2	-0.63	0.47	9.6	-0.69	2.21	7.4	-0.69	2.04	
3GNUBF	19.0	1.12	1.49	34.1	1.11	0.34	17.7	1.98	0.23	14.7	1.43	0.63	12.5	1.32	0.75	
4PXMV	22.0	2.34	0.35	30.1	0.19	0.13	13.1	0.40	0.46	11.5	0.12	0.83	16.7	2.99	1.33	
6DN78D	17.6	0.55	0.15	29.2	-0.02	0.05	11.9	-0.04	0.07	13.4	0.89	0.27	10.8	0.65	0.39	
6GNCLJ	16.5	0.14	1.90	26.9	-0.54	0.50	9.7	-0.78	0.53	11.7	0.19	2.71	10.0	0.32	2.85	
6PTJ2J	52.4	14.53X	3.24	41.7	2.83	0.82	30.6	6.48X	0.20	32.2	8.76X	3.15	45.1	14.24X	5.59	
89JGEV	16.7	0.22	1.52	33.6	0.99	0.62	16.3	1.49	0.21	13.3	0.86	0.97	10.3	0.46	1.60	
8YX9ZY	28.0	4.74X	14.28	36.0	1.54	5.29	20.7	3.02	5.15	20.7	3.94X	12.84	20.7	4.55X	17.69	
9MJE3R	10.3	-2.34	0.66	22.0	-1.65	0.39	9.0	-1.03	0.41	7.7	-1.50	1.67	6.3	-1.13	2.31	
AGRHYM	14.9	-0.51	1.32	27.6	-0.38	0.40	10.9	-0.36	0.18	9.7	-0.64	0.48	8.5	-0.28	0.50	
BFNJV4	13.9	-0.93	0.12	21.2	-1.83	0.16	10.1	-0.66	0.42	8.0	-1.37	0.13	7.1	-0.83	0.19	
BTW6GH	15.2	-0.41	0.94	29.3	0.00	0.15	11.8	-0.08	0.17	10.1	-0.47	0.29	9.7	0.19	0.65	
CH8YY6	16.2	0.01	0.39	22.0	-1.66	0.12	12.1	0.04	0.14	9.7	-0.63	0.14	8.8	-0.14	0.05	
CLUB7M	19.0	1.13	1.98	33.3	0.93	0.45	14.3	0.82	0.47	13.0	0.73	1.10	11.7	0.99	0.87	
DNVYW W	15.8	-0.16	0.29	27.5	-0.40	0.20	11.8	-0.07	0.10	10.0	-0.52	0.11	8.0	-0.47	0.12	
DTN69D	11.7	-1.80	0.41	30.5	0.29	0.11	13.0	0.34	0.13	7.5	-1.57	0.08	3.8	-2.15	0.26	
E39QVM	14.0	-0.89	0.54	27.1	-0.49	0.23	11.2	-0.26	0.08	10.1	-0.50	0.28	8.2	-0.37	0.52	
GJB6AM	15.8	-0.16	0.29	32.1	0.64	0.12	11.7	-0.10	0.14	11.8	0.22	0.87	9.3	0.03	0.09	
JU2LBT	14.0	-0.87	0.41	28.1	-0.25	0.33	11.1	-0.32	0.15	9.5	-0.72	0.13	8.5	-0.28	0.23	
K2GNP9	16.4	0.08	0.75	28.9	-0.09	0.09	11.2	-0.26	0.37	11.5	0.11	0.55	9.6	0.18	0.84	
M74BGJ	16.0	-0.08	1.17	32.2	0.67	0.59	13.3	0.45	0.23	11.2	0.00	0.42	9.9	0.28	0.86	
MEXFBK	19.2	1.21	0.50	29.2	-0.01	0.60	12.1	0.04	1.28	12.4	0.49	2.42	11.9	1.08	0.26	
MR2LKJ	30.2	5.61X	1.58	33.8	1.04	0.30	5.3	-2.32	0.74	10.8	-0.18	1.40	14.6	2.15	0.42	
NDD2DV	18.4	0.91	0.92	31.0	0.39	0.95	11.4	-0.19	0.49	12.0	0.33	0.92	10.4	0.50	1.43	
PJLM4D	16.1	-0.02	0.69	27.9	-0.31	0.49	12.4	0.13	0.12	9.2	-0.86	0.23	8.1	-0.41	0.30	



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R4FAJY	16.6	0.17	0.59	29.5	0.06	0.14	13.2	0.43	0.01	11.4	0.07	0.49	8.8	-0.16	0.26	
R9TAHB	103.8	35.14X	1.59	21.0	-1.88	0.41	20.4	2.91	0.35	13.6	0.97	0.51	61.2	20.62X	2.38	
TBXZM6	14.9	-0.53	0.46	31.9	0.60	0.22	13.0	0.34	0.19	6.6	-1.93	0.33	7.2	-0.80	0.17	
TJR6F7	16.2	0.00	0.53	28.6	-0.16	0.30	12.8	0.27	0.22	12.8	0.63	0.09	8.7	-0.21	0.17	
V9JBED	17.6	0.56	1.28	31.4	0.50	0.14	14.8	0.98	0.15	12.5	0.53	0.19	10.0	0.32	0.79	
VTVZRB	16.3	0.05	0.00	28.7	-0.13	0.00	11.4	-0.20	0.00	10.4	-0.35	0.00	9.1	-0.03	0.00	
WMVAHG	15.0	-0.47		29.3	0.02	0.23	11.0	-0.34		9.0	-0.94		7.3	-0.73	0.87	
XWE9J7	18.5	0.93	0.98	30.7	0.32	0.23	12.8	0.29	0.20	12.4	0.48	0.77	9.5	0.11	0.31	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg		
	SRS2301		SRS2302		SRS2303		SRS2304	
Grand Median	16.2		29.3		12.0		11.2	
Median Abs Dev	1.3		1.8		1.0		1.5	
Avg Within Lab SD	0.9		2.5		2.5		0.9	
Labs Included	29		33		32		31	
Labs Reporting	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	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32TGUX	1,070.0	0.66	0.97	350.5	0.86	1.32	705.7	1.17	0.28	795.7	0.91	0.57	742.2	1.49	1.23	
4PXMV	39,349.5	342.32X	9.10	450.5	3.95X	0.43	825.9	2.35	0.48	1,013.7	2.99X	0.58	1,050.1	4.79X	0.23	
6DN78D	1,125.1	1.16	0.14	371.7	1.51	0.08	699.8	1.11	0.12	849.3	1.42	0.13	758.0	1.66	0.49	
6PTJ2J	1,283.3	2.57	0.33	371.4	1.50	0.51	796.1	2.06	1.04	912.8	2.03	0.26	813.4	2.25	0.51	
89JGEV	1,011.3	0.14	1.05	319.6	-0.10	0.79	613.7	0.27	0.94	754.6	0.52	0.66	612.9	0.11	1.85	
8YX9ZY	1,031.3	0.32	0.75	289.3	-1.04	0.11	530.0	-0.56	0.44	693.3	-0.06	0.19	638.7	0.38	1.75	
AGRHYM	902.7	-0.83	2.68	312.0	-0.34	0.68	544.0	-0.42	0.09	630.7	-0.65	0.48	526.0	-0.82	0.14	
BFNJV4	876.6	-1.06	0.33	261.5	-1.90	0.75	489.2	-0.96	0.83	569.4	-1.24	0.11	518.1	-0.91	0.32	
BTW6GH	924.0	-0.64	1.33	334.2	0.35	0.56	609.7	0.23	0.84	677.2	-0.21	0.27	575.7	-0.29	0.28	
CH8YY6	966.7	-0.26	0.07	268.1	-1.70	0.17	528.2	-0.57	0.46	637.0	-0.59	0.17	597.2	-0.06	0.28	
DNVYW W	998.5	0.03	0.10	297.0	-0.80	0.25	532.3	-0.53	0.07	705.7	0.06	0.09	594.7	-0.09	0.24	
DTN69D	992.7	-0.03	0.13	344.7	0.67	0.24	635.3	0.48	0.19	733.7	0.32	0.24	608.7	0.06	0.66	
E39QVM	868.0	-1.14	0.73	297.0	-0.80	0.67	491.6	-0.93	0.25	623.2	-0.73	0.26	539.0	-0.68	1.23	
ER8FFK	1,070.0	0.66		399.0	2.36		727.0	1.38		921.0	2.10		717.0	1.22		
GJB6AM	838.9	-1.40	0.04	322.8	0.00	0.35	535.9	-0.50	0.39	716.1	0.16	0.29	620.7	0.19	0.08	
J3VQ6U	1,129.0	1.19	2.16	332.7	0.30	1.09	639.6	0.52	1.21	766.1	0.63	1.15	715.4	1.20	2.54	
M74BGJ	968.6	-0.24	0.18	332.7	0.30	0.48	584.1	-0.03	0.03	663.9	-0.34	0.16	564.9	-0.41	0.20	
MEXFBK	1,033.3	0.34	0.51	317.7	-0.16	2.89	534.0	-0.52	4.15	768.7	0.66	4.28	740.3	1.47	0.34	
NDD2DV	1,095.7	0.89	1.82	343.7	0.64	2.65	574.0	-0.12	0.59	798.3	0.94	0.69	643.3	0.43	1.72	
PJLM4D	983.9	-0.10	0.19	313.8	-0.28	0.45	605.4	0.18	0.17	626.8	-0.69	0.28	549.3	-0.57	0.53	
R4FAJY	960.3	-0.31	0.29	322.3	-0.02	0.61	527.5	-0.58	0.18	656.3	-0.41	0.15	546.2	-0.61	0.46	
TBXZM6	1,034.0	0.34	0.73	326.7	0.12	0.54	641.8	0.54	0.34	676.7	-0.22	0.99	581.8	-0.23	0.40	
TJR6F7	1,048.9	0.48	0.76	313.9	-0.28	0.20	586.7	0.00	0.35	675.0	-0.23	0.50	572.2	-0.33	0.53	
V9JBED	878.7	-1.04	0.40	327.6	0.15	0.08	521.8	-0.64	0.17	646.5	-0.50	0.06	577.7	-0.27	0.43	
XWE9J7	955.7	-0.36	0.97	323.0	0.00	0.77	609.7	0.23	0.55	758.0	0.56	0.24	643.3	0.43	1.23	



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	995.6	322.9	586.7	699.5	602.9	
Median Abs Dev	62.5	11.1	54.4	60.5	40.4	
Avg Within Lab SD	30.0	10.7	35.3	34.3	19.0	
Labs Included	24	24	25	24	24	
Labs Reporting	25	25	25	25	25	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
32TGUX	2.85	1.06	1.49	4.95	0.05	0.78	6.13	0.14	0.56	2.09	0.74	0.27	1.78	1.00	0.41
3GNUBF	2.77	0.90	1.84	5.75	1.06	1.00	6.70	0.67	3.95	2.77	2.40	1.90	2.33	2.65	4.31
4PXMV	3.30	2.05	0.28	5.68	0.97	0.43	6.74	0.71	0.19	2.54	1.85	0.46	2.24	2.38	0.23
6DN78D	3.73	3.00	0.92	6.46	1.96	0.43	8.16	2.02	0.22	3.63	4.51X	0.59	3.33	5.59X	0.27
6GNCLJ	2.52	0.36	2.79	4.29	-0.78	0.84	4.85	-1.04	1.84	1.70	-0.24	0.50	1.47	0.09	1.15
6PTJ2J	9.50	15.59X	8.38	14.35	11.89X	0.78	22.06	14.83X	2.01	0.99	-1.98	3.49	2.75	3.89X	2.12
89JGEV	2.37	0.02	1.50	5.43	0.65	0.60	6.76	0.72	0.74	1.98	0.46	0.24	1.59	0.46	1.12
8YX9ZY	2.79	0.94	2.16	4.73	-0.23	1.04	5.69	-0.26	0.52	2.15	0.88	1.51	1.75	0.93	1.08
9MJE3R	2.83	1.04	0.53	6.80	2.38	4.50	8.43	2.27	0.66	2.60	1.99	3.30	2.27	2.45	1.14
9T78AK	2.63	0.59	0.00	5.10	0.24	0.00	5.73	-0.23	0.62	1.70	-0.22	1.39	1.04	-1.18	0.00
AGRHYM	2.35	-0.02	0.56	4.95	0.05	1.11	5.86	-0.11	0.02						
BFNJV4	2.17	-0.41	0.42	3.77	-1.43	0.30	5.22	-0.70	0.61	1.44	-0.85	0.03	1.26	-0.54	0.19
BTW6GH	2.07	-0.62	1.64	4.62	-0.36	0.62	5.59	-0.35	0.39	1.55	-0.60	0.42	1.20	-0.71	0.42
CH8YY6	2.18	-0.39	0.30	3.70	-1.52	0.36	5.11	-0.80	0.46	1.58	-0.53	0.09	1.36	-0.24	0.14
CLUB7M	2.53	0.38	1.07	5.77	1.08	0.26	6.77	0.73	0.33	2.23	1.09	0.72	1.73	0.88	1.73
DNVYW W	2.31	-0.11	0.33	4.48	-0.54	0.35	5.35	-0.58	0.11	1.71	-0.20	0.17	1.38	-0.18	0.19
DTN69D	2.11	-0.55	0.05	5.45	0.68	0.14	6.54	0.52	0.15	1.77	-0.05	0.08	1.30	-0.42	0.19
E39QVM	2.00	-0.77	0.80	4.58	-0.41	0.81	5.31	-0.61	0.20	1.59	-0.49	0.24	1.26	-0.54	0.51
ER8FFK	2.80	0.96		6.60	2.13		7.90	1.77		2.40	1.49		1.60	0.48	
GJB6AM	2.29	-0.16	0.79	5.21	0.38	0.15	6.35	0.35	1.12	2.16	0.91	0.68	1.80	1.07	0.94
J3VQ6U	2.71	0.76	0.06	4.80	-0.14	0.19	6.65	0.62	0.16	1.92	0.33	0.36	1.77	0.99	0.18
JGYWFT	1.50	-1.87	0.80	3.75	-1.46	1.19	5.25	-0.67	0.56	1.18	-1.49	0.36	0.90	-1.59	0.37
JU2LBT	2.06	-0.65	0.24	4.70	-0.26	0.91	6.80	0.76	0.22	1.74	-0.12	0.26	1.32	-0.36	0.37
K2GNP9	2.16	-0.43	0.17	4.79	-0.15	0.20	5.06	-0.85	0.22	1.78	-0.02	0.35	1.45	0.05	0.49
LN88KP	1.88	-1.05	0.93	3.94	-1.22	0.48	5.35	-0.58	0.93	1.88	0.22	0.85	1.36	-0.23	0.83



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
M74BGJ	2.33	-0.05	0.35	4.96	0.06	0.19	5.95	-0.02	0.08	1.69	-0.25	0.14	1.33	-0.33	0.64
MEXFBK	3.59	2.69	1.09	5.78	1.09	1.13	6.12	0.14	3.35	3.12	3.25X	5.13	3.95	7.44X	4.94
MR2LKJ	2.30	-0.13	1.04	5.02	0.14	0.23	3.64	-2.15	0.19	1.36	-1.05	0.52	1.26	-0.52	0.74
NDD2DV	2.46	0.23	1.44	5.15	0.30	1.85	5.42	-0.51	0.37	1.97	0.43	0.38	1.56	0.35	0.69
NU2ERM	2.58	0.49	0.30	6.04	1.43	0.61	7.29	1.21	0.21	2.07	0.69	0.46	1.49	0.16	0.53
PJLM4D	2.45	0.19	0.50	4.81	-0.13	0.63	6.36	0.36	0.22	1.83	0.09	0.08	1.44	0.00	0.07
R4FAJY	2.28	-0.17	0.40	4.71	-0.25	0.29	5.80	-0.17	0.02	1.65	-0.34	0.08	1.39	-0.13	0.23
R9TAHB	2.81	0.99	0.20	4.27	-0.80	0.09	5.16	-0.76	0.06	2.14	0.86	0.05	1.77	0.99	0.12
TBXZM6	2.29	-0.14	0.83	4.84	-0.09	0.40	6.25	0.26	0.20	1.73	-0.16	0.07	1.34	-0.28	0.75
TJR6F7	2.33	-0.06	0.90	4.85	-0.07	0.33	6.26	0.26	0.81	1.77	-0.05	0.22	1.40	-0.11	0.82
V9JBED	2.15	-0.46	0.51	5.27	0.46	0.86	5.33	-0.59	0.15	1.66	-0.32	0.29	1.16	-0.82	1.06
VTVZRB	2.43	0.16	0.00	4.63	-0.35	0.00	5.93	-0.04	0.00	1.90	0.26	0.00	1.57	0.38	0.00
WMVAHG	2.23	-0.27	0.53	4.87	-0.05	0.26	6.00	0.02	0.43	1.80	0.02	0.47	1.43	-0.01	0.43
XWE9J7	2.59	0.51	1.02	5.12	0.26	0.77	7.17	1.10	0.36	2.04	0.62	0.14	1.47	0.11	0.35

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	2.36			4.91			5.98			1.79			1.44		
Median Abs Dev	0.22			0.31			0.65			0.19			0.16		
Avg Within Lab SD	0.11			0.22			0.46			0.21			0.13		
Labs Included	38			38			38			36			35		
Labs Reporting	39			39			39			38			38		



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32TGUX	28.7	1.35	0.95	44.9	0.65	0.95	24.6	0.52	0.12	355.5	1.25	0.90	140.7	1.41	1.11	
3GNUBF	22.0	0.09	1.92	40.2	0.00	0.44	24.7	0.53	0.41	273.1	-0.29	0.32	125.8	0.73	0.72	
4PXMV	35.0	2.54	0.21	52.3	1.67	0.25	27.9	1.44	0.14	492.5	3.81X	0.79	170.8	2.77	0.96	
6DN78D	21.6	0.01	0.11	39.1	-0.14	0.18	23.4	0.17	0.21	298.2	0.18	0.07	124.8	0.69	0.40	
6GNCLJ	21.1	-0.08	1.51	32.0	-1.13	0.89	20.9	-0.52	0.94	250.8	-0.71	1.21	101.4	-0.38	1.86	
6PTJ2J	28.9	1.39	0.33	44.0	0.53	0.20	21.3	-0.41	0.58	401.9	2.11	0.30	145.7	1.64	0.40	
89JGEV	20.7	-0.16	1.20	38.3	-0.25	0.89	25.4	0.73	1.23	246.6	-0.79	0.94	105.5	-0.19	1.78	
8YX9ZY	25.1	0.67	1.37	37.1	-0.43	0.87	22.7	-0.01	0.65	332.1	0.81	0.57	145.2	1.61	1.88	
9MJE3R	28.3	1.28	0.55	46.3	0.85	1.12	27.7	1.37	0.41	327.0	0.71	0.60	130.7	0.95	0.66	
9T78AK	41.8	3.83X	1.54	71.6	4.31X	1.51	33.5	3.00X	1.15	616.4	6.13X	1.49	235.6	5.71X	0.71	
AGRHYM	20.4	-0.21	2.20	40.2	0.00	0.16	24.5	0.47	0.04	248.7	-0.75	0.21	97.9	-0.53	0.38	
BFNJV4	16.3	-0.99	0.27	25.8	-1.98	0.49	16.7	-1.70	0.85	187.2	-1.90	0.13	89.7	-0.91	0.25	
BTW6GH	17.1	-0.84	0.74	36.0	-0.58	0.26	20.4	-0.67	0.67	252.4	-0.68	0.39	88.6	-0.96	0.29	
CH8YY6	21.5	0.00	0.18	33.5	-0.92	0.08	21.2	-0.44	0.68	277.8	-0.21	0.33	108.0	-0.08	0.08	
CLUB7M	26.3	0.91	0.55	46.0	0.80		26.3	0.99	0.41	324.0	0.66	0.32	120.7	0.50	0.55	
DNVYW W	19.5	-0.38	0.48	33.5	-0.92	0.27	16.8	-1.69	0.18	274.3	-0.27	0.42	96.2	-0.61	0.20	
DTN69D	22.4	0.17	0.28	45.1	0.67	0.15	27.3	1.26	0.20	322.7	0.63	0.28	113.7	0.18	0.76	
E39QVM	15.7	-1.11	0.40	32.8	-1.01	0.31	19.6	-0.89	0.27	231.8	-1.07	0.21	94.1	-0.71	1.48	
ER8FFK	28.8	1.37		53.7	1.86		23.2	0.12		416.0	2.38		136.0	1.19		
GJB6AM	19.6	-0.37	0.92	39.5	-0.09	0.92	23.7	0.25	1.01	290.0	0.02	0.64	118.0	0.38	0.33	
J3VQ6U	21.1	-0.08	0.20	34.6	-0.76	0.42	24.8	0.56	0.17	308.4	0.36	1.84	133.0	1.06	0.78	
JGYWFT	22.0	0.09		44.3	0.57	1.12	23.3	0.15	0.82	302.0	0.25	0.32	106.3	-0.15	0.61	
JU2LBT	27.8	1.18	0.29	43.9	0.51	0.83	19.9	-0.80	0.78	265.0	-0.45	0.39	119.0	0.42	0.26	
LN88KP	17.7	-0.72	0.86	24.8	-2.11	0.73	21.2	-0.45	0.71	274.0	-0.28	0.91	109.7	0.00	1.98	
M74BGJ	21.4	-0.03	0.15	42.9	0.38	0.38	24.7	0.54	0.20	287.7	-0.02	0.17	105.7	-0.18	0.35	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MEXFBK	31.3	1.84	1.14	45.9	0.78	3.55	23.1	0.10	4.91	306.3	0.33	3.96	148.0	1.74	0.95	
MR2LKJ	19.4	-0.41	0.69	41.1	0.13	0.36	13.9	-2.48	0.10	325.7	0.69	1.07	108.8	-0.04	1.54	
NDD2DV	26.7	0.97	2.85	44.0	0.52	3.27	24.4	0.46	0.84	344.3	1.04	2.66	122.0	0.56	2.28	
NU2ERM	24.5	0.57	0.97	48.7	1.18	0.64	22.8	0.01	0.28	287.5	-0.03	0.52	114.2	0.20	1.42	
PJLM4D	20.4	-0.22	0.53	37.6	-0.36	0.63	20.4	-0.66	0.38	278.9	-0.19	0.49	100.3	-0.42	0.99	
R4FAJY	18.5	-0.56	0.41	33.8	-0.87	0.74	17.5	-1.48	0.26	267.8	-0.39	0.24	100.8	-0.40	0.49	
R9TAHB	25.7	0.78	0.57	40.9	0.10	0.43	23.6	0.22	0.21	349.9	1.14	0.10	127.8	0.82	0.20	
TBXZM6	20.6	-0.18	0.82	43.1	0.40	0.57	22.0	-0.22	0.49	290.8	0.04	0.23	98.8	-0.49	0.43	
TJR6F7	19.6	-0.36	0.91	38.5	-0.23	0.45	19.6	-0.91	0.77	302.9	0.26	0.62	105.2	-0.20	0.20	
V9JBED	18.3	-0.62	0.63	37.2	-0.40	0.42	19.9	-0.80	0.11	242.4	-0.87	0.46	101.5	-0.37	0.19	
VTVZRB	27.5	1.13		39.2	-0.13	0.00	33.7	3.06X	0.00	245.2	-0.82	0.00	101.1	-0.39	0.00	
WMVAHG	18.0	-0.67	0.96	36.0	-0.57	0.54	22.0	-0.22	0.71	239.3	-0.93	0.11	101.7	-0.36	0.30	
XWE9J7	25.0	0.65	0.96	43.7	0.48	0.31	22.7	-0.03	0.41	330.7	0.78	0.38	125.7	0.73	1.30	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	21.5			40.2			22.8			288.9			109.7			
Median Abs Dev	3.3			4.2			1.9			35.8			11.0			
Avg Within Lab SD	1.0			1.9			1.4			14.3			3.8			
Labs Included	37			37			36			36			37			
Labs Reporting	38			38			38			38			38			



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
32TGUX	191.7	0.83	0.95	210.6	0.78	1.38	115.5	1.25	0.57	136.7	0.49	1.20	188.9	1.23	0.54		
3GNUBF	151.0	-0.50	0.64	176.2	-0.31	0.60	96.5	-0.05	0.23	104.0	-0.88	0.19	149.9	0.05	0.84		
4PXMV	252.3	2.80	0.35	282.2	3.03	0.52	129.8	2.23	0.51	208.6	3.49	0.67	290.4	4.29	0.44		
6DN78D	195.7	0.95	0.17	230.4	1.40	0.10	131.1	2.32	0.14	144.8	0.82	0.10	200.5	1.58	0.17		
6GNCLJ	177.9	0.38	2.13	177.9	-0.25	0.73	85.2	-0.82	1.54	126.0	0.04	0.99	151.1	0.09	2.07		
6PTJ2J	226.1	1.95	0.23	245.5	1.88	0.90	128.4	2.13	2.33	167.8	1.79	0.25	207.0	1.77	0.39		
89JGEV	167.0	0.02	2.67	198.6	0.40	1.16	98.9	0.11	1.36	127.4	0.10	0.73	153.6	0.16	2.73		
8YX9ZY	205.0	1.26	0.12	185.6	-0.01	0.66	94.3	-0.20	0.54	137.1	0.50	0.47	176.3	0.84	1.96		
9MJE3R	155.7	-0.35	0.37	172.0	-0.44	0.60	93.0	-0.29	0.34	110.3	-0.62	0.63	140.0	-0.25	0.79		
9T78AK	316.9	4.90X	2.75	373.8	5.92X	3.06	193.9	6.62X	2.17	268.6	6.00X	3.09	370.6	6.70X	1.27		
AGRHYM	152.3	-0.46	2.13	177.7	-0.26	0.42	89.9	-0.50	0.65	113.0	-0.50	0.73	130.0	-0.55	0.47		
BFNJV4	127.5	-1.26	0.23	134.7	-1.62	0.67	72.5	-1.69	0.90	83.1	-1.76	0.00	110.0	-1.15	0.34		
BTW6GH	149.4	-0.55	1.21	186.3	0.01	0.58	98.6	0.10	0.88	117.7	-0.31	0.52	141.8	-0.20	0.48		
CH8YY6	160.0	-0.21	0.08	154.0	-1.01	0.17	83.4	-0.94	0.55	116.3	-0.37	0.24	141.2	-0.21	0.14		
CLUB7M	187.7	0.69	0.25	210.7	0.78	0.16	104.7	0.51	0.10	144.3	0.81	0.57	171.3	0.70	0.46		
DNVYW W	147.7	-0.61	0.41	157.7	-0.89	0.35	70.5	-1.83	0.09	116.0	-0.38	0.51	137.3	-0.33	0.40		
DTN69D	166.0	-0.01	0.16	192.7	0.21	0.16	99.9	0.18	0.18	137.7	0.53	0.21	150.3	0.06	0.36		
E39QVM	137.4	-0.94	0.43	161.7	-0.77	0.26	85.1	-0.83	0.22	105.9	-0.80	0.20	123.0	-0.76	0.72		
GJB6AM	140.0	-0.86	0.05	164.6	-0.67	1.06	83.5	-0.94	0.16	112.4	-0.53	0.10	138.7	-0.29	0.47		
J3VQ6U	231.9	2.13	1.47	220.1	1.08	1.28	99.7	0.17	0.54	140.3	0.64	2.89	207.7	1.79	1.94		
JGYWFT	169.7	0.11	0.19	196.3	0.33	1.19	97.7	0.03	0.26	135.3	0.43	0.21	152.3	0.12	0.24		
JU2LBT	168.7	0.07	0.65	198.0	0.38	0.84	99.0	0.12	0.34	127.3	0.09	0.45	151.7	0.10	0.09		
LN88KP	149.7	-0.54	1.53	137.0	-1.54	0.55	79.3	-1.23	0.49	115.3	-0.41	0.63	141.3	-0.21	1.11		
M74BGJ	160.0	-0.21	0.39	188.5	0.08	0.14	96.0	-0.08	0.16	124.1	-0.04	0.21	137.1	-0.34	0.24		
MEXFBK	204.3	1.24	0.47	205.7	0.62	2.63	97.4	0.01	4.28	154.0	1.21	4.17	202.7	1.64	0.46		



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MR2LKJ	157.3	-0.30	0.84	181.6	-0.14	0.55	68.2	-1.99	0.25	128.7	0.15	0.82	141.2	-0.21	1.04
NDD2DV	199.0	1.06	2.70	203.3	0.55	3.72	97.9	0.05	1.59	154.3	1.22	1.42	171.0	0.69	2.54
NU2ERM	185.1	0.61	0.29	217.4	0.99	0.78	100.5	0.23	0.31	146.8	0.91	0.36	157.4	0.27	0.74
PJLM4D	160.4	-0.19	0.36	179.6	-0.20	0.42	100.6	0.23	0.39	123.5	-0.06	0.30	136.2	-0.36	0.23
R4FAJY	177.5	0.36	0.27	177.9	-0.25	0.52	96.9	-0.02	0.11	123.9	-0.05	0.10	146.7	-0.05	0.06
R9TAHB	179.3	0.42	0.51	195.8	0.31	0.20	102.2	0.34	0.36	150.2	1.05	0.23	172.7	0.74	0.31
TBXZM6	166.7	0.01	0.78	198.0	0.38	0.43	99.7	0.17	0.48	123.5	-0.06	0.62	141.6	-0.20	0.59
TJR6F7	162.7	-0.12	0.76	171.1	-0.47	0.21	93.2	-0.27	0.51	120.2	-0.20	0.11	130.1	-0.55	0.29
V9JBED	143.6	-0.74	0.39	176.8	-0.29	0.33	86.5	-0.73	0.16	104.7	-0.85	0.52	129.3	-0.57	0.29
VTVZRB	159.8	-0.21	0.00	168.7	-0.54	0.00	97.1	-0.01	0.00	121.7	-0.14	0.00	140.2	-0.24	0.00
WMVAHG	132.3	-1.11	0.73	156.3	-0.93	0.52	76.0	-1.45	0.45	98.0	-1.13	0.14	120.0	-0.85	0.27
XWE9J7	172.7	0.21	0.65	201.3	0.48	0.89	100.3	0.21	0.36	146.7	0.90	0.49	176.3	0.85	1.58

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	166.4			186.0			97.2			125.1			148.3		
Median Abs Dev	16.0			15.1			4.1			12.3			11.6		
Avg Within Lab SD	6.2			7.2			5.8			7.1			6.3		
Labs Included	36			36			36			36			36		
Labs Reporting	37			37			37			37			37		



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
32TGUX	4.17	1.02	0.79	0.86	-0.40	0.59	2.70	0.22	0.21	1.31	0.00	0.29	2.23	0.95	0.42
3GNUBF	3.89	0.62	0.72	1.15	1.07	0.96	3.32	1.75	0.41	1.43	0.52	0.61	2.15	0.77	0.38
4PXMV	4.87	2.02	0.10	0.97	0.20	0.24	3.05	1.08	0.26	1.56	1.02	0.15	2.81	2.28	0.13
6DN78D	4.21	1.09	0.13	1.06	0.65	0.14	2.73	0.29	0.05	1.57	1.06	0.09	2.41	1.35	0.12
6GNCLJ	3.36	-0.13	1.63	0.85	-0.45	0.41	2.06	-1.35	0.91	1.20	-0.43	0.93	1.73	-0.18	1.44
6PTJ2J	4.11	0.94	1.04	0.45	-2.44	3.60	2.38	-0.58	1.85	0.52	-3.15X	0.65	0.77	-2.40	2.67
89JGEV	3.64	0.27	1.25	1.10	0.85	0.54	2.99	0.93	1.43	1.43	0.49	0.72	2.05	0.54	1.35
8YX9ZY	4.92	2.09	3.40	1.21	1.37	2.49	2.73	0.30	1.76	1.68	1.51	0.70	2.78	2.21	3.35
9MJE3R	3.30	-0.21	0.56	0.87	-0.34	0.62	3.07	1.12	0.35	1.60	1.19	1.06	1.63	-0.41	0.95
9T78AK	6.65	4.55X	1.70	1.87	4.72X	8.36	4.04	3.53X	3.07	1.87	2.28	3.12	4.16	5.36X	0.00
AGRHYM	2.99	-0.66	0.96				2.41	-0.49	0.15						
BFNJV4	3.11	-0.48	0.20	0.73	-1.02	0.12	2.28	-0.81	0.76	1.05	-1.02	0.00	1.57	-0.56	0.29
BTW6GH	2.68	-1.10	0.73	0.72	-1.10	0.25	2.32	-0.72	0.58	0.98	-1.29	0.16	1.49	-0.75	0.41
CH8YY6	3.80	0.50	0.08	0.77	-0.84	0.26	2.43	-0.44	0.67	1.23	-0.31	0.22	1.98	0.38	0.07
CLUB7M	3.73	0.40	0.64	0.93	-0.01	0.62	2.77	0.38	0.35	1.30	-0.02	0.00	1.87	0.12	0.95
DNVYW W	3.30	-0.21	0.56	0.97	0.19	0.22	2.54	-0.18	0.32	1.35	0.18	0.53	1.78	-0.08	0.22
DTN69D	3.57	0.17	0.20	1.05	0.58	0.00	3.02	1.00	0.15	1.37	0.25	0.12	1.93	0.26	0.38
E39QVM	2.93	-0.73	0.21	0.94	0.04	0.18	2.40	-0.51	0.25	1.13	-0.69	0.18	1.61	-0.46	0.70
ER8FFK	4.30	1.21		1.30	1.84		3.50	2.19		1.80	2.00		2.30	1.11	
GJB6AM	3.34	-0.16	1.48	0.93	-0.03	0.75	2.43	-0.45	0.94	1.34	0.13	0.89	1.93	0.26	0.87
J3VQ6U	4.14	0.98	0.31	0.80	-0.69	0.07	2.58	-0.08	0.06	1.30	-0.02	0.29	2.26	1.02	0.10
JGYWFT	3.21	-0.35	0.08	0.83	-0.55	0.33	2.70	0.21	0.93	1.11	-0.79	0.43	1.67	-0.34	0.13
JU2LBT	3.22	-0.32	0.45	0.79	-0.75	0.16	2.61	-0.01	0.81	1.42	0.47	0.77	1.70	-0.26	0.21
LN88KP	2.14	-1.87	0.31	0.94	0.01	0.06	1.77	-2.07	0.49	1.17	-0.54	0.11	1.45	-0.83	0.54
M74BGJ	3.45	0.00	0.44	1.09	0.78	1.22	2.63	0.05	0.25	1.30	0.00	0.25	1.80	-0.03	0.34



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MEXFBK	4.36	1.29	0.92	1.03	0.46	0.65	2.37	-0.60	3.91	1.40	0.39	2.85	2.44	1.43	0.24	
MR2LKJ	2.81	-0.91	0.59	0.42	-2.60	0.29	1.30	-3.23X	0.10	0.72	-2.34	0.53	1.39	-0.97	0.88	
NDD2DV	4.18	1.04	2.88	1.03	0.46	2.70	2.70	0.21	1.95	1.49	0.75	2.85	2.15	0.77	2.51	
NU2ERM	4.02	0.81	0.89	1.16	1.12	0.87	3.17	1.38	0.17	1.48	0.69	0.43	2.05	0.55	0.29	
PJLM4D	3.25	-0.29	0.30	0.94	0.04	0.42	2.65	0.10	0.27	1.18	-0.51	0.13	1.73	-0.20	0.33	
R4FAJY	3.13	-0.45	0.48	0.90	-0.16	0.22	2.60	-0.02	0.34	1.24	-0.27	0.38	1.63	-0.43	0.25	
R9TAHB	3.81	0.51	0.25	0.85	-0.42	0.18	2.18	-1.07	0.13	1.22	-0.33	0.19	1.99	0.39	0.18	
TBXZM6	3.67	0.31	1.08	1.09	0.78	1.34	2.79	0.43	0.45	1.36	0.22	1.49	1.83	0.03	0.62	
TJR6F7	3.39	-0.08	0.07	0.83	-0.55	0.35	2.62	0.01	0.25	1.13	-0.70	0.20	1.72	-0.23	0.26	
V9JBED	3.16	-0.42	0.08	0.83	-0.53	0.32	2.21	-0.98	0.21	1.12	-0.74	0.28	1.61	-0.47	0.30	
VTVZRB	3.15	-0.42	0.00	0.99	0.27	0.00	2.51	-0.26	0.00	1.25	-0.23	0.00	1.72	-0.23	0.00	
WMVAHG	3.30	-0.21	0.56	0.90	-0.18	0.00	2.47	-0.36	0.93	1.20	-0.42	0.00	1.73	-0.19	0.48	
XWE9J7	3.92	0.67	0.64	1.04	0.53	0.11	3.27	1.63	0.52	1.42	0.47	0.64	2.20	0.89	0.50	

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	3.45			0.94			2.61			1.30			1.82			
Median Abs Dev	0.35			0.11			0.19			0.12			0.20			
Avg Within Lab SD	0.18			0.09			0.16			0.09			0.12			
Labs Included	37			36			36			36			36			
Labs Reporting	38			37			38			37			37			



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
32TGUX	2.08	5.70X	0.30	1.77	4.39X	1.04	1.23	5.15X	0.21	1.16	4.17	0.86	1.49	3.44	0.38
3GNUBF	0.93	0.52	0.98	0.49	-0.36	0.41	0.35	-0.45	0.23	0.20	-0.26	0.61	0.14	-0.76	2.50
4PXMV	1.06	1.09	0.08	0.46	-0.47	0.32	0.40	-0.15	0.09	0.19	-0.33	0.14	0.37	-0.05	0.28
6DN78D	1.43	2.79	2.48	1.29	2.62	1.82	0.75	2.10	3.25	1.24	4.57X	1.74	1.16	2.41	0.56
6GNCLJ	0.76	-0.25	0.34	0.63	0.16	1.58	0.44	0.10	0.62	0.35	0.44	0.96	0.46	0.22	1.28
6PTJ2J	0.61	-0.93	0.46	0.28	-1.16	1.15	0.48	0.39	2.02	0.16	-0.43	1.88	0.55	0.51	3.13
8YX9ZY	1.27	2.06	3.32	0.58	-0.05	0.62	0.47	0.28	0.68	0.28	0.12	0.08	0.46	0.23	0.28
9MJE3R	0.87	0.24	0.36	1.43	3.14	2.80	0.37	-0.36	1.06	1.77	6.99X	0.81	1.23	2.63	0.77
BFNJV4	0.13	-3.08	0.00	0.05	-2.01	0.00	0.05	-2.39	0.00	0.05	-0.96	0.00	0.05	-1.06	0.00
BTW6GH	0.54	-1.22	0.07	0.30	-1.08	0.23	0.17	-1.64	0.14	0.03	-1.05		0.15	-0.73	0.31
CH8YY6	0.91	0.44	0.22	0.47	-0.45	0.05	0.39	-0.21	0.12	0.21	-0.20	0.03	0.39	0.00	0.03
CLUB7M	0.93	0.54	0.36	0.87	1.03	0.78	0.53	0.70	0.53	0.43	0.82	0.81	0.90	1.59	1.34
DNVYW W	0.83	0.06	0.16	0.70	0.43	0.08	0.43	0.04	0.09	0.54	1.31	0.14	0.63	0.75	0.13
DTN69D	0.74	-0.33	0.24	0.52	-0.27	0.22	0.36	-0.44	0.10	0.07	-0.85	0.22	0.23	-0.49	0.13
E39QVM	0.80	-0.05	0.13	0.60	0.03	0.23	0.42	-0.03	0.18	0.26	0.00	0.13	0.38	-0.03	0.12
GJB6AM	0.94	0.56	0.22	0.66	0.26	0.49	0.46	0.26	0.19	0.28	0.09	0.08	0.51	0.38	0.71
JU2LBT	0.78	-0.17	0.16	0.62	0.12	0.62	0.35	-0.45	0.05	0.22	-0.16	0.21	0.38	-0.04	0.08
M74BGJ	0.76	-0.24	0.13	0.52	-0.24	0.41	0.45	0.17	0.40	0.13	-0.59	0.37	0.30	-0.29	0.20
MEXFBK	0.61	-0.92	0.19	0.32	-1.01	0.17	0.24	-1.20	0.59	0.12	-0.65	0.12	0.24	-0.45	0.16
MR2LKJ	0.76	-0.23	2.92	0.64	0.20	2.80	0.69	1.70	0.95	0.71	2.08	3.66	0.79	1.24	2.04
NDD2DV	0.62	-0.86	0.20	0.38	-0.79	0.43	0.24	-1.19	0.35	0.09	-0.76	0.29	0.21	-0.56	0.61
NU2ERM	1.12	1.40	0.29	1.02	1.59	0.52	1.03	3.87	2.96	0.61	1.65	0.13	0.68	0.92	1.31
PJLM4D	0.80	-0.04	0.18	0.59	0.01	0.17	0.45	0.15	0.17	0.28	0.12	0.14	0.39	0.00	0.22
R4FAJY	0.80	-0.04	0.07	0.59	-0.01	0.30	0.41	-0.07	0.20	0.28	0.10	0.15	0.39	0.00	0.19
TBXZM6	0.91	0.46	0.09	0.83	0.90	1.28	0.43	0.03	0.19	0.28	0.10	0.04	0.47	0.26	0.34



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TJR6F7	0.83	0.08	0.15	0.63	0.17	0.34	0.43	0.06	0.04	0.32	0.31	0.15	0.42	0.09	0.28	
V9JBED	0.78	-0.17	0.38	0.60	0.04	0.13	0.42	-0.04	0.45	0.18	-0.36	0.04	0.35	-0.12	0.67	
VTVZRB	0.82	0.04	0.00	0.56	-0.10	0.00	0.43	0.05	0.00	0.23	-0.11	0.00	0.35	-0.13	0.00	
WMVAHG	0.83	0.09	0.36	0.53	-0.21	0.78	0.37	-0.36	0.53	0.30	0.20	2.43	0.33	-0.17	0.77	
Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	0.81			0.59			0.42			0.26			0.39			
Median Abs Dev	0.09			0.08			0.05			0.08			0.12			
Avg Within Lab SD	0.16			0.07			0.11			0.07			0.07			
Labs Included	28			28			28			27			29			
Labs Reporting	29			29			29			29			29			



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.68	-0.80	1.07	1.94	0.08	0.53	2.85	-0.01	0.27	0.84	-0.47	0.97	0.64	-0.67	0.16	
4PLP8R	1.01	0.96	1.49	1.86	-0.13	0.48	3.48	1.19	1.83	1.09	0.65	1.91	0.94	0.68	1.42	
4PXMV	0.87	0.18	0.11	2.02	0.29	0.32	2.97	0.23	0.82	1.08	0.60	0.25	0.92	0.61	0.71	
66DYDV	0.94	0.58	0.60	1.88	-0.08	0.11	2.58	-0.51	0.32	1.03	0.37	1.17	0.95	0.73	0.35	
6PTJ2J	0.90	0.34	0.41	1.88	-0.09	0.55	3.28	0.82	0.27	0.95	0.00	0.23	0.85	0.28	0.29	
7DJYMW	0.94	0.58	0.47	2.30	0.99	0.50	3.16	0.58	0.36	0.88	-0.28	0.19	0.87	0.38	0.51	
7WWPJ8	0.77	-0.35	0.45	1.89	-0.06	0.33	2.83	-0.04	0.22	0.94	-0.03	1.13	0.89	0.47	2.80	
8T69HX	0.90	0.35	0.20	1.85	-0.15	0.17	2.68	-0.32	0.50	1.08	0.63	0.33	0.97	0.83	0.42	
8YX9ZY	0.75	-0.47	0.97	1.85	-0.16	0.15	2.90	0.09	0.35	0.99	0.18	0.45	0.78	-0.05	0.29	
92GHPQ	0.96	0.67	1.20	2.00	0.22	0.41	3.03	0.34	0.62	0.95	0.02	0.77	0.83	0.18	0.88	
9T78AK	1.03	1.06	0.45	2.42	1.30	0.17	2.85	0.00	0.33	1.22	1.25	0.44	1.06	1.23	0.20	
AANL9U	0.95	0.61	0.60	1.11	-2.06	0.04	2.26	-1.13	1.48	1.08	0.61	0.32	0.85	0.26	0.41	
E39QVM	0.62	-1.11	0.12	1.91	0.00	1.81	2.73	-0.22	0.77	0.85	-0.45	0.90	0.63	-0.71	0.69	
FNQ3J4	0.97	0.71	2.54	2.22	0.80	3.45	3.09	0.46	1.96	1.04	0.42	1.97	0.93	0.64	1.93	
GPXXKL	0.87	0.21	0.60	2.24	0.84	0.78	3.29	0.83	0.98	1.19	1.11	1.60	0.88	0.39	1.04	
GWF4JE	0.98	0.80	2.05	1.80	-0.29	1.09	2.60	-0.47	0.71	0.86	-0.40	0.98	0.81	0.09	1.13	
J3VQ6U	0.76	-0.42	0.98	2.23	0.83	1.03	3.20	0.66	1.09	0.90	-0.23	1.11	0.69	-0.44	1.27	
K2GNP9	0.76	-0.41	0.26	2.29	0.97	0.75	2.55	-0.57	0.15	1.01	0.28	0.30	0.83	0.17	0.82	
K3RK26	0.69	-0.76	0.00	1.60	-0.80	0.11	2.27	-1.10	0.11	0.71	-1.11	0.12	0.64	-0.67	0.12	
KACN98	0.83	0.00	1.14	2.23	0.83	0.63	2.83	-0.03	0.82	0.97	0.09	1.23	0.70	-0.41	0.00	
KH44WC	0.53	-1.63	0.80	1.11	-2.06	1.81	1.96	-1.70	1.43	0.76	-0.88	0.81	0.50	-1.33	1.12	
KPNXDH	0.64	-1.01	1.27	1.76	-0.39	1.11	2.96	0.22	2.96	0.77	-0.82	1.70	0.66	-0.58	2.35	
KRVFBD	0.84	0.05	1.79	2.08	0.43	0.71	2.59	-0.49	0.82	0.97	0.09	0.81	0.67	-0.53	0.77	
KTKQ37	0.82	-0.09	0.57	1.77	-0.37	1.26	2.67	-0.35	0.41	0.94	-0.01	0.68	0.79	0.00	0.41	
L2TKUD	1.11	1.46	1.15	2.47	1.44	0.83	3.73	1.67	0.48	1.18	1.09	0.33	1.08	1.34	0.81	
LN88KP	0.83	-0.04	0.80	1.86	-0.14	1.26	2.73	-0.22	0.97	0.89	-0.26	0.64	0.73	-0.29	0.71	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NDD2DV	1.02	0.99	1.10	2.81	2.32	0.95	3.33	0.92	1.14	1.22	1.25	1.98	0.94	0.70	0.51	
NU2ERM	0.63	-1.07	0.15	2.06	0.39	0.18	3.23	0.72	0.65	0.81	-0.64	0.43	0.62	-0.78	0.31	
PNEQTB	0.57	-1.42	1.14	1.57	-0.89	0.63	2.17	-1.30	0.41	0.60	-1.60	0.00	0.50	-1.32		
QT4KAA	0.58	-1.33	0.20	1.81	-0.27	0.42	3.14	0.55	0.49	0.48	-2.17	1.18	0.36	-1.95	0.49	
RE6U96	0.90	0.35	0.00	1.93	0.06	0.63	3.10	0.47	0.71	1.10	0.71	0.00	0.97	0.80	1.17	
UDFJ3T	0.76	-0.41	0.91	1.68	-0.59	0.12	2.45	-0.75	0.82	0.88	-0.32	0.25	0.72	-0.32	0.54	
UKYUB3	0.85	0.09	0.39	2.04	0.34	1.51	3.20	0.66	0.55	1.13	0.87	0.81	0.98	0.85	0.71	
UQNHVZ	1.00	0.86	0.46	2.18	0.68	0.31	2.55	-0.57	0.25	0.78	-0.78	0.18	0.61	-0.80	0.08	
VBC4AV	0.83	0.00	2.27	1.80	-0.29	1.09	2.97	0.22	1.79	0.97	0.09	1.23	0.77	-0.11	1.17	
VKDLP6	0.77	-0.35	1.14	2.30	1.00	1.89	3.37	0.98	1.48	0.80	-0.68	2.13	0.67	-0.56	1.17	
X6UPD2	1.80	5.14X		3.80	4.87X		6.90	7.69X		1.90	4.41X		1.70	4.13X		
XZJUDX	0.49	-1.82	0.35	1.29	-1.61	0.41	1.86	-1.87	0.47	0.36	-2.72	0.17	0.17	-2.83	0.20	
Y2TYT8	0.98	0.80	0.41	2.14	0.60	0.56	3.49	1.22	1.29	1.17	1.05	1.37	0.97	0.80	0.84	
YHWHK4	0.62	-1.13	0.37	1.34	-1.47	0.25	1.88	-1.83	0.21	0.71	-1.08	0.26	0.67	-0.57	1.43	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Grand Median	0.83			1.91			2.85			0.95			0.79		
Median Abs Dev	0.11			0.17			0.30			0.13			0.13			
Avg Within Lab SD	0.05			0.09			0.14			0.05			0.05			
Labs Included	39			39			39			39			39			
Labs Reporting	40			40			40			40			40			



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	6.96	0.19	2.14	2.70	-0.19	0.78	10.39	0.43	1.57	67.34	-0.49	0.40	75.74	-0.37	0.95
4PLP8R	9.95	1.92	0.92	3.20	0.16	0.95	13.53	1.48	1.87	89.93	0.49	0.64	95.03	0.64	1.56
4PXMV	6.53	-0.06	0.26	4.48	1.05	0.69	9.18	0.04	0.35	117.51	1.70	0.27	100.10	0.90	0.34
66DYDV	7.53	0.52	0.24	2.83	-0.09	0.50	12.40	1.10	1.04	75.57	-0.13	0.30	93.50	0.56	0.32
6PTJ2J	9.49	1.66	0.15	3.77	0.56	0.21	7.49	-0.53	0.05	88.72	0.44	0.15	91.06	0.43	0.32
7DJYMW	9.37	1.59	0.48	5.13	1.51	0.57	10.18	0.37	0.41	78.62	0.00	0.23	79.39	-0.18	0.05
7WWPJ8	7.29	0.38	0.58	5.15	1.52	0.22	10.47	0.46	0.29	113.14	1.51	0.60	97.98	0.79	0.62
8T69HX	6.65	0.01	0.12	4.50	1.07	0.17	11.10	0.67	0.11	107.86	1.28	0.25	99.09	0.85	0.32
8YX9ZY	5.16	-0.86	1.65	2.57	-0.28	0.21	8.02	-0.35	0.44	96.01	0.76	0.28	99.45	0.87	1.49
92GHPQ	9.07	1.42	0.69	4.19	0.85	1.28	8.80	-0.09	0.95	84.27	0.25	0.60	87.87	0.27	0.54
9T78AK	12.88	3.63X	1.13	9.51	4.56X	0.53	13.06	1.32	0.23	192.06	4.96X	0.56	138.26	2.88X	0.90
AANL9U	7.16	0.31	0.35	1.86	-0.77	0.18	7.75	-0.44	0.36	106.73	1.23	0.08	100.99	0.95	0.39
E39QVM	5.02	-0.94	0.12	2.27	-0.48	0.34	7.05	-0.67	0.29	68.80	-0.43	0.33	71.62	-0.58	0.23
FNQ3J4	7.51	0.51	3.24	4.16	0.83	2.85	11.50	0.80	0.71	95.53	0.74	3.26	89.53	0.35	2.12
GPXXKL	5.73	-0.52	0.32	2.73	-0.16	1.31	8.13	-0.31	0.63	84.10	0.24	0.98	75.87	-0.36	0.19
GWF4JE	6.37	-0.15	0.16	2.02	-0.66	0.30	6.75	-0.77	0.12	73.37	-0.23	0.15	85.30	0.13	0.25
J3VQ6U	6.93	0.18	0.85	4.25	0.89	1.62	9.72	0.21	1.47	78.99	0.02	1.99	70.85	-0.62	0.99
K2GNP9	6.08	-0.32	0.97	3.79	0.57	0.52	7.55	-0.51	0.23	74.42	-0.18	0.12	71.43	-0.59	0.75
K3RK26	4.90	-1.01	0.00	1.53	-1.00	0.25	4.77	-1.43	0.23	62.63	-0.70	0.07	82.77	0.00	0.08
KH44WC	5.03	-0.93	1.00	1.89	-0.75	0.24	6.22	-0.95	1.23	59.30	-0.85	0.64	62.12	-1.07	1.53
KPNXDH	6.61	-0.02	0.20	2.25	-0.50	0.43	9.36	0.10	1.31	65.03	-0.59	1.86	73.13	-0.50	1.61
KRVFBD	4.87	-1.03	0.12	1.93	-0.72	2.48	10.70	0.54	0.71	68.73	-0.43	0.48	68.03	-0.77	2.24
KTKQ37	7.10	0.27	1.52	2.37	-0.42	0.66	8.03	-0.35	1.48	73.33	-0.23	0.65	83.00	0.01	0.58
L2TKUD	9.30	1.55	0.98	5.18	1.54	0.19	10.15	0.36	0.43	109.75	1.36	0.88	103.92	1.10	0.40
LN88KP	6.88	0.14	0.61	3.14	0.12	0.97	8.82	-0.08	0.99	72.27	-0.28	1.16	68.97	-0.72	0.69
NDD2DV	8.33	0.99	1.48	3.73	0.53	0.66	8.97	-0.04	0.69	80.03	0.06	0.85	87.37	0.24	2.72



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NU2ERM	4.86	-1.03	0.14	2.23	-0.51	0.06	5.00	-1.35	0.22	56.67	-0.96	0.28	59.65	-1.20	0.40
PNEQTB	5.33	-0.76	1.21	4.00	0.72		7.00	-0.69		64.00	-0.64	0.23	62.33	-1.06	0.51
QT4KAA	5.17	-0.85	0.33	3.50	0.37	0.86	16.06	2.31	0.53	44.35	-1.50	0.41	40.32	-2.21	0.56
RE6U96	6.73	0.06	0.53	2.97	0.00	0.25	12.43	1.11	0.60	81.70	0.13	0.10	80.17	-0.14	0.05
UDFJ3T	6.96	0.19	0.08	3.27	0.21	0.59	8.69	-0.13	0.65	84.83	0.27	0.13	81.07	-0.09	0.25
UKYUB3	6.49	-0.08	0.97	4.94	1.38	2.20	9.50	0.14	1.58	118.14	1.73	0.06	98.48	0.82	0.08
UQNHVZ	4.17	-1.43	0.25	2.25	-0.50	0.43	8.27	-0.27	0.30	73.22	-0.24	0.07	72.56	-0.53	0.43
VBC4AV	5.83	-0.46	2.23	1.87	-0.77	0.90	9.80	0.24	0.52	71.50	-0.31	0.88	89.43	0.35	0.88
VKDLP6	4.97	-0.97	0.68	2.23	-0.51	1.79	6.87	-0.73	0.74	48.57	-1.32	0.22	57.30	-1.32	1.58
XZJUDX	7.31	0.39	0.10	1.89	-0.75	0.42	10.63	0.51	0.21	86.04	0.32	0.11	97.20	0.75	0.27
Y2TYT8	6.63	0.00	0.13	4.80	1.28	0.11	15.11	2.00	3.59	113.93	1.54	3.32	100.94	0.94	1.16
YHWHK4	4.44	-1.28	0.09	1.95	-0.71	0.04	3.80	-1.75	0.22	47.74	-1.35	0.01	49.56	-1.73	0.06

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups						Data units: mg/kg				
	SRS2301		SRS2302		SRS2303		SRS2304		SRS2305	
Grand Median	6.63		2.97		9.08		78.6		82.8	
Median Abs Dev	0.90		0.95		1.54		11.3		11.9	
Avg Within Lab SD	0.48		0.23		0.51		4.4		3.0	
Labs Included	37		37		38		37		37	
Labs Reporting	38		38		38		38		38	



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

Data units: mg/kg

WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	34.4	-0.55	1.05	26.2	0.12	0.89	22.8	-0.71	0.54	29.4	-0.15	1.21	43.9	-0.43	0.84
4PLP8R	53.4	1.15	0.86	23.8	-0.33	0.69	24.2	-0.47	0.61	37.7	0.82	0.66	60.6	0.72	2.13
4PXMV	64.3	2.12	4.11	29.4	0.71	0.36	27.2	0.02	0.08	39.6	1.05	0.11	71.5	1.47	1.37
66DYDV	48.0	0.67	0.30	27.0	0.27	0.27	30.5	0.57	1.38	37.5	0.80	0.54	68.6	1.28	0.09
6PTJ2J	45.2	0.42	0.12	25.1	-0.08	0.54	28.1	0.18	0.72	34.1	0.40	0.35	53.5	0.23	0.22
7DJYMW	60.9	1.82	1.23	42.3	3.07X	0.49	30.6	0.59	0.32	47.2	1.93	0.51	74.3	1.67	1.04
7WWPJ8	47.6	0.63	0.56	25.4	-0.03	0.69	22.8	-0.71	0.21	30.6	-0.01	0.34	60.5	0.71	0.31
8T69HX	42.1	0.13	0.06	22.9	-0.50	0.08	27.3	0.04	0.03	31.4	0.09	0.04	60.4	0.71	0.17
8YX9ZY	35.1	-0.49	0.08	20.3	-0.97	0.89	29.9	0.48	2.68	27.0	-0.42	0.52	49.0	-0.08	1.18
92GHPQ	51.8	1.01	0.69	29.6	0.74	0.55	52.4	4.20X	0.97	36.2	0.65	0.54	58.4	0.57	0.72
9T78AK	66.2	2.29	0.32	38.2	2.32	0.61	27.8	0.12	0.11	46.8	1.89	0.44	78.9	1.98	0.31
AANL9U	42.2	0.15	0.67	20.4	-0.96	0.00	21.1	-0.99	0.30	33.2	0.29	2.10	51.4	0.09	0.10
E39QVM	26.6	-1.25	0.01	19.1	-1.20	0.24	21.6	-0.91	0.12	25.1	-0.64	0.83	35.5	-1.01	0.14
FNQ3J4	51.3	0.97	1.11	31.0	0.99	2.00	27.3	0.05	0.40	37.0	0.74	1.52	62.3	0.84	0.85
GPXXKL	41.7	0.10	0.62	32.3	1.23	1.48	38.8	1.94	1.17	33.0	0.27	0.94	48.6	-0.11	0.72
GWF4JE	41.3	0.07	0.21	25.8	0.03	0.66	27.3	0.05	0.27	27.4	-0.38	0.18	45.4	-0.33	0.46
J3VQ6U	39.4	-0.11	0.30	31.1	1.01	1.17	26.9	-0.02	0.35	33.3	0.31	0.06	48.6	-0.11	0.76
K2GNP9	37.7	-0.26	0.15	28.9	0.61	0.57	29.3	0.38	0.58	28.4	-0.26	0.85	43.5	-0.46	0.36
K3RK26	32.0	-0.77		19.3	-1.15	0.32	21.0	-1.00		19.3	-1.32	0.24	37.7	-0.86	0.24
KACN98	36.3	-0.38	0.36	22.4	-0.59	0.61	21.3	-0.96	0.53	27.2	-0.41	0.47	41.3	-0.61	0.19
KH44WC	35.6	-0.44	2.54	22.8	-0.50	2.43	20.6	-1.07	1.74	23.2	-0.87	1.57	38.3	-0.82	2.16
KPNXDH	34.4	-0.55	0.22	20.4	-0.95	2.20	19.1	-1.31	0.44	26.7	-0.46	0.70	44.3	-0.41	0.39
KRVFBD	35.5	-0.46	0.93	25.9	0.06	1.39	29.6	0.42	0.46	27.4	-0.38	0.59	39.5	-0.74	1.51
KTKQ37	32.3	-0.74	0.15	25.0	-0.11	0.96	20.7	-1.06	0.40	23.7	-0.82	0.24	37.3	-0.89	0.47
L2TKUD	46.8	0.56	0.84	29.3	0.68	0.74	27.3	0.04	0.76	33.1	0.28	0.50	55.2	0.34	1.28
LN88KP	41.2	0.05	0.77	27.8	0.41	1.04	32.0	0.82	0.59	35.5	0.56	1.19	55.6	0.38	1.17



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NDD2DV	61.1	1.84	1.78	44.8	3.53X	1.72	39.3	2.03	3.74	39.0	0.97	1.30	61.7	0.79	1.84	
NU2ERM	31.4	-0.82	0.19	22.3	-0.59	0.39	26.0	-0.18	0.30	23.6	-0.83	0.18	38.0	-0.84	0.23	
PNEQTB	38.0	-0.23	0.27	30.0	0.81	0.56	24.0	-0.51	0.34	30.7	0.00	0.65	50.0	-0.01	0.41	
QT4KAA	32.2	-0.75	0.67	24.9	-0.12	0.87	27.5	0.07	0.32	17.6	-1.52	0.54	26.8	-1.62	0.53	
RE6U96	55.0	1.30	0.25	29.1	0.64	0.10	28.9	0.31	0.03	41.0	1.21	0.49	63.8	0.94	0.71	
UDFJ3T	40.0	-0.05	0.14	22.1	-0.65	0.36	19.5	-1.25	0.15	29.6	-0.13	0.10	51.2	0.07	0.13	
UKYUB3	38.6	-0.18	0.65	22.7	-0.53	1.26	38.0	1.81	1.23	32.0	0.16	1.39	56.0	0.40	0.90	
UQNHVZ	38.3	-0.20	0.17	26.3	0.14	0.24	25.6	-0.25	0.04	24.4	-0.74	0.18	39.2	-0.76	0.36	
VBC4AV	35.0	-0.50	0.96	21.7	-0.72	2.10	23.0	-0.67	0.91	26.7	-0.47	1.71	44.7	-0.38	1.93	
VKDLP6	43.5	0.27	0.52	34.6	1.65	1.03	129.5	16.95X	0.14	57.5	3.13X	2.72	50.3	0.01	1.93	
X6UPD2	48.9	0.75		26.7	0.20		26.2	-0.14		35.4	0.55		58.6	0.58		
XZJUDX	38.8	-0.16	0.04	22.8	-0.50	0.42	19.6	-1.24	0.39	23.3	-0.86	0.24	40.9	-0.64	0.22	
Y2TYT8	48.1	0.68	0.49	31.2	1.04	0.71	29.9	0.47	1.33	43.7	1.52	3.54	66.6	1.13	1.29	
YHWHK4	27.9	-1.14	0.13	17.4	-1.50	0.10	16.1	-1.82	0.08	20.8	-1.15	0.11	36.3	-0.96	1.21	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	40.6			25.6			27.1			30.7			50.2			
Median Abs Dev	6.2			3.4			3.3			4.8			9.7			
Avg Within Lab SD	3.7			1.8			2.9			2.4			2.4			
Labs Included	40			38			38			39			40			
Labs Reporting	40			40			40			40			40			



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	1.18	-0.57	1.55	0.34	-0.42	0.45	1.25	-0.48	1.09	0.57	-0.39	1.12	0.99	-0.64	0.88	
4PLP8R	1.88	1.25	1.65	0.44	0.29	1.20	1.59	0.72	1.05	0.85	1.20	1.27	1.42	0.65	2.21	
4PXMV	2.02	1.62	0.39	0.50	0.79	0.66	1.70	1.12	0.20	0.82	1.01	0.22	1.70	1.51	0.70	
66DYDV	1.99	1.52	0.41	0.50	0.74	1.32	1.49	0.36	0.10	0.82	1.03	0.89	1.57	1.10	1.01	
6PTJ2J	1.65	0.65	0.45	0.37	-0.17	0.64	1.52	0.48	0.72	0.73	0.54	0.14	1.28	0.25	0.64	
7DJYMW	1.85	1.16	0.93	0.51	0.82	0.68	1.62	0.81	0.16	0.67	0.22	0.12	1.34	0.42	0.79	
7WWPJ8	1.77	0.95	0.98	0.41	0.07	0.37	1.48	0.31	0.11	0.64	0.00	0.30	1.36	0.49	0.53	
8T69HX	1.59	0.48	0.70	0.15	-1.81	0.37	0.95	-1.57	0.19	0.48	-0.90	0.30	1.30	0.31	0.73	
8YX9ZY	1.37	-0.08	1.61	0.37	-0.20	0.90	1.34	-0.19	1.16	0.66	0.11	0.69	1.16	-0.13	1.85	
92GHPQ	1.88	1.24	0.84	0.50	0.76	2.20	1.46	0.24	0.99	0.75	0.66	2.13	1.37	0.50	2.06	
9T78AK	2.46	2.75	1.21	0.38	-0.10	0.48	1.58	0.70	0.15	0.77	0.73	0.21	1.83	1.88	0.10	
AANL9U	1.55	0.40	0.67	0.35	-0.36	0.04	1.33	-0.22	1.11	0.61	-0.14	0.23	1.28	0.24	0.09	
E39QVM	1.11	-0.74	0.32	0.32	-0.58	0.22	1.15	-0.86	0.29	0.51	-0.69	0.25	0.92	-0.85	0.15	
FNQ3J4	1.83	1.12	2.64	0.41	0.07	2.11	1.53	0.49	0.63	0.73	0.51	0.30	1.39	0.58	1.16	
GPXXKL	1.44	0.10	0.67	0.50	0.79	1.32	1.43	0.15	0.54	0.79	0.84	0.45	1.27	0.22	0.53	
GWF4JE	1.40	0.00	1.27	0.31	-0.65	2.22	1.20	-0.68	0.97	0.60	-0.20	1.94	1.20	0.00	1.74	
J3VQ6U	1.39	-0.04	0.92	0.43	0.27	1.33	1.33	-0.21	0.08	0.64	0.00	0.82	1.11	-0.28	1.58	
K2GNP9	1.37	-0.08	0.43	0.54	1.02	1.90	1.12	-0.98	0.30	0.68	0.27	0.58	1.18	-0.06	1.07	
K3RK26	1.30	-0.26	0.13	0.29	-0.77	0.18	0.99	-1.44	0.20	0.47	-0.91	0.11	1.00	-0.61	0.10	
KACN98	1.53	0.35	0.73	0.60	1.51	0.00	1.37	-0.08	0.56	0.83	1.11	1.12	1.23	0.10	1.01	
KH44WC	1.08	-0.83	0.55	0.32	-0.55	0.80	1.04	-1.24	0.94	0.47	-0.95	0.49	0.86	-1.02	0.46	
KPNXDH	1.12	-0.72	0.58	0.25	-1.09	1.59	1.11	-0.99	1.12	0.50	-0.75	0.73	0.92	-0.85	0.96	
KRVFBD	1.40	0.00	1.27	0.40	0.02	0.00	1.60	0.76	0.97	0.70	0.36	0.00	0.83	-1.10	1.01	
KTKQ37	1.40	0.00	0.00	0.29	-0.77	0.80	0.98	-1.45	0.28	0.55	-0.46	0.11	1.10	-0.30	0.00	
L2TKUD	1.77	0.95	0.57	0.47	0.56	0.32	1.42	0.12	0.08	0.77	0.73	0.22	1.45	0.74	0.72	
LN88KP	0.84	-1.46	0.70	0.24	-1.17	0.63	0.95	-1.58	0.68	0.44	-1.10	0.97	0.76	-1.31	1.22	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MEXFBK	2.84	3.72X	1.38	0.67	2.01	1.25	1.54	0.53	4.06	0.91	1.54	3.38	1.59	1.16	0.31	
NDD2DV	2.16	1.98	1.77	0.70	2.27	0.66	1.72	1.20	1.16	1.00	2.06	2.58	1.63	1.30	1.71	
NU2ERM	1.20	-0.51	0.02	0.39	-0.02	0.28	1.44	0.18	0.29	0.58	-0.31	0.22	1.00	-0.59	0.33	
PNEQTB	1.33	-0.17	0.73	0.60	1.51	0.00	1.50	0.40		0.80	0.92	0.00	1.20	0.00	0.00	
QT4KAA	1.04	-0.93	0.89	0.33	-0.47	0.32	1.58	0.68	0.01	0.28	-2.01	0.18	0.54	-1.98	0.52	
RE6U96	1.83	1.12	0.73	0.40	0.02	0.00	1.43	0.16	0.56	0.73	0.55	1.12	1.40	0.60	0.00	
UDFJ3T	1.33	-0.18	0.22	0.28	-0.87	0.32	1.04	-1.26	0.15	0.53	-0.60	0.19	1.04	-0.47	0.40	
UKYUB3	1.51	0.29	1.10	0.30	-0.70	1.43	1.38	-0.02	1.15	0.58	-0.32	0.39	1.30	0.31	0.27	
UQNHVZ	1.43	0.08	0.14	0.40	0.04	0.02	1.39	0.02	0.13	0.61	-0.16	0.14	0.86	-1.02	0.05	
VBC4AV	1.33	-0.17	1.93	0.30	-0.72	0.00	1.27	-0.44	1.12	0.57	-0.39	1.12	1.07	-0.40	2.01	
VKDLP6	1.40	0.00	0.00	0.47	0.52	1.83	1.33	-0.20	0.56	0.53	-0.58	1.12	1.07	-0.40	1.01	
XZJUDX	1.39	-0.03	0.08	0.27	-0.93	0.30	1.05	-1.22	0.22	0.51	-0.70	0.06	0.80	-1.20	0.10	
Y2TYT8	1.91	1.32	1.39	0.43	0.22	0.66	1.67	1.01	2.33	0.78	0.81	0.84	1.56	1.08	1.05	
YHWHK4	1.32	-0.21	0.34	0.35	-0.32	0.16	0.98	-1.46	0.30	0.60	-0.23	0.11	1.10	-0.31	0.03	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Grand Median	1.40			0.40			1.39			0.64			1.20		
Median Abs Dev	0.20			0.08			0.17			0.11			0.19			
Avg Within Lab SD	0.08			0.03			0.10			0.05			0.06			
Labs Included	39			40			40			40			40			
Labs Reporting	40			40			40			40			40			



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
8YX9ZY	3.06		0.84	4.38		0.05	4.05		0.17	1.47		0.03	1.51		0.19
MEXFBK	3.86		1.14	5.78		1.41	6.09		1.40	3.44		1.41	4.18		1.40
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	3.46			5.08			5.07			2.45			2.84		
Median Abs Dev															
Avg Within Lab SD	0.09			0.16			0.98			0.68			0.41		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
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			
MEXFBK	21.9		1.00	32.1		1.00	16.2		1.00	214.5		1.00	103.6		1.00			
Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
Grand Median	21.9			32.1			16.2			214.5			103.6					
Median Abs Dev																		
Avg Within Lab SD	0.8			4.6			4.8			39.6			2.8					
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	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	9.4	-1.01	0.03	40.3	0.33	0.46	16.7	1.41	1.00	7.6	-0.05	0.49	6.7	-0.43	0.86	
4PLP8R	11.9	-0.02	0.19	35.4	-0.19	0.27	44.4	5.35X	2.06	6.8	-0.37	0.10	7.4	0.00	0.13	
GPXXKL	10.5	-0.56		46.2	0.97	0.12	5.0	-0.24		7.8	0.05	0.98	7.2	-0.17	0.65	
K3RK26	14.5	1.03		43.4	0.67	0.52	6.5	-0.02	0.34	8.1	0.16	0.29	8.6	0.73	0.39	
KRVFBD	13.6	0.66	2.74	36.5	-0.08	2.74	4.1	-0.37	1.21	5.0	-1.11	1.89	6.1	-0.85	0.13	
KTKQ37	11.3	-0.23	0.89	34.7	-0.28	0.25	19.0	1.74	1.05	7.1	-0.27	0.84	7.7	0.15	1.59	
M74BGJ	12.0	0.02	0.20	24.1	-1.42	0.26	3.0	-0.52	0.84	6.2	-0.61	1.27	8.1	0.42	0.39	
MEXFBK	16.6	1.85	1.12	41.4	0.46	1.54	14.5	1.11	1.31	12.6	2.03	1.23	13.9	4.06X	5.18	
NDD2DV	15.1	1.25	0.26	52.7	1.68	0.86	9.2	0.36	1.34	11.2	1.45	0.80	11.4	2.50	1.01	
NU2ERM	12.6	0.28	0.06	36.0	-0.13	0.81	6.7	0.00	0.20	7.9	0.08	1.50	8.8	0.86	1.14	
VKDLP6	10.8	-0.46	0.03	38.0	0.08	0.14	4.9	-0.26	0.16	10.4	1.11	0.34	5.9	-0.98	0.13	
XZJUDX	10.1	-0.73	0.56	20.6	-1.80	0.15	16.4	1.37	1.43	5.8	-0.81	0.53	6.9	-0.34	2.16	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	11.9			37.2			6.70			7.72			7.43			
Median Abs Dev	1.5			3.6			2.60			1.19			0.69			
Avg Within Lab SD	1.7			2.3			0.95			0.59			0.45			
Labs Included	12			12			11			12			11			
Labs Reporting	12			12			12			12			12			



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

Data units: mg/kg

WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	0.75	1.25	2.62	0.69	1.41	1.62	0.58	1.43	2.49	0.52	2.24	3.61	0.56	0.83	0.89
6PTJ2J	0.61	0.57	0.72	0.80	1.95	0.79	0.74	2.44	0.79	0.61	2.92	0.09	0.72	1.70	0.31
7DJYMW	0.15	-1.64	0.12	0.24	-0.93	1.55	0.20	-0.84	0.54	0.10	-0.69	0.54	0.17	-1.32	0.29
8YX9ZY	0.35	-0.68	0.94	0.22	-1.06	0.32	0.23	-0.68	0.65	0.13	-0.45	0.57	0.24	-0.97	1.24
92GHPQ	0.45	-0.21	1.87	0.27	-0.77	0.79	0.22	-0.72	0.95	0.23	0.25	0.54	0.46	0.25	3.08
9YRDQR	0.63	0.68	0.38	0.48	0.29	0.26	0.38	0.21	0.53	0.27	0.50	0.23	0.53	0.65	0.00
BZG9NK	0.59	0.46	1.23	0.43	0.03	0.91	0.34	0.00	0.64	0.19	0.00	0.14	0.45	0.20	0.83
GK2FZF	0.41	-0.39	0.25	0.29	-0.69	0.18	0.24	-0.64	0.32	0.17	-0.20	0.12	0.34	-0.40	0.02
J3VQ6U	0.49	0.01	0.58	0.51	0.49	0.74	0.41	0.42	0.23	0.22	0.21	0.30	0.41	0.00	0.83
JGYWFT	0.45	-0.18	0.51	0.42	0.00	0.91	0.34	-0.01	1.58	0.27	0.55	1.54	0.47	0.30	0.76
KH6242	0.63	0.70	1.27	0.50	0.41		0.40	0.36	0.00	0.23	0.27	1.17	0.50	0.49	
LN88KP	0.25	-1.15	0.34	0.29	-0.69	0.53	0.24	-0.59	0.26	0.16	-0.22	0.42	0.31	-0.54	0.76
MEXFBK	0.41	-0.40	0.44	0.21	-1.07	0.37	0.16	-1.12	1.96	0.08	-0.81	0.12	0.16	-1.36	0.20
PNEQTB	1.60	5.40X	4.41	2.00	8.16X	9.11	1.73	8.44X	2.64	1.30	7.68X	0.00	1.73	7.27X	1.44
QNUCY7	0.27	-1.09	1.27	0.27	-0.79	2.63	0.22	-0.72	0.53	0.11	-0.59	0.41	0.20	-1.18	0.52
R9TAHB	0.58	0.42	0.20	0.59	0.86	0.80	0.50	0.97	0.69	0.29	0.64	0.26	0.49	0.41	0.21
VE9P4J	0.49	0.00	0.58	0.42	0.00	0.79	0.42	0.50	0.53	0.15	-0.31	0.00	0.32	-0.48	0.14
XZJUDX	0.59	0.48	0.69	0.37	-0.25	0.26	0.34	0.00	0.27	0.33	0.97	0.13	0.40	-0.08	0.03
Y2TYT8	0.73	1.18	0.67	0.42	0.00	0.79	0.36	0.13	1.47	0.16	-0.26	0.82	0.48	0.38	1.75
YHWHK4	0.22	-1.32	0.10	0.20	-1.13	0.10	0.17	-1.05	0.24	0.09	-0.75	0.03	0.18	-1.28	0.09

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

Data units: mg/kg

	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305
Grand Median	0.49	0.42	0.34	0.19	0.41
Median Abs Dev	0.12	0.13	0.10	0.07	0.09
Avg Within Lab SD	0.05	0.02	0.02	0.05	0.04
Labs Included	19	19	19	19	19
Labs Reporting	20	20	20	20	20



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
E39QVM	0.19	-0.22	0.12	0.19	-0.28	0.14	0.15	0.44	1.30	0.08	0.01	0.53	0.15	0.09	0.09	
GPXXKL	0.21	0.23	1.37	0.19	-0.34	1.29	0.14	0.00	1.47	0.15	1.54	1.66	0.23	1.43	0.97	
GWF4JE	0.29	1.54	0.78	0.25	0.77	0.74	0.19	1.31	0.39	0.12	0.87	0.96	0.21	1.07	0.93	
K2GNP9	0.26	0.96	0.27	0.25	0.75	1.15	0.14	0.00	0.48	0.09	0.11	1.01	0.18	0.54	0.60	
K3RK26	0.20	0.00	0.39	0.17	-0.70	0.00	0.10	-0.91	0.00	0.02	-1.37	0.00	0.11	-0.45	0.47	
KACN98	0.23	0.57	2.26	0.23	0.42	2.81	0.10	-0.91	0.00	0.10	0.42	0.00	0.13	-0.09	2.70	
KH44WC	0.18	-0.40	0.45	0.19	-0.40	0.56	0.17	0.74	1.76	0.08	-0.03	2.54	0.16	0.31	0.93	
KRVFBD	0.20	0.00	0.00	0.20	-0.17	0.00	0.13	-0.09	2.25	0.10	0.42	0.00	0.10	-0.60	0.00	
KTKQ37	0.16	-0.63	0.23	0.11	-1.75	0.49	0.09	-1.26	0.13	0.05	-0.60	0.20	0.12	-0.35	0.27	
NDD2DV	0.32	2.01	1.84	0.29	1.42	0.26	0.17	0.80	0.25	0.08	-0.01	0.86	0.19	0.83	1.04	
NU2ERM	0.18	-0.30	0.66	0.22	0.17	0.27	0.16	0.47	0.33	0.07	-0.25	0.44	0.13	-0.11	0.27	
UQNHVZ	0.20	-0.04	0.41	0.24	0.50	0.72	0.13	-0.14	0.18	0.01	-1.49	0.29	0.09	-0.83	0.84	
VBC4AV	0.31	1.93	1.26	0.25	0.66	1.01	0.21	1.72	0.59	0.16	1.69	1.11	0.29	2.29	1.24	
VKDLP6	0.16	-0.63	0.60	0.15	-1.11	0.56	0.11	-0.66	1.03	0.05	-0.63	0.55	0.11	-0.45	0.00	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	0.20			0.21			0.14			0.081			0.14			
Median Abs Dev	0.03			0.03			0.03			0.023			0.03			
Avg Within Lab SD	0.03			0.02			0.03			0.010			0.02			
Labs Included	14			14			14			14			14			
Labs Reporting	14			14			14			14			14			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32TGUX	0.126	-2.42	0.00	0.047	-2.33	0.12	0.056	-1.80	0.00	0.047	-2.74	0.00	0.077	-2.50	0.21	
7WWPJ8	0.250	0.99		0.100	0.94	0.00	0.103	1.26	1.28	0.090	0.87	0.00	0.147	1.27	0.78	
8T69HX	0.225	0.30	0.06	0.086	0.07	0.21	0.083	-0.03	0.56	0.078	-0.11	0.11	0.123	0.00	0.16	
92GHPQ	0.199	-0.43	0.10	0.080	-0.31	0.59	0.084	0.00	0.95	0.080	0.01	0.12	0.119	-0.22	0.40	
9T78AK	0.190	-0.66	0.00	0.067	-1.13	1.21	0.060	-1.54	0.00	0.060	-1.65	0.00	0.097	-1.45	1.57	
CH8YY6	0.204	-0.27	0.36	0.080	-0.31	0.67	0.080	-0.26	0.34	0.071	-0.71	0.47	0.121	-0.13	0.08	
EDCN4W	0.224	0.27	0.10	0.084	-0.06	0.25	0.089	0.31	0.35	0.080	0.00	0.13	0.134	0.59	0.42	
FNQ3J4	0.155	-1.62	3.18	0.085	0.00	1.30	0.088	0.24	1.71	0.078	-0.10	0.96	0.118	-0.29	1.18	
K3RK26	0.223	0.23	0.13	0.097	0.77	0.32	0.092	0.55	0.51	0.085	0.45	0.18	0.132	0.47	0.27	
KRVFBD	0.217	0.09	1.20	0.101	0.98	2.14	0.107	1.48	1.88	0.092	1.06	3.40	0.132	0.49	2.78	
M74BGJ	0.210	-0.11	0.13	0.094	0.57	0.56	0.076	-0.49	0.46	0.087	0.64	0.11	0.137	0.72	0.08	
NDD2DV	0.214	0.00	0.07	0.083	-0.13	1.01	0.078	-0.35	1.71	0.077	-0.21	0.39	0.123	-0.01	0.53	
YHWHK4	0.264	1.38	0.52	0.104	1.16	1.70	0.091	0.45	0.27	0.082	0.20	0.13	0.135	0.64	0.22	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	0.21			0.085			0.084			0.080			0.12			
Median Abs Dev	0.01			0.009			0.007			0.005			0.01			
Avg Within Lab SD	0.02			0.005			0.005			0.005			0.01			
Labs Included	13			13			13			13			13			
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	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.22	0.62	3.14	0.10	0.38	2.43	0.07	-0.70	2.19	0.07	-0.61	2.10	0.13	-0.31	2.32	
4PLP8R	0.21	0.04	0.11	0.08	-0.52	0.12	0.09	0.41	0.14	0.08	-0.25	0.06	0.12	-0.55	0.18	
4PXMV	0.20	-0.57	0.05	0.08	-0.64	0.79	0.07	-0.54	0.18	0.09	0.63	0.47	0.13	0.03	0.46	
89JGEV	0.21	0.29	0.05	0.09	-0.24	0.27	0.09	0.63	0.23	0.08	0.23	0.06	0.13	-0.03	0.36	
8T69HX	0.20	-0.18	0.25	0.09	0.00	0.10	0.07	-0.35	0.26	0.07	-0.38	0.12	0.13	-0.35	0.27	
BFNJV4	0.22	0.85	0.00	0.08	-0.66	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.13	0.00	0.00	
BTW6GH	0.20	-0.22	0.54	0.10	0.75	0.60	0.09	0.56	0.00	0.10	1.13	0.59	0.14	0.50	0.67	
CH8YY6	0.20	-0.73	2.48	0.12	1.80	2.19	0.10	1.37	0.89	0.10	1.22	0.62	0.12	-0.86	1.12	
DTN69D	0.20	-0.22	0.14	0.09	0.01	0.21	0.08	-0.26	0.37	0.07	-0.81	0.21	0.12	-0.58	0.29	
FNQ3J4	0.19	-0.78	1.86	0.09	-0.09	2.03	0.08	-0.19	1.00	0.07	-0.56	0.77	0.13	0.05	1.46	
GPXXKL	0.22	0.93	0.14	0.12	1.58	0.55	0.10	1.37	0.46	0.09	0.72	0.30	0.14	0.93	0.64	
JGYWFT	0.18	-1.67	0.27	0.07	-1.28	0.39	0.07	-0.58	0.50	0.06	-1.06	0.26	0.10	-1.96	0.31	
JP493A	0.23	1.70	0.54	0.12	1.76	0.00	0.10	0.93	0.52	0.10	1.58	0.59	0.16	2.01	0.67	
K3RK26	0.28	4.69X	0.90	0.15	3.29X	0.79	0.12	2.45	0.09	0.10	1.51	1.34	0.17	2.94X	1.26	
KACN98	0.22	0.56	0.90	0.07	-1.06	1.19	0.09	0.74	1.38	0.08	0.00	1.03	0.12	-0.75	1.17	
M74BGJ	0.21	0.31	0.14	0.09	0.15	0.08	0.08	-0.27	0.38	0.09	0.64	0.21	0.13	0.15	0.23	
NDD2DV	0.21	-0.04	1.46	0.08	-0.50	1.82	0.08	-0.02	1.07	0.08	-0.07	0.99	0.13	-0.27	1.79	
R9TAHB	0.23	1.49	0.00	0.09	0.15	0.60	0.08	0.00	0.00	0.08	0.23	0.59	0.14	1.01	0.67	
RE6U96	0.20	-0.50	0.28	0.10	0.81	0.33	0.10	1.32	0.41	0.10	1.60	0.16	0.14	0.73	0.29	
UWRBZ4	0.20	-0.41	0.11	0.07	-1.51	0.18	0.08	0.02	0.10	0.07	-0.77	0.53	0.12	-1.08	0.76	
V9JBED	0.20	-0.54	0.27	0.09	0.01	0.02	0.09	0.72	0.59	0.08	-0.14	0.10	0.14	0.43	0.47	
VBC4AV	0.20	-0.43	0.00	0.08	-0.46	1.19	0.07	-0.74	2.91	0.07	-0.90	3.30	0.12	-0.75	2.02	
VE9P4J	0.23	1.60	0.81	0.11	1.18	0.21	0.12	2.08	0.26	0.10	1.45	0.21	0.15	1.13	0.54	
VKDLP6	0.22	0.91	0.19	0.09	0.03	0.16	0.08	-0.26	0.05	0.08	0.00	0.27	0.14	0.55	0.18	
VTVZRB	0.22	0.59	0.00	0.09	0.00	0.00	0.08	-0.02	0.00	0.08	0.16	0.00	0.14	0.45	0.00	
Y2TYT8	0.15	-3.63X	3.37	0.07	-1.30	1.37	0.06	-1.00	2.47	0.07	-0.88	1.98	0.11	-1.39	1.98	



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	0.21	0.09	0.080	0.080	0.13	
Median Abs Dev	0.01	0.01	0.010	0.009	0.01	
Avg Within Lab SD	0.01	0.01	0.011	0.010	0.01	
Labs Included	24	25	26	26	25	
Labs Reporting	26	26	26	26	26	



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	2.17	0.30	0.59	0.67	-0.30	1.81	0.76	-0.81	0.76	0.64	-0.43	0.36	1.16	-0.18	1.04	
32TGUX	2.13	-0.20	1.06	0.70	0.22	0.17	0.87	0.38	0.11	0.65	-0.16	0.28	1.22	0.56	2.46	
3GNUBF	2.21	0.85	0.28	0.69	-0.06	0.17	0.86	0.28	0.30	0.70	0.49	0.28	1.10	-0.90	0.19	
4PLP8R	2.12	-0.33	0.11	0.71	0.26	0.05	0.99	1.61	0.28	0.69	0.37	0.14	1.18	0.09	0.32	
4PXMV	2.04	-1.35	1.57	0.64	-0.89	0.69	0.87	0.35	2.49	0.62	-0.65	0.35	1.10	-0.90	0.97	
89JGEV	2.12	-0.40	0.68	0.66	-0.52	0.37	0.85	0.18	0.41	0.65	-0.15	0.45	1.15	-0.30	1.03	
8T69HX	2.14	-0.11	0.18	0.65	-0.61	0.17				0.64	-0.36	0.95	1.21	0.43	0.49	
BTW6GH	2.09	-0.81	0.64	0.73	0.67	0.79	0.91	0.79	0.22	0.68	0.24	0.00	1.14	-0.43	0.64	
CH8YY6	2.11	-0.47	0.84	0.72	0.43	3.43	0.78	-0.54	0.70	0.53	-1.95	1.54	1.00	-2.20	1.03	
DTN69D	2.15	0.06	0.11	0.74	0.88	0.55	0.84	0.07	0.46	0.67	0.15	0.63	1.17	0.00	0.19	
FNQ3J4	2.17	0.32	3.53	0.74	0.81	0.75	0.84	0.00	1.20	0.69	0.33	0.60	1.20	0.39	2.32	
JGYWFT	2.02	-1.68	0.18	0.65	-0.61	0.96	0.86	0.25	0.51	0.64	-0.41	0.55	1.07	-1.38	0.37	
JP493A	2.21	0.80	0.37	0.67	-0.28	1.24	0.70	-1.38	1.08	0.59	-1.06	0.28	1.13	-0.51	0.49	
K3RK26	2.22	0.95	0.09	0.81	1.91	0.28	0.97	1.34	0.14	0.79	1.88	0.21	1.27	1.25	0.09	
KACN98	2.25	1.35	0.06	0.73	0.58	0.75	0.82	-0.17	0.12	0.69	0.43	0.16	1.24	0.83	0.22	
M74BGJ	2.16	0.16	0.02	0.75	0.95	0.08	0.76	-0.82	0.11	0.73	1.05	0.32	1.22	0.60	0.02	
R9TAHB	2.19	0.50	0.21	0.69	0.00	0.30	0.80	-0.36	0.19	0.69	0.39	0.00	1.21	0.52	0.19	
UDFJ3T	2.25	1.28	0.21	0.69	0.00	0.52	1.05	2.15	1.18	0.71	0.74	0.28	1.24	0.82	0.19	
UWRBZ4	2.14	-0.06	0.23	0.58	-1.85	0.81	0.80	-0.36	0.37	0.59	-1.04	0.67	1.13	-0.54	0.99	
VBC4AV	2.02	-1.72	1.74	0.55	-2.27	0.69	0.73	-1.11	2.43	0.52	-2.11	3.97	1.02	-1.98	1.79	
VTVZRB	2.09	-0.71	0.00	0.70	0.23	0.00	0.81	-0.26	0.00	0.68	0.26	0.00	1.17	0.00	0.00	
Y2TYT8	2.18	0.43	0.72	0.66	-0.51	0.45	0.74	-0.94	1.65	0.65	-0.17	0.70	1.17	0.01	0.94	



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	2.15	0.69	0.84	0.66	1.17	
Median Abs Dev	0.04	0.03	0.04	0.03	0.04	
Avg Within Lab SD	0.05	0.03	0.05	0.02	0.03	
Labs Included	22	22	21	22	22	
Labs Reporting	22	22	21	22	22	



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FXG6Q	3.50	-0.60	0.33	1.16	-0.41	2.11	1.86	1.09	1.33	1.17	0.26	1.11	2.04	0.05	1.61		
32TGUX	2.53	-2.29	0.01	0.95	-1.65	0.03	1.12	-1.80	0.01	0.95	-1.71	0.02	1.53	-1.56	0.02		
4PXMV	4.59	1.31	0.05	1.28	0.31	0.33	1.91	1.30	0.60	1.29	1.32	0.10	2.30	0.86	0.07		
6PTJ2J	3.40	-0.77	2.49	1.10	-0.74	2.58	1.30	-1.11	0.90	1.16	0.20	0.18	1.72	-0.97	0.91		
7DJYMW	4.80	1.67	2.74	0.97	-1.53	0.91	1.70	0.47	1.66	1.17	0.24	1.56	2.43	1.29	1.72		
7WWPJ8	4.25	0.70	0.14	1.22	-0.04	0.95	1.69	0.43	0.33	1.15	0.06	0.26	2.18	0.49	0.74		
8T69HX	4.48	1.11	0.58	1.34	0.62	0.39	1.53	-0.18	0.35	1.28	1.26	0.26	2.46	1.38	0.36		
8YX9ZY	3.52	-0.57	1.42	1.23	0.00	0.44	1.35	-0.92	0.12	1.18	0.31	1.09	1.99	-0.13	1.99		
92GHPQ	4.09	0.43	2.04	1.47	1.41	1.26	5.89	16.95X	2.55	1.09	-0.41	0.50	1.46	-1.79	1.54		
92ZC3L	3.74	-0.18	0.32	1.24	0.08	0.39	1.68	0.38	0.19	1.13	-0.12	0.24	2.00	-0.07	0.07		
9T78AK	4.11	0.46	0.18	1.35	0.70	0.31	1.58	-0.01	0.25	1.16	0.21	0.39	2.19	0.51	0.26		
AANL9U	3.70	-0.25	0.09	1.17	-0.34	0.17	1.49	-0.35	1.24	1.12	-0.20	0.04	2.00	-0.08	0.08		
CH8YY6	3.86	0.02	0.19	1.28	0.30	0.00	1.70	0.46	0.90	1.10	-0.32	0.00	1.85	-0.56	2.12		
EDCN4W	4.05	0.36	0.59	1.33	0.57	0.33	1.64	0.23	1.00	1.39	2.21	4.01	2.14	0.35	0.48		
GPXXKL	3.83	-0.02	1.06	1.17	-0.37	0.91	1.33	-0.97	0.96	1.13	-0.06	0.59	1.73	-0.93	1.30		
GWF4JE	3.76	-0.15	0.69	1.18	-0.27	0.39	1.40	-0.71	0.60	1.10	-0.38	0.36	2.01	-0.05	0.70		
K3RK26	4.29	0.78	0.43	1.58	2.05	2.29	1.81	0.92	1.13	1.28	1.21	0.30	2.35	1.03	0.74		
LN88KP	3.88	0.06	0.59	1.28	0.31	0.39	1.51	-0.28	1.99	1.14	0.00	0.31	2.11	0.27	0.62		
M74BGJ	3.96	0.21	0.73	1.38	0.87	0.95	1.77	0.75	1.20	1.16	0.21	0.33	2.08	0.16	1.04		
MD4CZY	3.59	-0.44	0.29	1.19	-0.23	0.16	1.43	-0.60	1.00	1.05	-0.79	0.27	1.87	-0.50	0.69		
PNEQTB	2.60	-2.17	0.00	1.30	0.41	0.00	1.57	-0.05	0.96	0.93	-1.82	1.18	1.47	-1.78	0.65		
QT4KAA	4.68	1.46	0.53	1.56	1.89	1.48	1.71	0.50	1.50	1.76	5.50X	1.95	2.61	1.84	0.89		
R9TAHB	3.68	-0.29	0.20	1.23	-0.03	0.47	1.44	-0.54	0.56	1.01	-1.11	0.25	1.98	-0.15	0.27		
TQBDZW	4.01	0.28	1.19	2.00	4.48X	1.57	2.18	2.36	1.47	1.16	0.18	0.91	2.05	0.08	1.08		
UKYUB3	3.47	-0.65	0.33	1.20	-0.17	0.16	1.58	0.00	1.00	1.05	-0.76	0.12	1.89	-0.44	0.13		
YHWHK4	3.67	-0.30	0.70	0.95	-1.60	0.06	1.69	0.44	0.06	0.97	-1.51	0.54	2.10	0.22	0.80		



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2301	SRS2302	SRS2303	SRS2304	SRS2305	
Grand Median	3.85	1.23	1.58	1.14	2.03	
Median Abs Dev	0.26	0.07	0.13	0.04	0.16	
Avg Within Lab SD	0.11	0.06	0.06	0.10	0.09	
Labs Included	26	25	25	25	26	
Labs Reporting	26	26	26	26	26	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	4.50	0.37	2.02	1.64	0.61	2.11	1.65	0.16	3.01	1.68	1.08	2.72	2.85	0.44	1.87	
66DYDV	4.38	-0.11	1.17	1.59	0.16	0.40	1.51	-0.60	0.35	1.53	0.02	0.65	2.79	0.18	0.70	
6GNCLJ	4.42	0.04	0.50	1.57	0.00	0.39	1.42	-1.07	1.72	1.53	0.03	0.59	2.69	-0.29	0.67	
6PTJ2J	4.74	1.36	1.96	1.65	0.63	0.83	1.82	1.09	0.31	1.63	0.73	0.62	3.05	1.36	1.06	
6WH2J2	4.15	-1.08	0.01	1.41	-1.30	0.02	1.37	-1.33	0.01	1.38	-1.07	0.02	2.48	-1.20	0.01	
7DJYMW	5.13	3.00	0.39	1.83	2.13	0.28	1.81	1.06	0.30	1.83	2.19	0.29	3.28	2.39	0.30	
89JGEV	4.57	0.65	0.56	1.60	0.25	0.00	1.73	0.63	0.86	1.57	0.27	0.99	2.90	0.67	0.87	
8YX9ZY	1.39	-12.57X	0.41	0.51	-8.69X	0.21	0.51	-6.02X	0.21	0.45	-7.88X	0.60	0.87	-8.43X	0.49	
96HQU2	4.65	1.01	0.79	1.59	0.19	1.53	1.56	-0.31	1.76	1.59	0.41	0.71	2.86	0.51	0.31	
9MJE3R	4.43	0.08	0.26	1.57	0.03	0.09	1.65	0.18	0.26	1.54	0.10	0.26	2.86	0.48	0.13	
AGRHYM	4.54	0.53	1.37	1.59	0.16	1.39	1.60	-0.07	0.69	1.53	0.00	0.78	2.79	0.17	1.41	
BFNJV4	4.37	-0.15	0.06	1.53	-0.36	0.09	1.61	-0.05	0.23	1.52	-0.07	0.30	2.70	-0.24	0.05	
BLYF2Y	4.06	-1.47	1.04	1.48	-0.71	1.06	1.49	-0.67	0.90	1.39	-1.02	0.34	2.42	-1.49	1.58	
CH8YY6	4.39	-0.07	2.43	1.43	-1.14	0.34	1.72	0.55	1.72	1.49	-0.29	0.37	3.02	1.19	0.10	
CLUB7M	4.53	0.51	0.56	1.60	0.25	0.00	1.67	0.27	0.86	1.70	1.23	1.71	2.90	0.67	0.87	
DNVYW W	4.33	-0.32	0.56	1.50	-0.57		1.60	-0.09	0.00	1.50	-0.22		2.60	-0.67	0.00	
DTN69D	4.44	0.14	0.06	1.56	-0.05	0.18	1.63	0.05	0.17	1.44	-0.68	0.10	2.66	-0.39	0.05	
E39QVM	4.45	0.16	0.08	1.58	0.09	0.05	1.73	0.59	0.11	1.57	0.32	0.10	2.80	0.23	0.04	
FN8JCC	4.74	1.37	0.17	1.76	1.56	0.15	1.76	0.80	0.38	1.75	1.62	0.10	3.05	1.35	0.09	
GJB6AM	4.36	-0.21	0.58	1.54	-0.25	0.00	1.70	0.45	0.45	1.47	-0.46	0.10	2.59	-0.70	0.31	
GPXXKL	4.50	0.38	0.97	1.43	-1.12	0.88	1.60	-0.09	1.50	1.50	-0.22	1.71	2.67	-0.37	1.33	
HQKZK8	4.68	1.12	0.10	1.66	0.77	0.09	1.98	1.96	0.17	1.70	1.26	0.10	2.97	0.97	0.10	
J3VQ6U	4.47	0.24	1.13	1.60	0.25	0.00	1.63	0.09	0.86	1.53	0.02	0.99	2.87	0.52	0.50	
JU2LBT	4.63	0.93	0.23	1.64	0.57	0.30	1.91	1.58	0.23	1.59	0.46	0.36	2.84	0.39	0.18	
K2GNP9	4.33	-0.32	0.56	1.53	-0.30	0.88	1.47	-0.82	0.86	1.53	0.02	0.99	2.73	-0.07	0.50	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KH44WC	6.02	6.70X	5.56	1.86	2.40	3.44	1.65	0.16	1.10	1.66	0.97	0.43	3.81	4.75X	0.96	
KRVFBD	4.48	0.31	1.84	1.58	0.08	1.18	1.54	-0.42	1.04	1.54	0.10	0.69	2.79	0.18	0.26	
KTKQ37	4.30	-0.46	0.00	1.53	-0.30	0.88	1.63	0.09	0.86	1.47	-0.46	0.99	2.63	-0.52	0.50	
L2TKUD	4.18	-0.97	0.87	1.42	-1.24	0.26	1.64	0.15	0.68	1.35	-1.30	0.12	2.42	-1.46	0.26	
LN88KP	4.43	0.10	0.39	1.59	0.16	0.99	1.77	0.85	1.20	1.64	0.77	0.69	2.79	0.20	0.79	
M74BGJ	4.20	-0.87	0.97	1.50	-0.57		1.40	-1.18	0.00	1.37	-1.19	0.99	2.57	-0.82	0.50	
MEXFBK	4.39	-0.10	0.23	1.56	-0.11	0.32	1.69	0.38	1.00	1.49	-0.29	0.62	2.69	-0.28	0.36	
NDD2DV	3.84	-2.36	0.65	1.36	-1.69	1.53	1.38	-1.30	1.80	1.33	-1.48	0.84	2.28	-2.12	0.31	
NU2ERM	4.80	1.64	0.96	1.70	1.09	0.80	1.84	1.19	1.01	1.67	1.05	1.03	3.00	1.10	0.42	
NUNMY7	4.20	-0.87	0.97	1.23	-2.76	0.88	1.27	-1.90	0.86	1.13	-2.88	0.99	2.47	-1.27	1.33	
QNUCY7	4.40	-0.04	0.00	1.53	-0.30	0.88	1.60	-0.09	0.00	1.47	-0.46	0.99	2.73	-0.07	1.01	
TBXZM6	3.32	-4.55X	5.65	1.14	-3.52X	0.26	1.25	-1.98	0.74	0.96	-4.11X	0.81	1.84	-4.06X	0.28	
UQNHVZ	4.35	-0.24	0.06	1.53	-0.30	0.23	1.59	-0.14	0.00	1.48	-0.36	0.17	2.63	-0.52	0.05	
V9JBED	4.08	-1.39	1.02	1.41	-1.28	0.53	1.35	-1.45	0.79	1.39	-1.02	0.34	2.76	0.06	0.27	
VE9P4J	4.43	0.10	0.37	1.61	0.33	0.30	1.75	0.74	0.23	1.51	-0.12	0.65	2.91	0.70	0.48	
VKDLP6	4.25	-0.67	0.74	1.55	-0.16	0.30	1.55	-0.38	0.38	1.48	-0.39	0.43	2.66	-0.42	0.10	
VTVZRB	4.37	-0.17	0.00	1.62	0.41	0.00	1.48	-0.76	0.00	1.55	0.16	0.00	2.65	-0.46	0.00	
WMVAHG	4.07	-1.43	0.56	1.47	-0.85	0.88	1.50	-0.63		1.40	-0.94	0.00	2.50	-1.12		
XZJUDX	4.28	-0.55	0.53	1.66	0.72	0.49	1.70	0.43	1.13	1.59	0.46	0.45	2.76	0.04	0.23	
Y2TYT8	4.52	0.44	2.99	1.47	-0.80	2.66	1.45	-0.88	1.99	1.42	-0.83	3.84	2.74	-0.04	4.68	

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	4.41			1.57			1.62			1.53			2.75			
Median Abs Dev	0.11			0.05			0.11			0.06			0.12			
Avg Within Lab SD	0.10			0.07			0.07			0.06			0.11			
Labs Included	42			43			44			43			42			
Labs Reporting	45			45			45			45			45			



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups													Data units: %		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4PLP8R	5.23		0.49	1.80		0.94	1.90		1.00	1.73		0.47	3.50		0.47
FNQ3J4	4.13		1.64	1.23		1.43	1.20		1.00	1.20		1.61	2.33		1.66
TBXZM6	3.51		0.30	1.18		0.28	1.44		1.01	1.00		0.43	1.99		0.09
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups													Data units: %		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	4.13			1.23			1.44			1.20			2.33		
Median Abs Dev															
Avg Within Lab SD	0.47			0.11			0.10			0.12			0.37		
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	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4PLP8R	0.84	0.29	0.14												
7DJYMW	0.97	0.73	0.74	0.66	0.20	0.10	0.11	0.19		0.15	0.24		0.74	0.13	
7HD3A9	0.75	0.00	0.03												
FNQ3J4	0.67	-0.27	1.36	0.59	0.00	1.43									
GPXXKL	0.37	-1.27	0.38	0.13	-1.25	0.24	0.33	1.00		0.30	0.00		0.20	0.00	
MEXFBK	1.03	0.94	2.10	1.07	1.32	1.70	0.90	1.72		0.37	1.99		0.77	2.00	
YHWHK4	0.38	-1.21	0.00	0.37	-0.60	0.00	0.37	0.00		0.37	0.00		0.38	0.00	

CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	0.75			0.59			0.35			0.33			0.56		
Median Abs Dev	0.22			0.22											
Avg Within Lab SD	0.15			0.24			0.06			0.08			0.15		
Labs Included	7			5			4			4			4		
Labs Reporting	7			5			4			4			4		



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4PLP82	19.20	-0.28	0.85	7.93	1.33	0.66	3.96	1.02	0.10	5.90	0.59	0.31	16.37	0.18	0.59	
4PLP8R	20.07	0.08	0.61	6.39	-1.77	0.57	2.43	-1.01	0.75	4.27	-2.01	0.29	16.47	0.25	0.50	
4PXMV	22.58	1.15	0.54	7.76	1.00	0.57	3.90	0.94	1.02	6.68	1.83	0.42	18.60	1.71	0.40	
7DJYMW	38.63	7.94X	0.77	13.90	13.32X	0.16	9.17	7.92X	0.49	13.48	12.68X	1.15	29.73	9.36X	0.35	
8T69HX	19.26	-0.26	1.05	7.34	0.14	2.51	2.72	-0.62	1.27	5.53	-0.01	1.46	13.86	-1.54	0.80	
9T78AK	21.05	0.50	0.15	7.26	-0.01	0.17	2.22	-1.28	0.39	5.38	-0.24	0.21	17.07	0.66	0.21	
FNQ3J4	26.63	2.86	2.51	7.73	0.94	1.10	3.20	0.02	2.20	6.00	0.74	2.53	16.10	0.00	2.53	
JGYWFT	19.80	-0.03	0.28	7.24	-0.05	0.55	3.19	0.00	0.25	5.61	0.13	0.23	15.61	-0.34	0.51	
K3RK26	19.87	0.00	0.28	7.27	0.00	0.14	3.67	0.63	0.19	5.53	0.00	0.08	14.87	-0.85	0.66	
M74BGJ	17.73	-0.90	0.18	6.85	-0.84	0.18	2.77	-0.56	0.82	5.21	-0.52	0.13	15.33	-0.53	0.68	

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	19.9			7.27			3.19			5.53			16.1			
Median Abs Dev	0.7			0.42			0.48			0.32			0.8			
Avg Within Lab SD	1.2			0.41			0.30			0.73			0.8			
Labs Included	9			9			9			9			9			
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	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	19.03	1.08	0.54	8.50	-0.49	0.30	2.23	-0.91	0.30	4.37	-0.92	0.19	14.57	-0.46	0.46	
92GHPQ	20.47	1.65	0.42	9.02	-0.30	0.78	2.79	-0.50	0.47	4.83	-0.69	0.33	15.26	-0.12	0.63	
9MJ3R	15.40	-0.34	0.36	11.47	0.63	0.77	2.57	-0.66	0.30	6.07	-0.09	1.34	12.27	-1.59	1.64	
9T78AK	16.26	0.00	0.22	7.50	-0.87	0.51	2.13	-0.98	0.15	3.19	-1.50	0.55	14.17	-0.65	0.98	
DTN69D	20.06	1.49	0.33	4.44	-2.02	0.27	1.12	-1.73	0.39	7.14	0.44	0.17	18.30	1.38	0.10	
FNQ3J4	26.03	3.83X	4.47	10.13	0.13	1.50	4.07	0.44	0.61	7.47	0.60	1.16	18.87	1.65	1.47	
JGYWFT	16.03	-0.09	0.34	6.56	-1.22	0.05	4.41	0.69	1.76	8.86	1.28	0.47	15.12	-0.18	0.53	
KRVFBD	15.60	-0.26	1.34	10.70	0.34	1.10	4.73	0.93	2.61	7.80	0.76	2.06	15.73	0.12	0.69	
LN88KP	14.73	-0.60	1.29	10.07	0.10	1.84	4.60	0.83	1.06	9.23	1.46	1.16	16.23	0.36	1.46	
NDD2DV	19.60	1.31	2.76	12.60	1.05	1.90	3.40	-0.05	1.06	5.63	-0.30	0.19	16.00	0.25	1.89	
NUNMY7	15.37	-0.35	0.07	6.77	-1.14	0.35	3.30	-0.12	0.53	6.20	-0.03	2.01	14.43	-0.52	0.21	
VE9P4J	17.63	0.54	0.25	10.95	0.43	0.40	3.53	0.05	0.03	6.30	0.03	0.11	13.09	-1.18	0.06	
VKDLP6	16.27	0.00	0.59	9.53	-0.10	0.70	5.20	1.28	0.00	8.90	1.30	0.00	16.97	0.72	0.84	
XWE9J7	18.97	1.06	0.78	11.50	0.64	1.06	3.83	0.27	0.81	6.13	-0.06	0.69	16.03	0.26	0.59	

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	16.3			9.80			3.47			6.25			15.5			
Median Abs Dev	1.4			1.48			0.92			1.32			1.0			
Avg Within Lab SD	0.8			0.33			0.19			0.30			0.5			
Labs Included	13			14			14			14			14			
Labs Reporting	14			14			14			14			14			



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32TGUX	2.25	6.99X	0.48	2.04	2.35	0.59	2.45	11.15X	1.32	2.12	2.30	0.40	2.09	6.50X	0.45	
89JGEV	0.96	-0.15	1.54	1.34	-0.06	2.12	1.32	0.08	1.75	1.15	-0.37	0.83	1.00	-0.27	1.71	
8YX9ZY	0.95	-0.23		1.34	-0.08		1.27	-0.34		1.12	-0.43		1.00	-0.25		
92GHPQ	1.28	1.62	0.32	1.63	0.94	0.71	1.43	1.17	0.35	1.41	0.35	0.47	1.22	1.11	0.51	
K3RK26	1.30	1.70	0.28	1.69	1.12	0.22	1.45	1.38	0.50	1.58	0.81	0.23	1.37	2.04	0.00	
KH6242	1.02	0.15	0.28	1.36	0.00	0.39	1.30	-0.08	0.00	1.28	0.00	0.00	1.07	0.19	0.00	
XWE9J7	0.95	-0.20	1.54	1.31	-0.17	0.67	1.21	-0.99	1.25	1.11	-0.46	2.21	1.01	-0.19	1.35	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	0.99			1.36			1.31			1.28			1.04			
Median Abs Dev	0.04			0.05			0.07			0.16			0.04			
Avg Within Lab SD	0.02			0.03			0.02			0.02			0.02			
Labs Included	6			7			6			7			6			
Labs Reporting	7			7			7			7			7			



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	25.5	1.03		82.2	-0.58	1.08	84.3	0.60	1.18	39.0	0.75	0.87	26.3	0.85	1.54	
4PXMV	16.7	-0.40	0.78	83.4	-0.29	0.00	79.4	-1.61	0.00	30.7	-0.47	0.76	17.4	-0.57	0.00	
66DYDV	16.9	-0.37	0.87	79.1	-1.32	0.29	81.9	-0.48	0.90	24.7	-1.35	0.46	14.7	-0.99	0.44	
7DJYMW	19.0	-0.03	0.60	84.2	-0.11	0.54	82.2	-0.38	0.47	31.2	-0.41	0.76	20.2	-0.13	0.72	
7U8JYA	7.6	-1.89	0.04	80.5	-0.98	0.91	81.0	-0.90	0.20	22.0	-1.75	0.27	5.7	-2.42	0.32	
7WWPJ8	16.2	-0.48	1.03	84.7	0.03	0.05	82.3	-0.32	0.00	31.0	-0.43	0.00	19.0	-0.32	0.00	
89JGEV	24.5	0.87	0.47	83.4	-0.29	1.41	81.0	-0.88	0.83	35.8	0.27	2.35	22.3	0.21	0.11	
8T69HX	18.1	-0.17	1.05	86.3	0.41	0.70	85.6	1.16	0.57	34.5	0.09	1.44	20.8	-0.03	0.47	
8YX9ZY	18.0	-0.19		86.0	0.33		85.0	0.89		37.0	0.45		29.0	1.27		
92GHPQ	21.5	0.39	0.39	85.1	0.12	0.75	83.3	0.14	0.03	35.4	0.22	0.03	22.0	0.17	0.36	
9T78AK	26.2	1.15	1.60	87.8	0.75		83.2	0.08	0.00	41.2	1.07	0.00	28.2	1.15	0.00	
BFNJV4	12.9	-1.02	0.51	80.8	-0.90	0.00	82.7	-0.15	0.59	33.3	-0.09	0.00	17.4	-0.57	0.00	
BTW6GH	9.0	-1.66	0.13	79.2	-1.28	0.09	80.1	-1.29	0.16	26.2	-1.14	0.27	7.7	-2.10	0.10	
BZG9NK	18.3	-0.14	0.97	85.0	0.10		83.3	0.15	0.59	32.5	-0.21		21.7	0.11	0.45	
DNVYW W	22.0	0.46		75.0	-2.28		75.0	-3.57X		38.0	0.60		22.0	0.16		
FNQ3J4	21.7	0.41	0.78	87.0	0.57	1.63	85.0	0.89	2.83	47.3	1.97	1.65	36.3	2.43	3.15	
GJB6AM	22.7	0.57	0.00	80.8	-0.89	0.00	82.5	-0.23	0.00	34.8	0.12	0.00	24.3	0.53	0.00	
JGYWFT	12.4	-1.11	0.06	85.4	0.18	0.20	81.5	-0.67	0.03	29.9	-0.59	0.42	16.0	-0.78	1.20	
K3RK26	17.0	-0.35		83.3	-0.30	0.54	83.0	0.00		30.3	-0.53	0.38	20.0	-0.16		
KACN98	23.3	0.68	0.97	85.8	0.29	0.68	85.0	0.89		40.0	0.89		25.0	0.64		
KRVFBD	25.3	1.01	1.83	88.0	0.81	2.46	83.3	0.15	1.51	38.0	0.60	1.39	25.3	0.69	0.63	
KTKQ37	25.3	1.01	0.78	88.7	0.97	1.08	85.3	1.04	0.94	38.7	0.70	0.76	26.0	0.80		
LN88KP	21.5	0.38	0.48	80.0	-1.09	1.33	82.0	-0.45		30.0	-0.58		18.5	-0.39	0.44	
NUNMY7	25.2	0.98		93.2	2.04		85.2	0.98		39.2	0.78		25.2	0.67		
QT4KAA	19.0	-0.03	1.03	87.8	0.76	0.73	83.8	0.36	0.92	31.4	-0.36	0.58	18.1	-0.46	0.93	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
UDFJ3T	19.3	0.03	0.78	84.6	0.00	0.65	87.5	2.01		37.2	0.48	0.49	21.0	0.00	0.47	
UWRBZ4	12.8	-1.04	1.24	80.1	-1.07	1.43	79.6	-1.53	0.28	29.1	-0.71	1.88	12.8	-1.31	1.51	
V9JBED	23.9	0.77	0.00	83.7	-0.21	0.00	83.6	0.27	0.00	39.0	0.75	0.00	22.6	0.26	0.00	
VBC4AV	20.7	0.25	2.55	68.7	-3.79X	3.55	80.7	-1.04	1.70	32.0	-0.28	1.74	20.3	-0.10	1.45	
VE9P4J	20.1	0.15	0.00	85.9	0.31	0.00	84.0	0.45		36.0	0.31		24.0	0.48		
VKDLP6	17.0	-0.35		81.0	-0.86		83.0	0.00		27.0	-1.02		21.0	0.00		
VL7QUX	15.4	-0.61	0.00	84.7	0.01	0.00	82.4	-0.29	0.00	30.8	-0.46	0.00	16.2	-0.76	0.00	
WMVAHG	5.4	-2.24	2.06	79.5	-1.21	2.44	78.7	-1.92	2.40	25.4	-1.25	1.67	19.5	-0.23	1.92	
YHWHK4	23.6	0.72	0.52	88.5	0.92	0.43	82.8	-0.09	0.18	42.6	1.28	0.82	28.6	1.20	1.06	
Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	19.2			84.6			83.0			33.9			21.0			
Median Abs Dev	3.2			2.4			1.1			4.0			3.5			
Avg Within Lab SD	1.5			1.1			1.2			1.5			1.6			
Labs Included	34			33			33			34			34			
Labs Reporting	34			34			34			34			34			



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	40.5	-1.30	0.49	11.2	0.05	1.12	9.2	-1.11	2.13	45.2	-1.24	0.78	51.7	-0.94	0.93	
4PXMV	48.7	-0.42	0.43	12.0	0.27		14.7	0.82	0.85	52.7	-0.14	0.59	62.0	0.36		
66DYDV	54.7	0.23	0.51	12.1	0.29	1.09	9.2	-1.10	0.82	56.9	0.48	0.63	66.6	0.94	0.40	
7DJYMW	52.3	-0.03	0.33	11.1	0.02	0.45	13.4	0.37	0.74	56.7	0.45	0.78	62.7	0.45	0.00	
7U8JYA	58.5	0.64	0.39	11.5	0.14	0.50	11.9	-0.16	0.51	58.4	0.70	0.27	68.6	1.18	0.43	
7WWPJ8	59.1	0.70	2.85	9.3	-0.46	1.17	11.0	-0.48	1.08	58.8	0.75	2.27	61.9	0.34	0.70	
89JGEV	42.2	-1.11	1.43	12.4	0.39	1.85	13.8	0.50	1.47	48.8	-0.70	1.90	56.5	-0.34	0.55	
8T69HX	46.9	-0.60	0.28	9.3	-0.46	0.58	10.1	-0.78	1.66	53.5	-0.03	0.38	62.6	0.43	0.35	
8YX9ZY	55.0	0.26		11.0	0.00		10.0	-0.82		52.0	-0.24		54.0	-0.65		
92GHPQ	44.6	-0.86	0.43	10.6	-0.10	0.89	10.0	-0.83	0.03	46.9	-0.99	0.01	56.6	-0.32	0.53	
9T78AK	41.7	-1.17	0.44	4.9	-1.67	0.00	9.6	-0.95	0.00	44.1	-1.39	0.00	54.5	-0.59	0.00	
BFNJV4	54.3	0.19	0.50	15.7	1.30	0.58	10.6	-0.62	1.07	54.3	0.09	0.37	63.3	0.53	0.35	
BTW6GH	62.7	1.09	0.04	14.4	0.93	0.16	13.6	0.43	0.11	54.1	0.07	0.26	68.7	1.20	0.40	
BZG9NK	52.9	0.04	0.54	12.9	0.53	0.56	14.2	0.64	0.53	55.8	0.32	0.37	62.1	0.37	0.67	
DNVYW W	35.0	-1.89		13.0	0.55		13.0	0.23		39.0	-2.14		51.0	-1.02		
FNQ3J4	47.3	-0.56	0.43	9.7	-0.37	0.90	12.3	0.00	2.13	39.3	-2.09	1.65	47.3	-1.48	3.07	
GJB6AM	43.2	-1.01	0.00	13.0	0.55		11.3	-0.37	0.00	51.0	-0.39		49.4	-1.22	0.00	
JGYWFT	67.8	1.64	0.43	10.0	-0.28	0.22	13.8	0.53	0.06	58.5	0.70	0.63	70.6	1.44	1.05	
K3RK26	59.7	0.76	0.22	15.7	1.28	0.45	15.0	0.94		57.3	0.54	0.30	65.0	0.74	0.46	
KACN98	59.6	0.75	0.27	6.7	-1.19	0.56	7.5	-1.70		45.0	-1.26		55.8	-0.41	0.33	
KRVFBD	54.1	0.17	2.40	10.1	-0.24	1.80	13.5	0.40	1.71	50.1	-0.51	1.57	56.8	-0.29	1.60	
KTKQ37	48.0	-0.49	0.75	5.5	-1.50	0.63	13.7	0.47	0.85	51.3	-0.34	0.59	58.3	-0.10	0.53	
LN88KP	55.5	0.32	1.85	18.0	1.92	1.10	14.0	0.58		56.5	0.42	0.36	67.5	1.05	0.33	
NUNMY7	46.6	-0.64		1.6	-2.58		7.6	-1.66		55.6	0.28		65.6	0.81		
QT4KAA	56.4	0.41	0.42	10.0	-0.28	0.61	14.4	0.74	0.78	57.7	0.59	0.44	68.0	1.12	0.64	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
UDFJ3T	45.4	-0.77	0.26	9.3	-0.46	0.56	6.9	-1.92	0.55	49.3	-0.64	0.38	57.5	-0.20	0.35	
UWRBZ4	62.9	1.11	1.84	15.2	1.15	1.03	15.7	1.17	0.35	55.3	0.24	1.25	69.8	1.34	1.37	
V9JBED	35.8	-1.80	0.00	8.0	-0.83	0.00	4.0	-2.91X	0.00	40.4	-1.93	0.00	46.7	-1.56	0.00	
VBC4AV	50.0	-0.28	0.99	24.7	3.75X	3.84	14.7	0.82	0.43	54.7	0.15	1.07	59.7	0.07	0.53	
VE9P4J	49.9	-0.29	0.00	10.1	-0.25	0.00	12.0	-0.12		48.0	-0.82		58.0	-0.14		
VKDLP6	50.0	-0.28		14.0	0.82		12.0	-0.12		54.0	0.05		58.0	-0.14		
VL7QUX	52.9	0.03	0.00	10.2	-0.21	0.00	12.6	0.09	0.00	53.8	0.03	0.00	65.5	0.79	0.00	
WMVAHG	61.0	0.90	1.73	12.0	0.27	3.05	11.1	-0.44	1.11	56.6	0.43	2.29	58.6	-0.07	2.80	
YHWHK4	54.5	0.21	0.07	7.6	-0.94	0.47	13.3	0.34	0.19	41.2	-1.81	1.12	56.9	-0.28	0.73	

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	52.6			11.0			12.3			53.6			59.1			
Median Abs Dev	5.8			1.7			1.7			3.4			4.4			
Avg Within Lab SD	2.7			1.3			1.4			2.0			2.2			
Labs Included	34			33			33			34			34			
Labs Reporting	34			34			34			34			34			



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	34.00	0.63	0.63	6.67	0.78	1.99	6.50	0.48	1.85	15.83	0.32	1.16	22.00	0.83	1.02	
4PXMV	34.60	0.72	0.00	4.60	-0.07	0.00	5.93	0.29	0.86	16.60	0.50	0.00	20.60	0.51	0.00	
66DYDV	28.33	-0.20	0.28	8.87	1.70	1.06	8.87	1.31	0.17	18.33	0.91	0.42	18.67	0.08	0.44	
7DJYMW	28.78	-0.13	0.48	4.78	0.00	0.88	4.45	-0.24	0.43	12.11	-0.55	0.42	17.11	-0.27	0.89	
7U8JYA	33.89	0.62	0.52	8.02	1.35	0.46	7.14	0.71	0.58	19.60	1.20	0.61	25.76	1.67	1.10	
7WWPJ8	24.70	-0.73	2.92	5.94	0.48	1.27	6.75	0.57	1.08	10.22	-1.00	3.18	19.17	0.19	1.16	
89JGEV	33.20	0.52	2.03	4.20	-0.24	0.78	5.20	0.03	0.71	15.40	0.22	0.12	21.20	0.65	0.96	
8T69HX	34.97	0.78	0.39	4.27	-0.21	1.27	4.30	-0.29	1.15	12.00	-0.58	2.12	16.67	-0.38	1.15	
8YX9ZY	27.00	-0.39		3.00	-0.74		5.00	-0.04		11.00	-0.82		17.00	-0.30		
92GHPQ	33.91	0.62	0.48	4.44	-0.14	0.49	6.75	0.57	0.05	17.75	0.77	0.02	21.41	0.70	0.44	
9T78AK	32.14	0.36	0.57	7.35	1.07	0.00	7.21	0.73	0.00	14.71	0.06	0.00	17.33	-0.23	0.00	
BFNJV4	32.73	0.45	0.39	3.47	-0.55	0.66	6.77	0.58	0.54	12.43	-0.48	0.52	19.27	0.21	0.58	
BTW6GH	28.30	-0.20	0.13	6.40	0.67	0.15	6.37	0.44	0.09	19.73	1.23	0.18	23.57	1.18	0.57	
BZG9NK	28.75	-0.13		2.08	-1.12	0.64	2.50	-0.92		11.67	-0.66	0.52	16.25	-0.47	0.96	
DNVYW W	43.00	1.95		12.00	3.00X		12.00	2.41		23.00	2.00		27.00	1.96		
FNQ3J4	31.00	0.20		3.33	-0.60	0.51	2.67	-0.86	0.43	13.33	-0.27	1.10	16.33	-0.45	1.94	
GJB6AM	34.16	0.66	0.00	6.16	0.57	0.00	6.24	0.39	0.00	14.24	-0.06	0.00	26.28	1.79	0.00	
JGYWFT	19.80	-1.44	0.55	4.67	-0.05	0.07	4.67	-0.16	0.06	11.64	-0.67	0.44	13.34	-1.12	0.28	
K3RK26	23.33	-0.93	0.28	1.00	-1.57		2.00	-1.09		12.00	-0.58		15.00	-0.75	0.77	
KACN98	17.08	-1.84	0.34	7.50	1.13		7.50	0.84		15.00	0.12		19.17	0.19	0.56	
KRVFBD	20.53	-1.34	1.78	1.87	-1.21	0.89	3.20	-0.67	1.57	11.87	-0.61	0.72	17.87	-0.10	1.98	
KTKQ37	26.67	-0.44	0.55	5.53	0.31	0.71	1.40	-1.31	0.00	10.00	-1.05		15.67	-0.60	0.89	
LN88KP	23.00	-0.98	2.03	2.00	-1.16		4.00	-0.39		13.50	-0.23	0.51	14.00	-0.98		
NUNMY7	28.20	-0.21		5.20	0.17		7.20	0.73		5.20	-2.18		9.20	-2.06		
QT4KAA	24.64	-0.74	0.55	2.19	-1.08	0.06	1.76	-1.18	0.06	10.85	-0.85	0.23	13.99	-0.98	0.12	



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
UDFJ3T	35.00	0.78		6.07	0.53	0.66	5.63	0.18	0.56	13.57	-0.21	0.54	21.50	0.71	
UWRBZ4	24.28	-0.79	1.47	4.69	-0.04	0.20	4.74	-0.13	0.50	15.59	0.26	0.57	17.42	-0.21	0.46
V9JBED	40.36	1.57	0.00	8.32	1.47	0.00	12.36	2.54	0.00	20.52	1.42	0.00	30.64	2.78 X	0.00
VBC4AV	29.33	-0.05	0.55	6.67	0.78	1.02	4.67	-0.16	1.71	13.33	-0.27	0.83	20.00	0.38	1.54
VE9P4J	30.00	0.05		4.00	-0.32		4.00	-0.39		16.00	0.36		18.00	-0.07	
VKDLP6	33.00	0.49		5.00	0.09		5.00	-0.04		19.00	1.06		21.00	0.60	
VL7QUX	31.72	0.30	0.00	5.11	0.14	0.00	5.04	-0.03	0.00	15.38	0.21	0.00	18.33	0.00	0.00
WMVAHG	33.60	0.58	0.74	8.53	1.56	3.45	10.23	1.79	3.29	18.00	0.83	1.87	21.87	0.80	2.31
YHWHK4	21.92	-1.13	0.35	3.98	-0.33	0.13	3.89	-0.43	0.15	16.20	0.40	1.30	14.56	-0.85	0.21

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	29.7			4.78			5.12			14.5			18.3		
Median Abs Dev	4.2			1.38			1.50			2.5			2.7		
Avg Within Lab SD	2.1			1.14			1.35			1.4			1.3		
Labs Included	34			33			34			34			33		
Labs Reporting	34			34			34			34			34		



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
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			
YHWHK4	32.68		1.00	7.32		1.00	9.54		1.00	23.07		1.00	27.85		1.00			

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
Grand Median	32.7			7.32			9.54			23.1			27.8					
Median Abs Dev																		
Avg Within Lab SD	0.7			0.17			0.28			1.0			0.4					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups													Data units: %		
SRS2301				SRS2302			SRS2303			SRS2304			SRS2305		
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
YHWHK4	15.28		1.00	2.60		1.00	3.46		1.00	9.40		1.00	10.48		1.00

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups						Data units: %	
	SRS2301		SRS2302		SRS2303	SRS2304	SRS2305
Grand Median	15.3		2.60		3.46	9.40	10.5
Median Abs Dev							
Avg Within Lab SD	0.4		0.21		0.24	1.83	0.1
Labs Included	1		1		1	1	1
Labs Reporting	1		1		1	1	1



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Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4PXMV	5.43		0.14	2.05		0.89	1.13		0.85	2.30		0.11	4.41		0.13	
7WWPJ8	5.87		0.21	2.30		0.37	1.52		0.61	2.39		0.06	4.66		0.39	
YHWHK4	17.41		1.71	4.72		1.44	6.08		1.38	13.67		1.73	17.37		1.68	
Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	5.87			2.30			1.52			2.39			4.66			
Median Abs Dev																
Avg Within Lab SD	0.40			0.06			0.03			0.47			0.22			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BFNJV4	978.1		0.18	1,003.7		0.88	302.7		0.40	336.3		0.73	683.6		0.37
CH8YY6	959.1		0.46	896.9		0.89	304.8		0.39	357.0		0.82	570.9		0.45
NDD2DV	1,027.0		1.66	1,045.7		1.20	257.0		1.64	338.0		1.34	705.3		1.63
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305		
Grand Median	978.1			1,003.7			302.7			338.0			683.6		
Median Abs Dev															
Avg Within Lab SD	20.0			19.9			19.3			4.9			10.1		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
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			
V9JBED	79.2		1.00	18.7		1.00	22.3		1.00	5.6		1.00	6.9		1.00			

Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
Grand Median	79.2			18.7			22.3			5.60			6.90					
Median Abs Dev	0.0			0.0			0.0			0.00			0.00					
Avg Within Lab SD	0.0			0.0			0.0			0.00			0.00					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
GWF4JE	10.8		1.00	24.5		1.14	7.5		1.00	7.7		1.00	11.3		1.00	
K3RK26	11.0			24.3		0.84	7.0			5.0			9.0			
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS2301			SRS2302			SRS2303			SRS2304			SRS2305			
Grand Median	10.9			24.4			7.27			6.37			10.1			
Median Abs Dev																
Avg Within Lab SD	0.3			0.7			0.85			0.32			0.8			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
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
K3RK26	4.00			2.00			32.33		0.04	17.33		0.26	3.00					
NDD2DV	2.92		1.00	0.66		1.00	39.63		1.41	16.70		1.39	1.62					1.00
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2301				SRS2302				SRS2303				SRS2304				SRS2305		
Grand Median	3.46			1.33			36.0			17.0			2.31					
Median Abs Dev																		
Avg Within Lab SD	0.32			0.01			14.5			2.2			0.32					
Labs Included	2			2			2			2			2					
Labs Reporting	2			2			2			2			2					



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Dry Matter (%) (SubTestCode 201)													Data units: Percent		
WebCode	SRB2301			SRB2302			SRB2303			SRB2304					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2KXFNV	91.6	0.00	1.16	93.3	0.48	0.54	94.2	0.26	0.74	94.5	0.52	1.15			
AGLF3M	93.0	1.18	0.00	92.8	0.04		94.0	0.00	0.00	94.3	0.29	0.00			
BFNJV4	91.3	-0.25	0.05	92.4	-0.23	0.22	93.6	-0.42	0.21	93.9	-0.22	0.13			
DTN69D	92.4	0.64	0.82	92.4	-0.22	0.56	94.0	0.03	0.78	94.0	-0.01	0.61			
E39QVM	92.6	0.84	0.05	94.0	1.07	0.25	94.8	0.91	0.12	95.0	1.19	0.15			
J3VQ6U	92.4	0.67	0.14	93.1	0.30	0.35	94.9	0.98	0.28	94.8	0.95	0.60			
K3RK26	92.8	0.98	0.00	94.0	1.11	0.00	94.9	0.98	0.00	94.9	1.00	0.00			
KACN98	90.7	-0.77	0.04	92.6	-0.06	0.19	93.5	-0.60	0.11	93.8	-0.27	0.19			
KNRVYD	91.5	-0.08	2.72	93.0	0.21	1.70	94.2	0.23	2.50	94.5	0.61	0.97			
LN88KP	90.0	-1.34	0.94	91.1	-1.35	0.28	92.5	-1.75	1.13	92.9	-1.43	0.81			
QPLJ8A	91.5	-0.10		92.7	0.00	0.00	93.9	-0.13	0.00	94.4	0.44	0.00			
RE6U96	92.0	0.33	0.27	92.2	-0.44	0.56	93.7	-0.32	0.22	93.6	-0.50	0.31			
TG32G8	90.2	-1.17	0.16	91.5	-0.96	0.74	93.0	-1.17	0.38	93.3	-0.94	0.61			
XWE9J7	92.1	0.43		94.5	1.50		94.7	0.80		94.0	0.00				
XZJUDX	90.0	-1.37	1.59	90.1	-2.14	2.88	92.7	-1.56	2.23	92.6	-1.75	3.13			

Dry Matter (%) (SubTestCode 201)					Data units: Percent	
	SRB2301	SRB2302	SRB2303	SRB2304		
Grand Median	91.6	92.7	94.0	94.0		
Median Abs Dev	0.8	0.5	0.5	0.4		
Avg Within Lab SD	0.4	0.2	0.3	0.2		
Labs Included	15	15	15	15		
Labs Reporting	15	15	15	15		



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NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	3,295.3	0.75	0.13	2,182.0	0.62	0.18	704.3	-1.12	1.83	447.0	-0.49	1.00	
6PTJ2J	3,272.6	0.67	1.59	1,379.3	-2.45	2.72	626.9	-1.85	2.28	85.4	-4.81X	0.34	
FNQ3J4	3,240.0	0.56	1.83	1,923.3	-0.37	0.83	859.3	0.35	0.19	443.3	-0.53	0.32	
GWF4JE	3,031.7	-0.12	0.07	2,058.0	0.15	0.42	847.7	0.24	0.30	539.7	0.62	0.88	
J3VQ6U	3,156.2	0.29	0.11	1,949.1	-0.27	0.23	826.1	0.04	0.04	484.7	-0.04	0.07	
KACN98	2,949.8	-0.39	0.61	1,958.7	-0.23	0.56	818.4	-0.04	0.17	507.8	0.24	0.71	
KPNXDH	2,634.3	-1.43	1.36	1,718.3	-1.15	1.21	603.7	-2.07	0.86	338.3	-1.78	1.00	
KRVFBD	2,623.3	-1.47	0.55	1,726.7	-1.12	0.54	743.3	-0.75	1.15	415.3	-0.86	1.00	
KTKQ37	3,063.3	-0.02	1.68	2,293.3	1.05	1.05	847.7	0.24	0.36	516.7	0.35	1.08	
M74BGJ	3,552.3	1.59	0.21	2,423.0	1.54	0.02	861.7	0.37	0.07	546.3	0.70	0.27	
MEXFBK	2,523.3	-1.80	2.00	1,826.7	-0.74	0.43	699.0	-1.17	0.16	395.3	-1.10	0.18	
NDD2DV	2,670.0	-1.31	0.08	1,876.0	-0.55	0.28	737.3	-0.80	0.10	440.7	-0.56	0.14	
QT4KAA	2,903.0	-0.55	0.53	2,065.3	0.18	0.18	850.0	0.26	0.70	487.7	0.00	2.54	
RE6U96	3,099.3	0.10	0.04	2,041.7	0.08	0.08	828.0	0.05	0.15	513.7	0.31	0.30	
UDFJ3T	3,070.0	0.00	0.27	2,011.0	-0.03		754.3	-0.64	0.17	404.7	-0.99	0.13	
VBC4AV	3,094.3	0.08	0.41	2,033.7	0.05	1.47	811.3	-0.10	0.47	525.0	0.45	0.66	
VTVZRB	3,067.9	0.00	0.00	2,027.9	0.03	0.00	850.8	0.27	0.00	520.4	0.39	0.00	
Y2TYT8	3,372.9	1.00	1.48	2,418.8	1.53	1.73	1,011.3	1.79	2.51	659.3	2.05	2.09	

NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
	SRB2301			SRB2302			SRB2303			SRB2304			
Grand Median	3,069.0			2,019.5			822.3			487.7			
Median Abs Dev	168.5			119.8			38.2			44.3			
Avg Within Lab SD	181.4			153.9			48.8			24.5			
Labs Included	18			18			18			17			
Labs Reporting	18			18			18			18			



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NO3 - N ISE (SubTestCode 203)										Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
66DYDV	5,483.3		0.98	3,696.7		1.91	2,176.7		1.98	2,043.3	1.91
HQKZK8	3,544.7		1.35	2,218.0		0.12	908.2		0.15	1,051.3	0.44
K3RK26	3,763.8		0.48	1,940.7		0.27	845.1		0.20	788.9	0.12
XZJUDX	3,415.2		0.99	2,365.7		0.52	1,151.6		0.05	1,146.6	0.39
NO3 - N ISE (SubTestCode 203)										Data units: mg/kg	
	SRB2301			SRB2302			SRB2303			SRB2304	
Grand Median	3,654.2			2,291.9			1,029.9			1,098.9	
Median Abs Dev											
Avg Within Lab SD	86.6			96.8			101.5			66.7	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg
SRB2301			SRB2302			SRB2303			SRB2304	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
BFNJV4	3,075.0		1.13	2,560.0		0.99	1,351.7		1.26	1,171.7 1.38
QPLJ8A	1,859.0		0.41	1,358.7		1.31	553.0		0.75	399.7 0.79
XWE9J7	3,486.9		1.24	2,356.3		0.54	914.9		0.92	599.8 0.69
NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg
SRB2301			SRB2302			SRB2303			SRB2304	
Grand Median	3,075.0		2,356.3			914.9			599.8	
Median Abs Dev										
Avg Within Lab SD	53.1		23.1			24.2			20.6	
Labs Included	3		3			3			3	
Labs Reporting	3		3			3			3	



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NH4-N (SubTestCode 205) Data units: mg/kg											
	SRB2301			SRB2302			SRB2303			SRB2304	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
DTN69D	741.3		1.41	531.2		1.41	147.8		1.00	81.8	1.41
VTVZRB	783.1		0.00	338.6		0.00	132.5			66.2	0.00
NH4-N (SubTestCode 205) Data units: mg/kg											
	SRB2301			SRB2302			SRB2303			SRB2304	
Grand Median	762.2			434.9			140.2			74.0	
Median Abs Dev											
Avg Within Lab SD	2.7			3.9			2.0			1.2	
Labs Included	2			2			2			2	
Labs Reporting	2			2			2			2	



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PO4 - P (SubTestCode 206)												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	2,236.7	0.50	0.53	4,123.3	1.01	0.32	1,066.7	-0.14	1.00	1,976.7	-0.23	0.64	
6PTJ2J	2,918.1	3.55X	1.70	4,927.6	2.95X	3.72	1,622.9	4.67X	1.73	2,884.8	4.24X	1.85	
FNQ3J4	2,230.0	0.47	0.21	3,963.3	0.62	0.90	1,123.3	0.35	0.40	2,140.0	0.58	1.18	
K3RK26	1,972.6	-0.68	0.22	3,721.8	0.04	0.25	1,099.9	0.15	0.43	1,908.1	-0.56	0.35	
KPNXDH	2,498.3	1.67	1.58	4,267.7	1.36	0.78	1,071.3	-0.10	1.03	2,222.7	0.98	0.90	
KRVFBD	1,986.7	-0.62	1.36	3,476.7	-0.55	0.17	1,093.3	0.10	1.25	2,240.0	1.07	1.27	
NDD2DV	1,952.3	-0.77	1.81	3,447.7	-0.62	1.13	940.0	-1.23	0.98	1,843.7	-0.88	2.22	
QT4KAA	2,111.3	-0.06	1.01	3,688.7	-0.04	0.59	1,197.3	0.99	1.89	2,068.3	0.23	0.27	
UDFJ3T	2,137.7	0.06	0.30	3,552.7	-0.37	0.35	953.0	-1.12	0.09	1,904.3	-0.58	0.24	
VBC4AV	1,937.3	-0.84	0.84	3,153.7	-1.33	2.53	847.7	-2.03	0.72	1,878.7	-0.71	0.58	
Y2TYT8	2,365.0	1.08	0.40	4,038.3	0.80	0.52	1,145.0	0.54	0.98	2,211.6	0.93	0.48	

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB2301	SRB2302	SRB2303	SRB2304		
Grand Median	2,124.5	3,705.2	1,082.3	2,022.5		
Median Abs Dev	144.9	257.8	51.8	131.0		
Avg Within Lab SD	84.4	185.7	37.9	89.5		
Labs Included	10	10	10	10		
Labs Reporting	11	11	11	11		



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
SRB2301			SRB2302			SRB2303			SRB2304		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
FNQ3J4	15,966.7		1.70	16,900.0		1.69	1,736.7		1.65	1,386.7	1.68
K3RK26	1.4		0.00	1.5		0.00	0.1		0.00	0.1	0.00
XZJUDX	13,854.8		0.33	15,617.6		0.38	2,262.2		0.52	1,302.3	0.40
SO4 - S (SubTestCode 207)										Data units: mg/kg	
SRB2301			SRB2302			SRB2303			SRB2304		
Grand Median	13,854.8		15,617.6			1,736.7			1,302.3		
Median Abs Dev											
Avg Within Lab SD	628.9		876.3			151.0			94.3		
Labs Included	3		3			3			3		
Labs Reporting	3		3			3			3		



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CI (SubTestCode 208)													Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2KXFNV	3.55	1.18	0.45	1.11	0.20	0.24	1.33	0.09	0.52	0.59	-0.22	0.00		
66DYDV	3.44	0.77	0.17	1.19	0.62	0.60	1.38	0.33	0.57	0.63	0.12	1.17		
8YX9ZY	3.18	-0.21	0.20	1.01	-0.37	0.50	1.23	-0.36	0.29	0.55	-0.53	0.38		
AANL9U	4.78	5.77X	0.64	1.36	1.58	0.93	1.70	1.86	1.86	0.84	1.72	0.43		
BFNJV4	3.35	0.41	0.20	1.07	0.00	0.50	1.37	0.28	0.14	0.60	-0.17	0.44		
DTN69D	3.34	0.37	0.11	1.04	-0.19	0.13	1.26	-0.24	0.01	0.54	-0.59	0.00		
FNQ3J4	3.07	-0.63	0.32	0.97	-0.59	1.39	1.13	-0.84	1.43	0.50	-0.93			
K3RK26	3.48	0.92	3.48	1.42	1.91	0.20	1.70	1.91	0.15	0.86	1.89	0.14		
KPNXDH	3.07	-0.61	1.11	1.45	2.09	2.45	1.70	1.90	2.72	0.82	1.56	3.56		
KRVFBD	2.74	-1.86	0.66	1.09	0.07	2.37	1.26	-0.25	1.22	0.62	0.00	0.60		
M74BGJ	3.29	0.21	0.45	1.33	1.43	0.86	1.43	0.60	0.14	0.75	1.00	0.37		
QPLJ8A	3.13	-0.39	0.03	0.98	-0.51	0.00	1.19	-0.55	0.14	0.52	-0.74	0.59		
QT4KAA	3.02	-0.80	0.52	0.99	-0.46	0.81	1.21	-0.47	0.80	0.62	0.02	0.53		
RE6U96	3.32	0.30	0.22	1.19	0.62	0.28	1.46	0.72	0.14	0.72	0.80	0.00		
UDFJ3T	3.00	-0.88		1.06	-0.07	0.00	1.26	-0.23	0.00	0.63	0.09	0.00		
VBC4AV	3.03	-0.76	0.27	0.94	-0.72	0.28	1.13	-0.84	1.03	0.52	-0.80	0.44		
XWE9J7	3.37	0.49	0.39	1.07	-0.02	0.22	1.31	0.00	0.31	0.58	-0.29	0.25		

CI (SubTestCode 208)					Data units: Percent	
	SRB2301	SRB2302	SRB2303	SRB2304		
Grand Median	3.24	1.07	1.31	0.62		
Median Abs Dev	0.17	0.09	0.10	0.07		
Avg Within Lab SD	0.18	0.04	0.04	0.03		
Labs Included	16	17	17	17		
Labs Reporting	17	17	17	17		



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TKN (SubTestCode 209)													Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
CH8YY6	3.75	-0.73	0.32	2.55	-0.81	1.09	3.58	-0.86	1.96	1.89	-2.03	1.34		
DNVYW W	4.04	-0.24	0.08	2.78	-0.11	1.01	3.78	0.00	0.25	2.17	0.13	0.23		
DTN69D	4.32	0.24	0.17	3.07	0.76	0.68	4.07	1.29	0.59	2.26	0.88	0.79		
K3RK26	4.37	0.32	0.14	2.86	0.11	0.28	3.89	0.49	0.20	2.18	0.25	0.20		
KRVFBD	4.83	1.11	2.70	2.95	0.38	1.22	4.00	0.98	1.62	2.15	0.00	2.10		
KTKQ37	3.88	-0.51	0.09	2.70	-0.37	0.84	3.70	-0.33	0.25	2.08	-0.55	0.20		
LN88KP	5.08	1.53	0.74	3.53	2.13	1.74	5.39	7.20X	5.90	2.75	4.70X	2.82		
R9TAHB	3.76	-0.72	0.00	2.58	-0.72	0.11	3.60	-0.77	0.12	2.04	-0.89	0.12		
TKN (SubTestCode 209)													Data units: Percent	
	SRB2301			SRB2302			SRB2303			SRB2304				
Grand Median	4.18			2.82			3.78			2.15				
Median Abs Dev	0.36			0.18			0.17			0.07				
Avg Within Lab SD	0.37			0.05			0.05			0.05				
Labs Included	8			8			7			7				
Labs Reporting	8			8			8			8				



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N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	4.50	2.08	3.63	3.01	1.64	0.39	4.00	1.64	1.00	2.22	1.04	1.22
3GNUBF	3.99	-0.86	0.39	2.71	-1.33	0.33	3.62	-1.23	0.50	2.04	-1.09	0.76
42VHH6	4.45	1.79	2.42	1.67	-11.56X	1.89	3.06	-5.40X	1.44	1.35	-9.10X	1.51
4PLP8R	4.24	0.60	0.62	2.84	-0.02	0.28	3.81	0.25	0.36	2.12	-0.16	0.35
66DYDV	4.11	-0.19	1.55	2.85	0.08	0.57	3.81	0.25	0.73	2.14	0.08	1.06
6GNCLJ	4.17	0.19	0.30	2.84	0.02	0.11	3.78	0.02	0.06	2.08	-0.59	0.05
6PTJ2J	3.96	-1.02	0.65	2.74	-1.01	0.57	3.65	-0.96	0.17	2.03	-1.16	0.24
6WH2J2	4.11	-0.17	0.51	2.80	-0.38	0.43	3.73	-0.38	0.45	2.03	-1.20	0.98
89JGEV	4.05	-0.51	0.18	2.77	-0.72	0.37	3.73	-0.40	0.64	2.07	-0.71	0.18
8YX9ZY	3.94	-1.16	1.50	2.80	-0.38	0.91	3.61	-1.31	3.22	2.12	-0.08	1.82
AANL9U	4.27	0.77	0.38	2.89	0.46	0.28	3.84	0.46	0.50	2.15	0.29	0.25
AGRHYM	4.08	-0.36	0.56	2.79	-0.48	0.59	3.70	-0.63	0.73	2.12	-0.16	1.22
BFNJV4	4.11	-0.17	0.51	2.82	-0.18	0.43	3.77	-0.10	0.28	2.08	-0.58	0.30
CH8YY6	4.56	2.40	0.81	3.02	1.75	3.86	4.19	3.05X	0.44	2.46	3.87X	5.09
DTN69D	4.07	-0.40	0.39	2.77	-0.68	0.16	3.70	-0.58	0.28	2.08	-0.62	0.17
E39QVM	4.12	-0.11	0.17	2.85	0.03	0.21	3.79	0.10	0.29	2.15	0.19	0.07
FNQ3J4	4.13	-0.03	1.83	2.80	-0.38	1.56	3.75	-0.23	2.93	2.13	0.04	1.26
GWF4JE	4.14	0.03	0.68	2.84	-0.05	0.71	3.78	0.00	0.72	2.17	0.47	0.60
HQKZK8	4.11	-0.15	1.69	2.83	-0.15	2.56	3.74	-0.33	0.77	2.09	-0.43	1.22
J3VQ6U	4.13	-0.05	0.22	2.74	-1.05	0.15	3.72	-0.44	0.36	2.06	-0.77	0.05
JU2LBT	4.14	-0.01	0.40	3.15	3.00X	0.43	3.86	0.63	0.50	2.07	-0.70	0.30
K2GNP9	4.15	0.08	1.36	2.86	0.21	0.71	3.78	0.03	0.50	2.15	0.23	1.09
K3RK26	4.46	1.83	0.11	2.82	-0.21	0.95	3.83	0.38	1.14	2.20	0.76	0.17
KACN98	4.49	2.03	0.46	3.05	2.03	0.66	4.03	1.85	0.56	2.25	1.39	0.32
KPNXDH	4.21	0.43	1.07	2.88	0.37	0.75	3.90	0.90	0.63	2.35	2.53	4.08
M74BGJ	4.04	-0.55	0.30	2.80	-0.45	0.16	3.71	-0.50	0.36	2.09	-0.43	0.17



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N- Dry Comb. (SubTestCode 210)													Data units: Percent
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MD4CZY	4.09	-0.26	0.68	2.80	-0.41	0.85	3.59	-1.43	1.19	2.06	-0.82	0.80	
MEXFBK	4.11	-0.15	0.30	2.78	-0.64	1.66	3.70	-0.63	0.69	2.13	-0.04	0.35	
NDD2DV	4.13	-0.05	0.34	2.84	-0.02	0.57	3.78	0.00	0.83	2.15	0.23	0.30	
NUNMY7	4.16	0.10	0.49	2.79	-0.54	0.43	3.62	-1.18	1.20	2.08	-0.54	0.76	
QPLJ8A	3.97	-0.97	0.34	2.71	-1.27	1.00	3.63	-1.13	0.24	2.02	-1.24	0.17	
R9TAHB	4.29	0.89	0.11	2.96	1.19	0.16	3.94	1.23	0.14	2.25	1.44	0.17	
RE6U96	4.35	1.24	0.22	3.03	1.82	0.43	3.96	1.36	0.24	2.24	1.28	0.30	
TBXZM6	2.77	-7.91X	0.11	4.04	11.82X	0.16	2.07	-12.90X	0.14	3.72	18.52X	0.35	
TG32G8	4.63	2.83	0.34	3.12	2.73	0.00	4.10	2.43	0.14	2.29	1.87	0.30	
UDFJ3T	4.20	0.37	0.22	2.89	0.47	0.28	3.82	0.28	0.14	2.20	0.82	0.52	
UPDHWK	4.11	-0.15	0.49	2.85	0.05	0.16	3.79	0.08	0.63	2.16	0.35	0.30	
VBC4AV	4.25	0.64	0.84	2.96	1.19	0.87	3.86	0.63	0.97	2.17	0.47	0.91	
VE9P4J	4.37	1.33	0.19	2.99	1.47	0.21	3.98	1.51	0.17	2.23	1.17	0.53	
VTVZRB	4.11	-0.17	0.00	2.85	0.07	0.00	3.78	-0.02	0.00	2.13	0.05	0.00	
XWE9J7	4.31	1.00	0.20	2.90	0.53	0.27	3.89	0.80	0.11	2.19	0.71	0.10	
XZJUDX	4.17	0.20	0.54	2.88	0.41	0.54	3.72	-0.44	1.24	2.12	-0.12	0.43	
Y2TYT8	4.14	0.01	1.62	2.85	0.09	1.95	3.75	-0.26	2.54	2.12	-0.14	2.41	

N- Dry Comb. (SubTestCode 210)					Data units: Percent
	SRB2301		SRB2302		SRB2304
Grand Median	4.14		2.84		2.13
Median Abs Dev	0.07		0.05		0.05
Avg Within Lab SD	0.05		0.04		0.03
Labs Included	42		40		40
Labs Reporting	43		43		43



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
J3VQ6U	1.85		1.40	1.93		0.55	0.40		1.41	0.22	1.41
UDFJ3T	1.89		0.21	1.82		1.30	0.40		0.00	0.25	
VTVZRB	34.00			35.00			42.50			41.60	0.00

S- Dry Comb. (SubTestCode 211)					Data units: Percent	
	SRB2301		SRB2302		SRB2303	SRB2304
Grand Median	1.89		1.93		0.40	0.25
Median Abs Dev						
Avg Within Lab SD	0.03		0.03		0.00	0.00
Labs Included	3		3		3	3
Labs Reporting	3		3		3	3



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	0.42	0.91	2.34	0.61	0.90	1.75	0.34	0.80	1.42	0.29	0.95	1.57
3GNUBF	0.40	0.28	1.35	0.50	-0.91	0.32	0.37	1.79	4.71	0.26	-0.78	0.78
42VHH6	0.32	-2.27	1.14	0.48	-1.30	0.48	0.28	-1.79	0.12	0.26	-0.88	0.41
6GNCLJ	0.35	-1.38	0.31	0.48	-1.29	1.62	0.27	-2.27	0.09	0.24	-1.64	1.10
6PTJ2J	0.77	12.17X	9.41	1.02	7.68X	14.17	0.73	16.36X	11.78	0.63	16.47X	14.62
6WH2J2	0.36	-0.84	0.57	0.55	-0.14	0.07	0.31	-0.67	0.26	0.27	-0.33	0.21
89JGEV	0.40	0.40	0.18	0.58	0.38	0.17	0.35	0.95	0.69	0.29	0.78	0.30
8LNCXW	0.41	0.47	0.32	0.57	0.27	0.42	0.33	0.23	0.15	0.29	0.51	0.16
8YX9ZY	0.36	-0.83	0.19	0.54	-0.36	0.33	0.31	-0.40	0.25	0.27	-0.18	0.10
AANL9U	0.43	1.32	0.14	0.65	1.55	0.65	0.36	1.40	0.69	0.31	1.74	0.53
AGLF3M	0.44	1.70	0.33	0.71	2.60	0.55	0.39	2.80	0.34	0.32	2.29	0.94
AGRHYM	0.37	-0.76	0.06	0.53	-0.47	0.17	0.32	-0.25	0.33	0.27	0.00	0.14
BFNJV4	0.40	0.31	0.00	0.59	0.59	0.73	0.35	1.07	0.58	0.30	1.21	0.00
CH8YY6	0.37	-0.65	0.15	0.53	-0.51	0.21	0.31	-0.60	0.04	0.27	-0.35	0.08
CLUB7M	0.39	-0.12	0.33	0.45	-1.86	0.28	0.19	-5.32X	0.00	0.27	-0.19	0.00
DNVYW W	0.34	-1.52	0.87	0.51	-0.86	0.55	0.30	-0.93	0.58	0.27	-0.34	0.47
DTN69D	0.42	0.96	0.21	0.59	0.52	0.42	0.34	0.74	0.11	0.29	0.88	0.08
E39QVM	0.39	0.02	0.29	0.53	-0.54	1.72	0.32	0.04	0.69	0.26	-0.54	2.09
FNQ3J4	0.36	-0.98	1.14	0.53	-0.41	0.73	0.32	-0.13	0.58	0.26	-0.81	1.24
GWF4JE	0.38	-0.34	0.57	0.56	0.09	0.73	0.32	-0.13	0.58	0.27	-0.19	0.81
HQKZK8	0.40	0.16	0.19	0.55	-0.17	1.59	0.32	0.00	0.59	0.28	0.32	0.53
J3VQ6U	0.40	0.30	0.22	0.58	0.31	0.13	0.31	-0.61	0.05	0.27	-0.37	0.05
JU2LBT	0.38	-0.44	0.66	0.52	-0.58	0.28	0.32	0.00	0.34	0.27	-0.03	0.47
K2GNP9	0.40	0.41	0.33	0.59	0.54	0.48	0.33	0.27	0.00	0.29	0.59	0.47
K3RK26	0.40	0.16	0.12	0.57	0.27	0.31	0.33	0.24	0.38	0.28	0.43	0.18



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KACN98	0.49	3.27X	0.53	0.66	1.67	0.40	0.39	2.53	0.09	0.33	2.55	0.38	
KNRVYD	0.44	1.59	0.97	0.60	0.77	0.66	0.34	0.80	1.47	0.30	1.09	2.15	
KPNXDH	0.37	-0.55	1.74	0.53	-0.52	1.81	0.31	-0.40	2.05	0.25	-1.12	2.81	
KRVFBD	0.36	-0.85	1.50	0.48	-1.25	1.50	0.30	-0.75	0.96	0.28	0.19	0.72	
KTKQ37	0.36	-0.98	2.05	0.53	-0.52	0.73	0.31	-0.40	0.67	0.27	-0.19	0.81	
LN88KP	0.41	0.63	0.57	0.58	0.42	1.20	0.32	0.00	0.34	0.28	0.28	1.62	
M74BGJ	0.40	0.31	0.57	0.58	0.31	0.28	0.33	0.27	0.58	0.27	-0.03	0.47	
MD4CZY	0.37	-0.66	0.00	0.54	-0.36	0.28	0.32	-0.13	0.00	0.27	-0.19	0.00	
MEXFBK	0.39	0.09	1.74	0.59	0.54	2.98	0.34	0.54	1.47	0.28	0.43	2.34	
NDD2DV	0.37	-0.52	1.88	0.59	0.56	1.84	0.32	-0.06	1.21	0.29	0.68	2.06	
QNUCY7	0.39	-0.02	2.28	0.52	-0.69	1.67	0.34	0.67	1.01	0.25	-0.96	0.94	
QPLJ8A	0.35	-1.19	0.33	0.52	-0.58	1.20	0.30	-0.79	0.67	0.25	-1.12	0.81	
QT4KAA	0.39	0.02	2.42	0.53	-0.46	0.39	0.31	-0.67	0.43	0.26	-0.70	0.64	
R9TAHB	0.82	13.69X	1.32	1.21	10.85X	2.63	0.62	11.99X	0.89	0.57	13.92X	0.47	
RZY6MN	0.39	-0.06	0.87	0.56	0.09	0.15	0.31	-0.36	0.09	0.27	-0.25	0.12	
TG32G8	0.45	1.99	0.43	0.68	2.06	1.15	0.36	1.40	0.21	0.32	1.91	0.43	
UPDHWK	0.37	-0.64	0.34	0.55	-0.16	0.17	0.32	-0.12	0.12	0.27	-0.03	0.17	
VBC4AV	0.43	1.16	0.33	0.59	0.54	0.48	0.34	0.80	0.34	0.29	0.90	0.47	
VE9P4J	0.39	-0.06	0.28	0.53	-0.55	0.15	0.33	0.15	0.12	0.28	0.14	0.24	
VTVZRB	0.38	-0.21	0.00	0.56	0.00	0.00	0.32	-0.09	0.00	0.28	0.05	0.00	
XWE9J7	0.40	0.34	0.12	0.59	0.56	0.29	0.32	-0.07	0.34	0.28	0.51	0.34	
Y2TYT8	0.40	0.31	1.14	0.58	0.31	1.81	0.34	0.54	1.47	0.29	0.74	1.62	



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

	SRB2301	SRB2302	SRB2303	SRB2304
Grand Median	0.39	0.56	0.32	0.27
Median Abs Dev	0.02	0.03	0.01	0.01
Avg Within Lab SD	0.02	0.02	0.02	0.01
Labs Included	44	45	44	45
Labs Reporting	47	47	47	47



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	2.61	0.61	2.30	1.90	0.00	1.64	2.55	-0.22	2.17	2.71	-0.24	0.66
3GNUBF	2.35	-0.75	1.15	1.76	-0.71	1.24	2.23	-1.66	0.97	2.31	-1.76	0.33
42VHH6	2.33	-0.82	0.75	1.80	-0.53	0.63	2.53	-0.34	0.62	2.79	0.06	0.62
6GNCLJ	2.29	-1.06	0.85	1.52	-1.91	1.27	1.95	-2.92X	0.14	2.18	-2.28	1.21
6PTJ2J	2.60	0.55	1.46	2.03	0.66	0.18	2.75	0.66	0.32	2.93	0.60	0.25
6WH2J2	2.46	-0.19	0.30	1.92	0.10	0.08	2.51	-0.40	0.10	2.71	-0.25	0.12
89JGEV	2.50	0.02	0.30	1.86	-0.21	0.29	2.70	0.45	0.94	2.88	0.39	0.37
8LNCXW	2.47	-0.10	0.46	1.85	-0.25	0.43	2.54	-0.30	0.14	2.76	-0.08	0.21
8YX9ZY	2.39	-0.55	0.42	1.83	-0.39	0.28	2.42	-0.80	0.94	2.63	-0.55	1.75
AANL9U	2.83	1.74	0.27	2.12	1.09	0.41	2.77	0.72	0.57	2.82	0.17	0.50
AGLF3M	2.58	0.44	0.35	2.22	1.60	0.54	2.98	1.66	0.64	3.10	1.23	0.47
AGRHYM	2.50	0.03	0.20	1.96	0.28	0.11	2.60	0.00	0.35	2.78	0.00	0.16
BFNJV4	2.64	0.73	0.40	2.10	0.97	0.47	2.92	1.41	0.55	3.15	1.41	0.31
CH8YY6	2.21	-1.44	0.09	1.71	-0.99	0.25	2.25	-1.56	0.28	2.46	-1.20	1.01
CLUB7M	2.38	-0.56	0.06	1.42	-2.42	0.11	1.42	-5.25X	0.32	2.48	-1.12	0.82
DNVYW W	2.82	1.69	1.04	2.40	2.48	0.69	2.95	1.52	0.28	3.25	1.81	0.77
DTN69D	2.76	1.35	0.35	2.13	1.15	0.42	2.85	1.10	0.22	3.08	1.14	0.19
E39QVM	2.52	0.15	0.36	1.91	0.02	1.48	2.59	-0.08	0.74	2.57	-0.80	2.62
FNQ3J4	2.30	-0.99	1.45	1.85	-0.28	0.56	2.47	-0.58	1.02	2.66	-0.44	1.07
GWF4JE	2.20	-1.50	0.98	1.67	-1.18	1.74	2.20	-1.79	0.91	2.40	-1.43	1.02
HQKZK8	2.39	-0.52	0.38	1.83	-0.36	0.51	2.47	-0.61	0.59	2.75	-0.10	0.63
J3VQ6U	2.61	0.62	0.12	1.87	-0.17	0.06	2.69	0.37	0.07	2.86	0.31	0.15
JU2LBT	2.64	0.73	0.54	2.08	0.87	0.43	2.75	0.64	0.14	2.86	0.30	0.16
K2GNP9	2.49	0.00	0.23	1.91	0.05	0.24	2.59	-0.06	0.57	2.80	0.08	0.12
K3RK26	2.67	0.92	0.27	2.08	0.90	0.26	2.74	0.61	0.26	2.99	0.81	0.14



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KACN98	3.14	3.31 X	0.71	2.25	1.72	0.02	3.04	1.93	0.26	3.28	1.90	0.46
KNRVYD	2.62	0.64	3.09	1.96	0.27	2.12	2.69	0.37	2.80	2.72	-0.21	1.17
KPNXDH	2.41	-0.44	2.02	1.78	-0.62	1.31	2.60	0.00	2.13	2.75	-0.11	3.21
KRVFBD	2.37	-0.65	1.67	1.89	-0.08	2.23	2.56	-0.18	1.80	2.81	0.14	0.65
KTKQ37	2.33	-0.82	2.04	1.87	-0.18	0.66	2.57	-0.16	0.53	2.77	-0.04	0.59
LN88KP	2.44	-0.26	1.83	1.98	0.38	2.90	2.54	-0.28	2.33	3.00	0.86	2.86
M74BGJ	2.59	0.48	0.06	2.03	0.63	0.11	2.74	0.62	0.14	2.90	0.47	0.10
MD4CZY	2.49	0.00	0.15	1.86	-0.22	0.30	2.53	-0.34	0.14	2.68	-0.36	0.46
MEXFBK	2.45	-0.22	1.54	1.96	0.30	2.53	2.63	0.13	2.10	2.75	-0.09	2.15
NDD2DV	2.47	-0.12	0.60	1.97	0.33	1.08	2.57	-0.13	1.74	2.74	-0.15	0.87
QNUCY7	2.39	-0.51	0.41	1.73	-0.87	0.30	2.76	0.71	0.50	2.60	-0.67	0.47
QPLJ8A	2.27	-1.14	0.17	1.75	-0.77	0.57	2.35	-1.12	0.64	2.51	-1.02	0.47
QT4KAA	2.30	-1.02	1.15	1.78	-0.60	0.29	2.36	-1.07	0.42	2.46	-1.20	0.42
R9TAHB	2.26	-1.18	0.11	1.70	-1.03	0.24	2.33	-1.20	0.11	2.46	-1.22	0.16
RZY6MN	2.50	0.03	0.17	1.83	-0.37	0.57	2.70	0.41	0.50	2.76	-0.06	0.35
TG32G8	2.84	1.79	0.30	2.17	1.35	0.46	2.94	1.48	0.14	3.15	1.42	0.37
UPDHWK	2.44	-0.27	0.20	1.91	0.03	0.11	2.58	-0.09	0.11	2.78	0.00	0.16
VBC4AV	2.50	0.05	0.40	1.74	-0.82	1.89	2.61	0.01	0.61	2.87	0.36	0.27
VE9P4J	2.86	1.88	0.30	1.89	-0.07	0.10	2.79	0.82	0.22	2.99	0.83	0.37
VTVZRB	2.53	0.20	0.00	1.93	0.14	0.00	2.63	0.14	0.00	2.87	0.35	0.00
XWE9J7	2.56	0.34	0.14	2.00	0.51	0.21	2.71	0.46	0.43	3.00	0.84	0.46
Y2TYT8	2.67	0.89	1.13	2.07	0.82	0.66	2.87	1.17	1.39	3.00	0.85	1.02



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB2301	SRB2302	SRB2303	SRB2304
Grand Median	2.49	1.90	2.60	2.78
Median Abs Dev	0.12	0.11	0.13	0.12
Avg Within Lab SD	0.10	0.09	0.11	0.10
Labs Included	46	47	45	47
Labs Reporting	47	47	47	47



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	3.39	0.85	2.03	4.65	0.25	2.10	1.27	0.41	1.69	1.69	0.33	0.50
3GNUBF	3.41	0.93	2.03	4.81	0.64	0.91	1.40	1.57	2.84	1.66	0.05	1.04
42VHH6	3.03	-0.53	1.45	4.43	-0.25	0.86	1.23	0.07	0.73	1.68	0.18	0.70
6GNCLJ	2.73	-1.71	0.14	3.75	-1.88	1.50	0.95	-2.56	0.05	1.45	-1.63	1.31
6PTJ2J	3.29	0.47	2.10	5.03	1.16	0.96	1.27	0.38	0.27	1.70	0.38	0.69
6WH2J2	2.99	-0.69	0.37	4.44	-0.24	0.08	1.14	-0.80	0.05	1.56	-0.74	0.17
89JGEV	3.26	0.36	0.35	4.77	0.55	0.13	1.24	0.15	0.06	1.68	0.25	0.67
8LNCXW	3.12	-0.21	0.11	4.51	-0.08	0.26	1.15	-0.72	0.25	1.58	-0.61	0.18
8YX9ZY	3.11	-0.25	0.31	4.59	0.12	0.39	1.11	-1.08	0.48	1.55	-0.81	0.23
AANL9U	3.12	-0.19	0.46	4.43	-0.27	0.55	1.15	-0.66	0.19	1.57	-0.70	0.42
AGLF3M	3.07	-0.40	0.58	4.84	0.70	0.49	1.25	0.26	0.52	1.69	0.32	0.79
AGRHYM	3.02	-0.58	0.12	4.38	-0.37	0.49	1.21	-0.17	0.37	1.63	-0.21	0.29
BFNJV4	3.38	0.82	0.29	5.38	1.99	0.30	1.36	1.21	0.47	1.85	1.54	0.13
CH8YY6	3.22	0.19	0.22	4.52	-0.05	0.09	1.21	-0.14	0.13	1.65	0.00	0.31
CLUB7M	2.97	-0.78	0.07	3.21	-3.15X	0.15	0.71	-4.78X	0.25	1.49	-1.33	0.48
DNVYW W	3.31	0.53	1.13	4.82	0.66	0.25	1.31	0.78	0.32	1.85	1.54	0.18
DTN69D	3.42	0.95	0.31	4.95	0.96	0.12	1.29	0.60	0.17	1.75	0.77	0.19
E39QVM	3.17	0.00	0.14	4.38	-0.38	1.65	1.22	-0.07	0.77	1.53	-0.97	1.71
FNQ3J4	3.09	-0.31	1.65	4.54	0.00	1.04	1.22	-0.08	0.98	1.66	0.08	1.05
GWF4JE	2.90	-1.06	0.79	4.41	-0.31	0.72	1.16	-0.63	0.57	1.58	-0.59	0.23
HQKZK8	3.01	-0.62	0.51	4.25	-0.68	0.17	1.13	-0.85	0.97	1.55	-0.84	0.31
J3VQ6U	3.77	2.32	0.12	5.37	1.97	0.14	1.47	2.26	0.22	2.02	2.95X	0.12
JU2LBT	3.13	-0.17	0.23	4.57	0.07	0.15	1.30	0.66	0.65	1.68	0.18	0.18
K2GNP9	3.26	0.33	0.36	4.74	0.47	0.48	1.21	-0.17	0.34	1.67	0.16	0.24
K3RK26	3.33	0.61	0.21	4.88	0.81	0.21	1.23	0.06	0.33	1.68	0.18	0.15



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KACN98	3.99	3.16X	0.63	5.39	2.00	0.04	1.43	1.91	0.20	1.95	2.34	0.28	
KNRVYD	2.91	-0.99	2.70	4.23	-0.73	2.81	1.16	-0.62	2.10	1.44	-1.68	1.14	
KPNXDH	3.14	-0.12	1.99	4.46	-0.19	1.61	1.22	-0.05	2.19	1.64	-0.13	2.55	
KRVFBD	2.97	-0.76	1.34	4.01	-1.25	1.38	1.18	-0.39	1.46	1.64	-0.13	0.82	
KTKQ37	2.93	-0.92	2.20	4.47	-0.17	1.32	1.13	-0.85	0.94	1.57	-0.69	0.67	
LN88KP	3.29	0.46	1.09	4.44	-0.24	1.81	1.18	-0.39	1.70	1.73	0.61	1.80	
M74BGJ	3.31	0.52	0.22	4.85	0.73	0.06	1.27	0.44	0.09	1.71	0.48	0.07	
MD4CZY	3.20	0.10	0.18	4.44	-0.24	0.21	1.26	0.32	0.16	1.68	0.24	0.18	
MEXFBK	3.32	0.57	1.23	5.00	1.09	2.93	1.30	0.69	1.71	1.69	0.26	1.17	
NDD2DV	3.22	0.17	1.01	4.90	0.85	1.04	1.27	0.44	2.60	1.68	0.18	1.01	
QNUCY7	2.99	-0.70	0.36	4.20	-0.81	0.37	1.25	0.26	0.75	1.51	-1.17	0.60	
QPLJ8A	2.90	-1.05	0.07	4.19	-0.82	0.41	1.18	-0.42	0.71	1.53	-1.01	0.35	
QT4KAA	2.86	-1.18	0.86	4.33	-0.49	0.25	1.12	-0.95	0.74	1.51	-1.14	0.45	
R9TAHB	2.97	-0.76	0.15	4.30	-0.58	0.57	1.08	-1.37	0.25	1.43	-1.78	0.20	
RZY6MN	3.12	-0.19	0.23	4.46	-0.20	0.41	1.16	-0.60	0.16	1.58	-0.59	0.35	
TBXZM6	4.14	3.74X	0.70	2.85	-4.02X	0.17	1.46	2.12	0.68	1.05	-4.85X	0.15	
TG32G8	3.63	1.78	0.65	5.31	1.83	0.95	1.31	0.78	0.00	1.59	-0.48	4.16	
VBC4AV	3.38	0.79	0.30	4.68	0.34	0.23	1.26	0.29	0.19	1.74	0.69	0.20	
VE9P4J	3.54	1.41	0.28	4.46	-0.20	0.09	1.16	-0.63	0.12	1.59	-0.50	0.27	
VTVZRB	3.25	0.32	0.00	4.84	0.71	0.00	1.18	-0.44	0.00	1.65	-0.03	0.00	
XWE9J7	3.45	1.07	0.16	5.12	1.37	0.21	1.23	0.05	0.40	1.76	0.88	0.27	
Y2TYT8	3.33	0.62	0.83	4.80	0.62	0.99	1.30	0.69	1.62	1.77	0.90	1.34	



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Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

	SRB2301	SRB2302	SRB2303	SRB2304
Grand Median	3.17	4.54	1.23	1.65
Median Abs Dev	0.16	0.24	0.07	0.07
Avg Within Lab SD	0.14	0.17	0.06	0.09
Labs Included	45	45	46	45
Labs Reporting	47	47	47	47



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	0.68	1.71	2.06	1.19	0.64	2.14	0.32	1.15	2.08	0.36	1.22	0.82
3GNUBF	0.72	2.60	3.49	1.24	1.10	1.56	0.32	0.89	2.92	0.38	2.23	4.85
42VHH6	0.56	-0.77	2.10	1.01	-1.00	1.08	0.28	-0.76	0.69	0.32	-0.13	0.34
6GNCLJ	0.59	-0.27	0.76	0.95	-1.56	1.25	0.28	-0.80	0.07	0.32	-0.35	1.07
6PTJ2J	0.62	0.53	1.45	1.20	0.69	1.09	0.32	1.18	0.47	0.36	1.31	0.77
6WH2J2	0.54	-1.17	1.25	1.07	-0.42	0.13	0.26	-1.49	0.07	0.28	-1.66	0.06
89JGEV	0.60	-0.01	0.54	1.12	-0.03	0.76	0.30	0.18	1.03	0.33	0.09	0.59
8LNCXW	0.57	-0.56	0.23	1.05	-0.67	0.13	0.27	-1.11	0.31	0.31	-0.64	0.19
8YX9ZY	0.56	-0.75	0.30	1.05	-0.61	0.44	0.27	-1.17	0.45	0.31	-0.72	0.21
AANL9U	0.67	1.53	0.28	1.26	1.26	0.50	0.31	0.44	0.09	0.35	0.98	0.50
AGLF3M	0.61	0.14	0.19	1.20	0.72	0.00	0.30	0.31	0.40	0.34	0.65	0.34
AGRHYM	0.59	-0.18	0.15	1.08	-0.36	0.43	0.31	0.48	0.38	0.34	0.48	0.41
BFNJV4	0.65	0.98	0.19	1.26	1.30	0.66	0.31	0.77	0.40	0.35	0.90	0.00
CH8YY6	0.56	-0.94	0.13	1.07	-0.43	0.21	0.28	-0.58	0.05	0.32	-0.20	0.03
CLUB7M	0.60	0.00	0.32	0.84	-2.54	0.38	0.17	-5.64X	0.40	0.30	-0.91	0.34
DNVYW W	0.61	0.28	0.49	1.15	0.24	0.66	0.31	0.46	0.40	0.36	1.16	0.34
DTN69D	0.63	0.60	0.14	1.18	0.58	0.12	0.30	0.13	0.18	0.34	0.53	0.11
E39QVM	0.62	0.41	0.02	1.13	0.08	1.74	0.30	-0.01	0.95	0.31	-0.78	1.77
FNQ3J4	0.60	0.00	1.48	1.15	0.24	1.11	0.31	0.46	1.05	0.34	0.52	1.01
GWF4JE	0.56	-0.92	0.49	1.02	-0.94	0.66	0.28	-0.76	0.69	0.31	-0.65	0.58
HQKZK8	0.60	0.00	0.34	1.10	-0.17	0.86	0.30	0.04	0.79	0.33	0.17	0.17
J3VQ6U	0.72	2.54	0.09	1.42	2.68	0.10	0.34	2.11	0.15	0.38	2.21	0.07
JU2LBT	0.58	-0.35	0.19	1.07	-0.46	0.22	0.31	0.77	0.79	0.34	0.52	0.58
K2GNP9	0.60	0.07	0.37	1.15	0.24	0.50	0.28	-0.60	0.40	0.33	0.00	0.34
K3RK26	0.61	0.20	0.16	1.14	0.21	0.24	0.30	0.02	0.34	0.33	0.15	0.19



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Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KACN98	0.75	3.18	0.35	1.31	1.76	0.20	0.35	2.44	0.08	0.39	2.57	0.15
KNRVYD	0.61	0.29	2.23	1.11	-0.05	2.10	0.29	-0.22	2.35	0.30	-1.03	1.39
KPNXDH	0.61	0.14	1.59	1.09	-0.27	1.21	0.30	0.31	2.10	0.33	0.26	2.35
KRVFBD	0.57	-0.56	1.14	1.06	-0.55	1.72	0.28	-0.60	2.78	0.34	0.65	1.21
KTKQ37	0.57	-0.56	1.66	1.10	-0.18	2.17	0.29	-0.45	0.40	0.32	-0.13	0.67
LN88KP	0.61	0.21	1.62	1.12	0.03	1.75	0.28	-0.76	1.37	0.32	-0.26	1.16
M74BGJ	0.61	0.28	0.19	1.23	1.00	0.22	0.30	0.01	0.40	0.33	0.00	0.34
MD4CZY	0.60	-0.07	0.49	1.07	-0.46	0.38	0.30	0.31	0.40	0.33	0.13	0.00
MEXFBK	0.59	-0.21	0.97	1.16	0.33	2.62	0.30	0.01	1.73	0.32	-0.13	1.21
NDD2DV	0.59	-0.26	0.10	1.18	0.51	0.45	0.30	-0.04	0.73	0.33	0.18	0.63
QNUCY7	0.58	-0.49	0.75	1.03	-0.82	0.57	0.31	0.62	0.69	0.31	-0.52	0.67
QPLJ8A	0.52	-1.69	0.00	0.97	-1.36	0.38	0.26	-1.83	0.40	0.28	-1.69	0.34
QT4KAA	0.58	-0.53	0.61	1.07	-0.42	0.20	0.29	-0.39	0.59	0.32	-0.25	0.29
R9TAHB	0.57	-0.56	0.19	1.06	-0.58	0.33	0.27	-1.22	0.00	0.31	-0.78	0.34
RZY6MN	0.60	0.04	0.11	1.11	-0.12	0.55	0.29	-0.28	0.22	0.32	-0.16	0.20
TBXZM6	0.99	8.32X	0.79	0.53	-5.37X	0.23	0.29	-0.35	0.54	0.25	-2.85X	0.23
TG32G8	0.67	1.47	0.35	1.24	1.09	0.57	0.32	1.15	0.04	0.36	1.28	0.15
VBC4AV	0.57	-0.56	0.19	1.05	-0.67	0.25	0.28	-0.60	0.40	0.32	-0.26	0.00
VE9P4J	0.67	1.40	0.40	1.14	0.22	0.28	0.29	-0.18	0.46	0.32	-0.13	0.15
VTVZRB	0.61	0.29	0.00	1.17	0.42	0.00	0.29	-0.39	0.00	0.33	-0.03	0.00
XWE9J7	0.60	-0.06	0.08	1.12	0.03	0.25	0.28	-0.82	0.34	0.33	0.00	0.27
Y2TYT8	0.63	0.63	0.56	1.23	1.03	1.25	0.33	1.38	1.05	0.36	1.42	0.34



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Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent
	SRB2301	SRB2302	SRB2303	SRB2304	
Grand Median	0.60	1.12	0.30	0.33	
Median Abs Dev	0.02	0.06	0.01	0.01	
Avg Within Lab SD	0.03	0.05	0.01	0.02	
Labs Included	46	46	46	46	
Labs Reporting	47	47	47	47	



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	1.93	0.87	1.91	2.00	0.96	1.11	0.41	1.25	1.36	0.27	1.27	1.20
3GNUBF	2.13	1.91	2.19	1.84	0.06	0.79	0.49	4.17X	4.12	0.32	4.11X	8.66
42VHH6	1.54	-1.22	0.18	1.75	-0.38	1.60	0.38	0.00	1.35	0.28	1.90	3.04
66DYDV	1.75	-0.13	0.54	1.78	-0.22	0.27	0.38	0.13	0.93	0.26	0.42	0.43
6GNCLJ	1.84	0.38	0.77	1.77	-0.30	1.60	0.35	-0.87	0.27	0.24	-0.44	0.98
6PTJ2J	1.77	0.00	1.17	1.93	0.58	0.42	0.38	0.19	0.31	0.25	-0.11	0.80
6WH2J2	1.76	-0.04	0.29	1.77	-0.30	0.21	0.36	-0.73	0.14	0.23	-0.90	0.12
89JGEV	1.87	0.50	0.66	1.89	0.37	0.62	0.37	-0.15	1.01	0.24	-0.26	1.45
8LNCXW	1.90	0.67	0.18	1.88	0.28	0.41	0.38	-0.05	0.35	0.25	0.00	0.30
8YX9ZY	1.77	0.00	0.40	1.82	0.00	0.70	0.36	-0.68	0.51	0.24	-0.57	0.27
AANL9U	2.01	1.27	0.18	2.05	1.23	0.61	0.37	-0.19	0.42	0.25	0.22	0.25
AGLF3M	1.95	0.97	0.25	2.09	1.45	0.71	0.41	1.28	0.00	0.26	0.61	0.75
AGRHYM	1.74	-0.18	0.07	1.76	-0.34	0.34	0.39	0.34	0.22	0.25	0.04	0.16
BFNJV4	1.72	-0.26	0.25	1.78	-0.24	0.26	0.36	-0.51	0.31	0.24	-0.50	0.00
CLUB7M	1.64	-0.72	0.54	1.30	-2.82	0.13	0.20	-6.90X	0.31	0.22	-1.60	0.00
DNVYW W	1.66	-0.61	0.48	1.69	-0.72	0.34	0.35	-1.02	0.54	0.24	-0.68	0.43
DTN69D	2.01	1.27	0.10	2.02	1.07	0.09	0.41	1.14	0.15	0.26	0.66	0.13
E39QVM	1.77	0.01	0.40	1.74	-0.43	1.43	0.39	0.32	0.81	0.23	-0.92	1.80
FNQ3J4	1.75	-0.11	1.56	1.85	0.16	1.53	0.40	1.02	1.89	0.26	0.61	1.30
GWF4JE	1.63	-0.77	0.60	1.66	-0.88	0.71	0.36	-0.51	0.82	0.23	-1.05	0.75
HQKZK8	2.86	5.81X	11.63	2.84	5.44X	11.81	0.63	9.83X	12.71	0.40	8.31X	10.56
J3VQ6U	2.01	1.25	0.18	1.93	0.59	0.31	0.36	-0.49	0.12	0.26	0.41	0.04
JU2LBT	1.50	-1.43	0.18	1.50	-1.73	0.37	0.39	0.51	1.07	0.26	0.42	0.43
K2GNP9	1.98	1.13	0.45	2.01	0.98	0.71	0.40	0.77	0.31	0.26	0.79	0.43
K3RK26	1.78	0.07	0.19	1.84	0.08	0.16	0.38	0.14	0.34	0.25	-0.05	0.20



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KACN98	2.18	2.19	0.96	2.06	1.28	0.48	0.42	1.82	0.37	0.28	1.76	0.51
KNRVYD	1.75	-0.09	2.20	1.83	0.01	2.33	0.41	1.39	2.79	0.25	0.11	1.01
KPNXDH	1.74	-0.15	1.86	1.68	-0.76	1.55	0.37	-0.26	1.94	0.23	-1.24	2.30
KRVFBD	1.52	-1.34	1.41	1.49	-1.81	1.28	0.35	-1.15	1.89	0.25	-0.13	0.87
KTKQ37	1.57	-1.09	1.83	1.63	-1.03	0.74	0.34	-1.41	0.54	0.23	-1.05	0.75
LN88KP	0.98	-4.23X	0.60	1.01	-4.40X	1.16	0.43	2.17	1.89	0.27	1.35	1.90
M74BGJ	1.99	1.17	0.12	1.94	0.61	0.27	0.40	0.77	0.31	0.25	0.06	
MD4CZY	1.70	-0.36	0.37	1.72	-0.54	0.27	0.36	-0.64	0.00	0.24	-0.50	0.00
MEXFBK	1.89	0.62	1.36	1.98	0.86	3.01	0.36	-0.64	1.61	0.22	-1.60	1.99
NDD2DV	1.71	-0.34	1.54	1.85	0.16	1.00	0.37	-0.38	1.37	0.24	-0.31	1.37
QNUCY7	1.65	-0.63	0.97	1.53	-1.60	0.58	0.40	0.77	0.82	0.22	-1.79	0.87
QPLJ8A	1.67	-0.56	0.37	1.71	-0.60	0.52	0.35	-0.89	0.62	0.23	-1.05	0.00
QT4KAA	1.67	-0.55	0.77	1.76	-0.37	0.31	0.37	-0.19	0.46	0.25	0.06	0.30
R9TAHB	3.22	7.76X	0.57	3.23	7.58X	0.27	0.52	5.37X	1.35	0.28	1.53	0.43
TBXZM6	1.72	-0.26	2.43	1.73	-0.48	1.77	0.19	-7.09X	2.64	0.39	7.70X	5.47
TG32G8	1.96	1.01	0.41	1.98	0.86	0.37	0.40	0.89	0.00	0.26	0.42	0.43
VBC4AV	1.80	0.17	0.38	1.80	-0.11	0.98	0.38	0.00	0.31	0.26	0.61	0.75
VE9P4J	1.94	0.90	0.52	1.71	-0.59	0.25	0.38	0.03	0.33	0.24	-0.35	0.12
VTVZRB	1.82	0.25	0.00	1.85	0.12	0.00	0.38	0.28	0.00	0.25	0.06	
XWE9J7	1.96	1.02	0.07	1.98	0.83	0.46	0.36	-0.65	0.42	0.25	-0.16	0.33
Y2TYT8	1.87	0.51	0.69	1.87	0.23	1.48	0.40	1.02	1.64	0.26	0.42	0.43



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

	SRB2301	SRB2302	SRB2303	SRB2304
Grand Median	1.77	1.82	0.38	0.25
Median Abs Dev	0.11	0.11	0.02	0.01
Avg Within Lab SD	0.08	0.08	0.02	0.01
Labs Included	43	43	41	43
Labs Reporting	46	46	46	46



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
42VHH6	1.45	-0.23	2.09	0.20	0.92	2.72	0.71	-0.75	0.28	0.04	3.71	3.15	
6PTJ2J	1.51	0.19	1.35	0.21	1.00	0.91	0.80	0.45	0.41	0.02	1.38	1.23	
6WH2J2	1.47	-0.13	0.33	0.18	-0.06	0.11	0.72	-0.63	0.09	0.01	-0.41	0.12	
89JGEV	1.24	-1.69	0.03	0.16	-0.82	1.59	0.63	-1.79	0.15	0.01	-0.49	0.04	
8LNCXW	1.55	0.45	0.61	0.18	0.00	0.27	0.77	0.03	0.23	0.01	-0.35	0.04	
8YX9ZY	1.41	-0.51	0.24	0.17	-0.67	0.29	0.70	-0.92	0.38	0.01	-0.31	0.09	
AANL9U	1.99	3.47X	0.47	0.30	5.15X	0.33	1.04	3.73X	0.66	0.04	3.20	0.12	
AGLF3M	1.55	0.42	0.08	0.19	0.50	0.63	0.81	0.62	0.49	0.01	0.00	0.00	
AGRHYM	1.47	-0.12	0.16	0.19	0.17	0.06	0.74	-0.30	0.35				
BFNJV4	1.71	1.54	0.14	0.20	0.92	0.63	0.89	1.72	0.49	0.01	0.00	0.00	
CH8YY6	1.39	-0.67	0.20	0.18	0.01	0.49	0.74	-0.39	0.09	0.06	5.38	4.26	
CLUB7M	1.43	-0.34	0.07	0.13	-2.07	0.22	0.39	-5.21X	0.47	0.01	-0.33	0.00	
DNVYW W	1.70	1.45	0.21	0.21	1.06	1.25	0.84	1.03	0.49	0.02	0.74	1.19	
DTN69D	1.64	1.06	0.31	0.19	0.54	0.21	0.81	0.65	0.18	0.01	-0.36	0.04	
E39QVM	1.45	-0.25	0.46	0.17	-0.43	1.56	0.74	-0.35	0.72	0.01	-0.37	0.46	
FNQ3J4	1.45	-0.21	1.19	0.18	-0.06	0.00	0.74	-0.34	0.57	0.01	0.37	1.19	
GWF4JE	1.36	-0.87	0.56	0.17	-0.42	0.27	0.69	-1.03	0.57	0.02	1.19	0.31	
HQKZK8	1.46	-0.13	0.41	0.19	0.17	0.26	0.72	-0.66	0.45	0.02	0.86	0.76	
J3VQ6U	1.54	0.36	0.06	0.18	-0.01	0.08	0.76	0.00	0.10	0.01	-0.24	0.04	
K3RK26	1.75	1.84	0.20	0.23	1.91	0.27	0.88	1.61	0.08	0.01	-0.49	0.13	
KACN98	1.86	2.53	0.85	0.21	1.02	0.05	0.86	1.30	0.25	0.01	-0.28	0.00	
KNRVYD	1.51	0.18	2.50	0.18	-0.03	1.94	0.75	-0.20	2.57	0.01	0.37	1.02	
KPNXDH	1.53	0.31	1.45	0.18	-0.20	1.25	0.78	0.26	1.85	0.01	0.00	0.00	
KRVFBD	1.30	-1.28	0.92	0.17	-0.38	1.16	0.68	-1.16	0.90	0.01	0.41	0.52	
M74BGJ	1.63	0.99	0.24	0.20	0.78	0.00	0.83	0.90	0.28	0.01	0.00	0.00	



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Na (SubTestCode 217) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
MEXFBK	1.42	-0.46	1.05	0.19	0.50	2.25	0.76	-0.06	1.78	0.01	0.00	0.00		
NDD2DV	1.53	0.29	3.50	0.20	0.84	2.24	0.83	0.93	3.78	0.01	-0.37	0.31		
QNUCY7	1.46	-0.17	0.70	0.17	-0.34	0.63	0.80	0.44	0.91	0.01	0.00	0.00		
QPLJ8A	1.37	-0.81	0.02	0.17	-0.35	0.22	0.69	-1.06	0.50	0.01	0.37	0.12		
QT4KAA	1.48	-0.04	0.78	0.28	3.98	1.00	0.81	0.56	0.28	0.11	10.86X	0.66		
R9TAHB	1.03	-3.08X	0.14	0.12	-2.43	0.12	0.43	-4.57X	0.09	0.01	0.25	0.07		
RZY6MN	1.58	0.67	0.21	0.18	0.00	0.66	0.79	0.41	0.34	0.01	-0.47	0.05		
TBXZM6	0.16	-9.04X	0.02	1.48	54.55X	7.48				0.72	78.61X	3.24		
TG32G8	1.74	1.73	0.62	0.21	1.01	0.62	0.85	1.10	0.13					
VBC4AV	1.37	-0.76	0.16	0.19	0.36	0.00	0.74	-0.39	0.66	0.01	0.00	0.00		
VE9P4J	1.44	-0.29	0.17	0.18	-0.01	0.29	0.76	-0.06	0.51	0.01	0.00	0.21		
VTVZRB	1.55	0.48	0.00	0.18	-0.03	0.00	0.78	0.27	0.00	0.01	-0.16	0.00		
XWE9J7	1.49	0.04	0.11	0.16	-0.74	0.07	0.74	-0.39	0.42	0.01	-0.36	0.04		
Y2TYT8	1.60	0.79	1.39	0.19	0.22	1.25	0.83	0.85	1.28	0.01	0.41	0.43		

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2301		SRB2302		SRB2304	
Grand Median	1.48		0.18		0.010	
Median Abs Dev	0.07		0.01		0.003	
Avg Within Lab SD	0.07		0.01		0.005	
Labs Included	36		37		35	
Labs Reporting	39		39		37	



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AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	3,441.9	1.08	0.58	513.7	1.21	0.54	693.7	1.45	0.20	343.5	1.30	0.49
6WH2J2	3,285.5	0.89	0.29	496.8	1.09	0.26	610.6	1.08	0.08	301.8	0.68	0.20
89JGEV	1,888.2	-0.74	0.79	231.8	-0.81	0.66	225.8	-0.65	0.60	197.3	-0.86	1.27
8LNCXW	2,476.7	-0.05	0.63	276.0	-0.49	0.21	309.0	-0.27	0.10	229.3	-0.38	0.09
8YX9ZY	3,046.8	0.61	0.24	426.5	0.58	1.39	600.2	1.03	1.10	313.5	0.85	0.39
AGLF3M	2,516.7	-0.01	1.45	387.0	0.30	0.21	370.0	0.00	0.86	282.0	0.39	1.40
BFNJV4	1,708.8	-0.95	0.15	246.7	-0.70	0.56	238.3	-0.59	0.24	206.6	-0.72	0.31
CH8YY6	2,663.2	0.16	0.08	242.6	-0.73	0.09	623.9	1.14	0.12	177.3	-1.15	0.11
DNVYW W	1,734.0	-0.92	0.03	240.0	-0.75	0.30	197.0	-0.77	0.15	200.3	-0.81	0.12
DTN69D	2,326.1	-0.23	0.69	283.8	-0.44	0.24	307.3	-0.28	0.24	257.7	0.03	0.37
E39QVM	2,685.1	0.19	0.94	353.0	0.06	2.13	446.1	0.34	0.56	234.2	-0.31	2.62
FNQ3J4	1,586.7	-1.10	0.80	244.0	-0.72	0.74	232.7	-0.62	1.13	198.0	-0.85	1.42
J3VQ6U	2,528.4	0.01	0.69	372.9	0.20	0.39	411.0	0.18	0.33	255.5	0.00	0.77
K3RK26	3,176.0	0.77	0.26	434.6	0.64	0.28	494.8	0.56	0.72	299.0	0.64	0.31
KNRVYD	3,335.8	0.95	3.40	503.1	1.13	3.65	642.0	1.22	3.95	323.7	1.00	2.49
KRVFBD	1,959.6	-0.66	2.06	350.2	0.04	0.48	322.0	-0.21	0.79	264.3	0.13	0.92
M74BGJ	961.3	-1.83	0.07	153.7	-1.36	0.44	253.0	-0.52	0.20	163.0	-1.36	0.21
MEXFBK	1,453.3	-1.25	0.44	171.7	-1.24	0.41	188.0	-0.82	0.33	174.0	-1.20	0.51
QPLJ8A	2,795.3	0.32	0.81	339.3	-0.04	0.47	540.0	0.76	0.39	258.3	0.04	1.02
RZY6MN	3,153.3	0.74	0.18	477.3	0.95	0.09	607.3	1.06	0.07	317.7	0.92	0.43
TBXZM6	209.8	-2.71X	0.02	1,547.3	8.59X	0.97	164.7	-0.92	0.38	215.9	-0.58	1.18
VBC4AV	1,895.3	-0.74	0.19	268.3	-0.55	0.35	242.3	-0.57	0.49	221.0	-0.51	0.16
VE9P4J	1,785.0	-0.86	0.22	225.5	-0.85	0.20	295.5	-0.33	0.16	200.1	-0.81	0.09
VTVZRB	2,589.0	0.08		355.0	0.07		431.0	0.27		262.0	0.10	
XWE9J7	3,397.5	1.03	0.18	519.7	1.25	0.37	640.5	1.21	1.51	339.5	1.24	0.37



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AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2301	SRB2302	SRB2303	SRB2304
Grand Median	2,522.6	344.8	370.0	255.5
Median Abs Dev	632.6	99.4	137.3	48.9
Avg Within Lab SD	142.8	29.5	35.7	12.9
Labs Included	24	24	25	25
Labs Reporting	25	25	25	25



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	36.1	1.25	1.61	71.1	1.26	1.19	33.3	1.28	1.11	40.2	1.00	0.94
3GNUBF	27.4	-0.18	1.42	68.1	0.85	0.77	33.3	1.26	1.80	37.8	0.50	0.69
42VHH6	21.7	-1.14	0.32	69.0	0.97	0.36	29.0	0.16	0.54	38.0	0.54	1.19
6GNCLJ	26.8	-0.29	0.32	56.6	-0.77	1.71	23.7	-1.22	0.03	34.0	-0.30	0.82
6PTJ2J	34.9	1.05	2.25	55.9	-0.87	1.15	24.7	-0.96	2.91	29.2	-1.28	1.22
6WH2J2	28.7	0.03	0.21	62.0	-0.02	0.15	24.6	-0.98	0.39	32.6	-0.59	0.27
89JGEV	27.9	-0.10	1.51	68.5	0.90	1.19	30.5	0.54	1.78	40.3	1.02	1.43
8LNCXW	26.7	-0.30	0.20	63.8	0.24	0.31	29.4	0.26	0.09	38.0	0.54	0.20
8YX9ZY	26.4	-0.35	0.39	63.8	0.24	0.50	29.2	0.21	1.03	35.4	0.00	0.40
AANL9U	10.6	-2.97X	0.58	68.2	0.85	0.68	21.4	-1.80	0.10	34.5	-0.18	0.19
AGLF3M	26.6	-0.31	0.55	70.7	1.20	0.49	30.4	0.53	0.58	38.7	0.67	0.70
AGRHYM	21.9	-1.09	1.51	59.9	-0.31	0.24	24.6	-0.98	0.65	30.0	-1.11	0.48
BFNJV4	25.2	-0.55	0.09	66.1	0.57	0.36	27.0	-0.37	0.30	35.4	0.00	0.17
CH8YY6	29.3	0.12	0.73	58.5	-0.51	0.28	43.6	3.92X	2.92	42.2	1.41	2.24
CLUB7M	30.4	0.32	0.35	48.3	-1.94	0.05	16.2	-3.16X	0.09	33.0	-0.49	0.19
DNVYW W	35.0	1.07	0.96	50.7	-1.60	0.42	26.0	-0.62		29.7	-1.19	0.23
DTN69D	29.0	0.08	0.25	71.3	1.28	0.21	29.7	0.35	0.24	39.6	0.87	0.10
E39QVM	29.8	0.20	0.25	61.0	-0.15	1.56	28.0	-0.10	0.56	33.8	-0.34	1.33
FNQ3J4	14.3	-2.35	0.64	56.3	-0.81	0.83	23.7	-1.22	0.82	34.3	-0.22	0.46
GWF4JE	13.7	-2.46	1.40	59.5	-0.36	0.78	25.5	-0.75	0.32	32.9	-0.53	0.34
J3VQ6U	28.5	0.00	0.15	60.8	-0.18	0.02	26.8	-0.40	0.03	34.0	-0.29	0.03
JU2LBT	29.0	0.08	0.12	60.2	-0.26	0.27	28.0	-0.09	0.28	35.8	0.08	0.18
K2GNP9	29.2	0.11	0.45	69.9	1.09	0.22	30.1	0.43	0.31	38.2	0.58	0.10
K3RK26	22.6	-0.98	0.00	61.0	-0.16	0.22	25.3	-0.80	0.00	33.4	-0.42	0.24
KACN98	34.2	0.95	0.05	77.1	2.11	0.13	33.3	1.26	0.05	43.9	1.75	0.07



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B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KNRVYD	19.2	-1.54	2.65	56.6	-0.77	3.69	21.3	-1.85	2.78	28.3	-1.47	3.66	
KPNXDH	36.9	1.38	2.03	62.9	0.11	1.88	31.1	0.70	1.97	37.1	0.36	2.22	
KRVFBD	31.2	0.44	1.71	62.2	0.01	1.44	29.4	0.25	1.85	43.0	1.56	1.19	
KTKQ37	23.0	-0.92	0.20	60.5	-0.22	1.04	23.3	-1.31	0.08	31.2	-0.87	0.13	
M74BGJ	28.0	-0.09		70.0	1.11		31.0	0.67		40.0	0.95		
MEXFBK	24.5	-0.66	1.10	54.2	-1.11	1.76	26.3	-0.54	0.56	32.1	-0.69	1.53	
NDD2DV	25.3	-0.53	0.58	65.9	0.54	0.85	27.2	-0.32	0.81	37.9	0.52	1.05	
QNUCY7	42.9	2.38	1.43	58.5	-0.50	0.34	33.7	1.36	1.09	30.2	-1.08	1.10	
QPLJ8A	28.0	-0.09		57.3	-0.67	0.42	25.7	-0.71	0.31	31.3	-0.84	0.46	
QT4KAA	40.3	1.95	0.74	64.9	0.39	0.20	30.7	0.61	0.23	33.7	-0.35	0.81	
R9TAHB	46.2	2.93X	0.34	100.6	5.39X	0.63	43.5	3.90X	0.35	55.4	4.14X	0.55	
RZY6MN	29.4	0.14	0.15	63.2	0.16	0.52	29.6	0.30	0.33	38.5	0.64	0.17	
TBXZM6	58.8	5.01X	0.82	23.5	-5.41X	0.23	32.8	1.14	0.28	25.2	-2.12	0.21	
TG32G8	35.0	1.08	0.53	74.4	1.73	1.00	31.6	0.82	0.06	39.7	0.88	0.20	
VBC4AV	32.0	0.58		62.0	-0.01	0.72	28.3	-0.02	0.62	35.7	0.05	0.91	
VE9P4J	28.2	-0.06	0.22	60.7	-0.19	0.28	28.5	0.03	0.96	35.6	0.04	0.12	
VTVZRB	28.9	0.06	0.00	66.1	0.56	0.00	28.4	0.00	0.00	37.3	0.39	0.00	
XWE9J7	28.0	-0.08	0.05	65.8	0.52	0.24	27.2	-0.30	0.26	36.6	0.25	0.20	
Y2TYT8	30.3	0.30	0.32	60.3	-0.25	1.16	29.0	0.16	0.54	35.3	-0.02	0.60	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2301		SRB2302		SRB2303		SRB2304	
Grand Median	28.5		62.1		28.4		35.4	
Median Abs Dev	2.1		3.9		2.3		2.6	
Avg Within Lab SD	1.8		2.8		1.9		2.5	
Labs Included	41		42		41		43	
Labs Reporting	44		44		44		44	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	38.0	1.50	3.22	19.0	1.42	1.05	29.3	0.67	2.35	51.0	0.00	1.16	
3GNUBF	36.3	1.10	1.40	20.4	2.01	2.29	32.2	1.51	2.09	53.1	0.44	0.74	
42VHH6	26.0	-1.33	0.58	16.0	0.17	1.05	25.7	-0.40	1.17	42.3	-1.84	1.34	
6GNCLJ	23.7	-1.88	0.14	12.1	-1.45	0.87	18.5	-2.50	0.12	39.6	-2.40	0.91	
6PTJ2J	61.7	7.10X	8.14	24.4	3.69X	6.86	59.2	9.39X	12.82	115.0	13.57X	16.29	
6WH2J2	28.3	-0.78	0.26	13.1	-1.04	0.29	23.8	-0.95	0.12	45.3	-1.20	0.47	
89JGEV	30.0	-0.39	0.28	14.6	-0.40	0.18	26.5	-0.16	0.08	49.9	-0.23	0.20	
8LNCXW	29.4	-0.52	0.27	14.0	-0.67	0.37	25.1	-0.58	0.59	47.4	-0.76	0.12	
8YX9ZY	32.0	0.08	0.46	15.3	-0.12	0.51	27.0	0.00	0.52	53.6	0.54	0.49	
AANL9U	28.9	-0.65	0.27	14.2	-0.58	0.95	27.0	-0.02	0.84	53.1	0.45	0.52	
AGLF3M	31.0	-0.14	0.20	16.2	0.24	0.22	27.6	0.16	0.43	53.0	0.42	0.58	
AGRHYM	32.5	0.20	0.20	15.5	-0.03	0.06	27.4	0.09	0.19	51.0	0.00	0.27	
BFNJV4	31.1	-0.13	0.07	15.2	-0.16	0.37	27.7	0.18	0.39	52.6	0.33	0.08	
CH8YY6	30.8	-0.20	0.76	14.8	-0.34	0.07	26.4	-0.19	0.15	49.8	-0.25	0.18	
CLUB7M	29.3	-0.56	0.35	11.0	-1.91	0.22	16.7	-3.01	0.16	47.2	-0.81	0.43	
DNVYW W	30.3	-0.31	0.67	14.7	-0.39	0.61	26.7	-0.11	0.44	53.3	0.49	0.92	
DTN69D	34.0	0.57	0.41	16.6	0.41	0.25	28.8	0.52	0.56	53.6	0.56	0.17	
E39QVM	29.9	-0.42	0.23	14.5	-0.45	0.99	26.6	-0.12	0.76	47.0	-0.84	1.75	
FNQ3J4	29.7	-0.46	1.34	15.7	0.03	0.61	26.3	-0.21	1.17	48.3	-0.56	0.92	
GWF4JE	39.0	1.74	2.09	16.6	0.40	1.30	30.2	0.91	0.62	48.7	-0.48	0.73	
HQKZK8	35.6	0.95	0.30	15.9	0.13	1.51	28.9	0.54	1.80	52.0	0.22	0.33	
J3VQ6U	28.7	-0.68	0.14	14.1	-0.63	0.03	26.4	-0.18	0.02	49.8	-0.25	0.22	
JU2LBT	29.0	-0.62	1.16	21.0	2.26	2.11	24.3	-0.79	0.44	45.3	-1.20	0.51	
K2GNP9	34.4	0.65	0.57	16.0	0.17	0.53	28.2	0.35	0.82	53.9	0.61	0.56	
K3RK26	33.1	0.34	0.24	16.1	0.19	0.19	27.8	0.22	0.38	52.4	0.29	0.26	



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KACN98	42.6	2.59	0.01	21.9	2.63	0.50	33.9	2.01	0.19	63.2	2.59	0.01
KNRVYD	33.5	0.43	1.28	16.4	0.33	1.04	29.5	0.73	1.55	51.3	0.06	1.65
KPNXDH	34.5	0.68	1.01	16.7	0.46	1.93	27.4	0.09	2.54	50.3	-0.16	3.49
KRVFBD	30.7	-0.23	2.52	15.5	-0.03	1.56	29.7	0.78	0.33	50.6	-0.09	2.13
KTKQ37	37.9	1.47	1.15	21.0	2.26	1.07	32.7	1.66	0.97	60.0	1.91	1.09
LN88KP	34.7	0.72	1.22	17.0	0.57	1.74	26.0	-0.30	1.81	48.1	-0.61	1.49
M74BGJ	32.7	0.24	0.33	17.7	0.86	0.61	30.3	0.96	0.44	54.7	0.78	0.25
MD4CZY	28.0	-0.86		15.0	-0.25		25.0	-0.60		43.7	-1.55	0.25
MEXFBK	34.3	0.64	2.19	17.3	0.73	2.19	29.7	0.77	1.17	53.7	0.56	2.17
NDD2DV	32.0	0.08	0.86	17.4	0.75	1.39	26.5	-0.16	1.33	51.7	0.14	1.79
QNUCY7	32.8	0.27	1.22	15.9	0.11	0.34	34.4	2.16	1.12	52.6	0.34	0.47
QPLJ8A	29.0	-0.62		14.7	-0.39	0.61	25.0	-0.60	0.77	45.7	-1.13	0.25
QT4KAA	28.8	-0.68	0.53	13.9	-0.71	0.35	24.6	-0.73	0.24	46.5	-0.95	0.33
R9TAHB	34.5	0.66	0.57	20.2	1.90	0.72	32.8	1.67	0.43	54.7	0.78	0.84
RZY6MN	31.3	-0.07	0.33	15.2	-0.18	0.34	26.7	-0.10	0.50	48.8	-0.47	0.32
TBXZM6	10.4	-5.00X	0.66	24.3	3.62X	1.28	43.1	4.67X	0.97	21.3	-6.30X	0.35
TG32G8	42.9	2.66	0.40	28.1	5.22X	0.85	32.0	1.45		57.5	1.38	0.68
VBC4AV	31.7	0.01	0.67	14.0	-0.67	1.05	26.0	-0.30	0.77	52.3	0.28	0.25
VE9P4J	31.6	0.00	0.15	15.1	-0.20	0.34	28.2	0.33	1.43	50.4	-0.13	0.36
VTVZRB	30.9	-0.17	0.00	15.0	-0.25		26.5	-0.16		50.1	-0.19	0.00
XWE9J7	35.0	0.80	0.07	17.2	0.68	0.05	28.2	0.33	0.46	54.7	0.78	0.38
Y2TYT8	30.3	-0.31	0.33	15.3	-0.11	0.61	26.7	-0.11	0.44	49.7	-0.28	0.25



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2301	SRB2302	SRB2303	SRB2304
Grand Median	31.6	15.6	27.0	51.0
Median Abs Dev	2.4	1.0	1.4	2.3
Avg Within Lab SD	1.7	0.9	1.3	2.3
Labs Included	45	44	45	45
Labs Reporting	47	47	47	47



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

Mn (SubTestCode 221) in the Wet Digestion Property Groups											Data units: mg/kg		
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	119.3	-0.36	1.79	34.7	0.29	0.93	192.3	-0.51	1.68	57.3	-0.39	1.70	
3GNUBF	136.4	1.06	0.94	29.6	-1.02	1.95	219.2	0.90	0.58	61.4	0.32	0.66	
42VHH6	97.7	-2.15	0.33	30.7	-0.74	0.93	173.3	-1.51	0.29	54.0	-0.97	1.19	
6GNCLJ	102.6	-1.74	0.48	23.9	-2.50	1.12	154.8	-2.49	0.03	46.7	-2.24	1.43	
6PTJ2J	128.6	0.42	1.78	36.5	0.77	0.04	211.8	0.51	0.58	60.7	0.19	0.17	
6WH2J2	124.6	0.08	0.19	31.8	-0.44	0.29	202.5	0.02	0.13	56.7	-0.51	0.18	
89JGEV	124.5	0.07	0.34	34.0	0.13	0.24	212.3	0.54	0.29	60.3	0.14	0.11	
8LNCXW	121.0	-0.22	0.37	32.4	-0.29	0.27	207.7	0.29	0.35	57.1	-0.43	0.27	
8YX9ZY	116.3	-0.61	0.34	31.8	-0.44	0.91	191.6	-0.55	0.68	57.0	-0.45	0.50	
AANL9U	123.6	0.00	0.21	30.9	-0.69	0.34	226.0	1.26	0.94	63.1	0.61	0.70	
AGLF3M	127.3	0.31	0.33	38.3	1.23	0.38	223.7	1.13	0.55	64.3	0.83	0.54	
AGRHYM	119.3	-0.36	0.33	33.2	-0.08	0.34	201.0	-0.06	0.14	59.8	0.04	0.25	
BFNJV4	123.9	0.02	0.30	30.8	-0.70	0.45	219.8	0.93	0.52	60.2	0.10	0.09	
CH8YY6	90.4	-2.75	0.01	27.8	-1.47	0.26	163.3	-2.04	0.09	49.0	-1.84	0.23	
CLUB7M	120.1	-0.29	0.41	25.2	-2.16	0.06	119.8	-4.33X	0.48	55.2	-0.76	0.66	
DNVYW W	114.7	-0.74	0.33	31.7	-0.48	0.35	191.7	-0.55	0.21	58.7	-0.16	0.26	
DTN69D	131.7	0.67	0.34	36.1	0.67	0.19	215.5	0.71	0.25	63.2	0.63	0.19	
E39QVM	119.9	-0.31	0.23	33.2	-0.10	1.68	204.5	0.13	0.96	57.6	-0.35	2.43	
FNQ3J4	109.7	-1.16	1.52	31.0	-0.66	0.61	187.0	-0.80	0.63	54.7	-0.86	0.69	
GWF4JE	103.7	-1.66	0.65	29.4	-1.06	0.58	175.3	-1.41	0.42	50.5	-1.59	0.27	
HQKZK8	126.5	0.24	0.82	35.0	0.38	0.82	201.1	-0.05	0.14	62.2	0.46	0.71	
J3VQ6U	156.6	2.73	0.26	42.0	2.20	0.02	256.9	2.88	0.33	75.0	2.70	0.04	
JU2LBT	120.7	-0.25	0.45	33.5	0.00	0.31	200.3	-0.09	0.08	268.3	36.47X	0.52	
K2GNP9	125.3	0.14	0.33	34.8	0.32	0.34	201.0	-0.06		59.6	0.01	0.48	
K3RK26	128.4	0.40	0.28	35.4	0.50	0.38	206.7	0.24	0.16	61.0	0.26	0.21	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KACN98	154.9	2.59	0.43	41.0	1.93	0.20	240.3	2.01	0.12	72.4	2.25	0.19
KNRVYD	125.9	0.19	3.18	33.8	0.06	2.47	202.5	0.02	3.35	54.6	-0.87	1.26
KPNXDH	125.0	0.11	1.90	33.8	0.06	1.84	209.7	0.40	2.20	59.8	0.04	3.01
KRVFBD	113.7	-0.82	0.91	34.8	0.33	3.23	198.1	-0.21	2.22	58.9	-0.12	1.34
KTKQ37	114.5	-0.76	2.91	27.0	-1.70	0.95	199.3	-0.15	0.99	53.8	-1.01	1.35
LN88KP	132.5	0.74	0.65	35.8	0.58	1.47	202.0	-0.01	1.50	61.3	0.30	1.69
M74BGJ	123.3	-0.02	0.12	34.7	0.29	0.35	219.7	0.92	0.29	62.3	0.48	0.52
MEXFBK	122.7	-0.08	1.50	35.3	0.47	2.32	209.3	0.38	2.57	58.7	-0.16	1.82
NDD2DV	124.3	0.06	0.81	38.8	1.36	1.18	209.7	0.40	0.99	62.0	0.42	1.55
QNUCY7	121.0	-0.22	1.40	31.0	-0.66	0.61	201.7	-0.02	1.05	57.0	-0.45	1.19
QPLJ8A	108.7	-1.24	0.33	29.7	-1.00	0.35	177.3	-1.30	0.65	51.0	-1.50	0.45
QT4KAA	116.0	-0.63	0.88	33.3	-0.05	0.38	193.8	-0.44	0.59	56.8	-0.49	0.59
R9TAHB	109.3	-1.19	0.22	33.1	-0.12	0.58	183.6	-0.98	0.16	52.4	-1.24	0.31
RZY6MN	125.7	0.17	0.25	34.0	0.11	0.21	199.3	-0.15	0.32	63.5	0.69	0.21
TBXZM6	28.6	-7.88X	0.19	109.7	19.72X	1.45	54.0	-7.79X	0.06	190.1	22.80X	0.13
TG32G8	136.0	1.03	0.43	38.1	1.17	0.67	221.7	1.03	0.08	66.9	1.28	0.85
VBC4AV	130.7	0.58	0.12	33.7	0.03	0.35	216.0	0.73	0.50	64.0	0.77	
VE9P4J	124.1	0.04	0.26	33.7	0.05	0.30	198.8	-0.17	0.19	60.0	0.08	0.09
VTVZRB	125.5	0.15		33.2	-0.09	0.00	213.2	0.58	0.00	59.5	-0.01	
XWE9J7	128.8	0.42	0.19	35.3	0.46	0.21	202.3	0.01	0.54	61.6	0.35	0.34
Y2TYT8	116.7	-0.58	1.23	31.7	-0.48	0.35	200.0	-0.11		57.7	-0.33	0.26



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Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2301	SRB2302	SRB2303	SRB2304	
Grand Median	123.6	33.5	202.1	59.6	
Median Abs Dev	4.8	1.9	9.8	2.6	
Avg Within Lab SD	4.7	1.6	7.3	2.2	
Labs Included	45	45	44	44	
Labs Reporting	46	46	46	46	



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	2,626.3	-0.38	1.70	384.7	0.36	1.18	749.0	-0.69	1.91	258.0	-0.28	1.62
3GNUBF	2,580.6	-0.45	1.14	172.3	-1.82	0.13	890.3	0.56	0.35	281.9	0.38	1.59
42VHH6	1,482.7	-2.28	0.61	251.7	-1.00	0.54	600.7	-1.99	0.85	239.0	-0.81	0.76
6GNCLJ	2,064.2	-1.31	0.07	270.5	-0.81	0.88	559.0	-2.36	0.03	190.6	-2.15	1.28
6PTJ2J	3,475.1	1.04	2.36	489.5	1.43	0.43	906.4	0.70	0.54	288.2	0.56	0.53
6WH2J2	3,022.3	0.28	0.24	400.3	0.52	0.23	834.9	0.07	0.41	257.3	-0.30	0.30
89JGEV	2,647.5	-0.34	0.98	350.1	0.00	0.83	794.5	-0.29	1.19	260.6	-0.21	0.68
8LNCXW	2,893.3	0.07	0.41	332.0	-0.18	0.45	803.3	-0.21	0.39	258.7	-0.26	0.28
8YX9ZY	3,056.8	0.34	1.81	440.5	0.93	0.57	941.0	1.00	0.52	289.7	0.60	0.90
AANL9U	2,234.3	-1.03	0.17	313.7	-0.37	0.35	712.4	-1.01	0.82	253.6	-0.40	0.52
AGLF3M	2,980.7	0.21	0.83	426.7	0.79	0.18	850.7	0.21	0.66	292.7	0.68	0.89
AGRHYM	2,991.0	0.23	0.08	371.7	0.22	0.41	847.7	0.18	0.21	269.3	0.03	1.15
BFNJV4	2,509.5	-0.57	0.33	282.0	-0.69	0.43	758.1	-0.61	0.44	244.0	-0.67	0.14
CH8YY6	1,710.6	-1.90	0.15	156.3	-1.98	0.22	579.1	-2.18	0.12	144.9	-3.41X	0.21
CLUB7M	2,666.7	-0.31	0.31	245.3	-1.07	0.06	441.7	-3.39X	0.37	247.7	-0.57	0.68
DNVYW W	2,408.7	-0.74	0.08	304.0	-0.47	0.21	722.0	-0.92	0.21	255.7	-0.34	0.36
DTN69D	3,034.5	0.30	0.74	257.5	-0.94	2.00	855.4	0.25	0.21	282.5	0.40	0.32
E39QVM	2,852.7	0.00	0.15	320.1	-0.30	2.08	794.9	-0.28	0.68	232.4	-0.99	3.22
FNQ3J4	2,160.0	-1.15	1.09	303.0	-0.48	0.42	691.3	-1.19	1.03	233.0	-0.97	1.08
GWF4JE	2,751.0	-0.17	0.28	367.3	0.18	0.35	793.7	-0.29	0.23	267.7	-0.01	0.31
HQKZK8	3,041.8	0.31	0.91	446.4	0.99	0.38	850.6	0.21	0.53	290.1	0.61	0.20
J3VQ6U	3,074.5	0.37	1.16	331.9	-0.18	0.19	903.7	0.68	0.79	246.3	-0.61	0.29
JU2LBT	2,846.3	-0.01	0.02	398.7	0.50	0.06	819.0	-0.07	0.12	267.0	-0.03	0.18
K2GNP9	3,216.7	0.61	0.46	423.3	0.75	1.18	874.3	0.42	0.75	284.0	0.44	0.31
K3RK26	3,321.5	0.78	0.26	440.9	0.93	0.07	912.6	0.75	0.60	299.4	0.87	0.25



ALP Program - Participant Web Summary Report - Cycle 50 - Spring 2023

Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KACN98	3,654.0	1.33	0.12	417.3	0.69	3.59	999.4	1.52	1.25	320.3	1.45	1.60
KNRVYD	3,109.3	0.43	3.05	431.1	0.83	2.23	859.2	0.28	3.03	268.6	0.01	1.20
KPNXDH	3,400.0	0.91	2.27	423.0	0.75	1.53	961.0	1.18	2.01	345.7	2.15	1.37
KRVFBD	2,375.9	-0.79	0.99	316.3	-0.34	1.23	805.4	-0.19	1.15	325.1	1.58	0.73
KTKQ37	3,270.0	0.69	0.80	335.3	-0.15	0.64	863.0	0.32	0.71	269.3	0.03	0.20
LN88KP	2,639.3	-0.36	1.00	349.8	0.00	1.14	837.2	0.09	2.35	251.9	-0.45	1.49
M74BGJ	1,357.7	-2.49	0.22	228.0	-1.25	0.08	677.0	-1.32	0.21	200.7	-1.87	0.42
MEXFBK	2,653.3	-0.33	1.67	351.3	0.02	0.72	802.0	-0.22	1.95	222.3	-1.27	1.02
NDD2DV	2,959.7	0.18	0.66	439.7	0.92	0.45	848.0	0.18	0.82	283.3	0.42	1.72
QNUCY7	2,354.7	-0.83	0.43	311.3	-0.39	0.13	737.7	-0.79	0.71	287.7	0.54	0.58
QPLJ8A	2,920.0	0.11	0.80	405.3	0.57	0.40	810.3	-0.15	0.69	256.7	-0.32	1.15
QT4KAA	3,354.7	0.84	0.67	488.8	1.42	1.19	921.3	0.83	0.51	304.4	1.01	0.43
R9TAHB	2,712.0	-0.23	0.65	317.0	-0.34	0.12	752.0	-0.66	0.40	231.6	-1.01	0.32
RZY6MN	3,356.7	0.84	0.18	471.3	1.24	0.13	917.3	0.79	0.42	276.0	0.22	1.46
TBXZM6	397.9	-4.09X	0.16	2,518.0	22.18X	1.44	259.1	-5.00X	0.25	799.7	14.72X	0.68
TG32G8	3,100.3	0.41	0.55	303.7	-0.47	1.49	852.7	0.23	0.98	284.7	0.46	1.12
VBC4AV	2,755.0	-0.16	0.12	318.7	-0.32	0.38	808.3	-0.16	0.68	282.3	0.39	0.40
VE9P4J	2,466.3	-0.64	0.07	334.0	-0.16	0.11	742.2	-0.75	0.06	243.9	-0.67	0.35
VTVZRB	3,260.0	0.68		392.0	0.43		895.0	0.60		275.0	0.19	
XWE9J7	3,581.3	1.21	0.27	468.0	1.21	0.63	937.3	0.97	1.00	316.5	1.34	0.38
Y2TYT8	1,833.3	-1.70	1.28	256.7	-0.95	0.84	673.3	-1.35	0.86	226.7	-1.15	0.51



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2301	SRB2302	SRB2303	SRB2304
Grand Median	2,852.7	349.8	827.0	268.1
Median Abs Dev	272.0	55.6	68.4	19.8
Avg Within Lab SD	118.9	24.8	29.4	11.3
Labs Included	45	45	44	44
Labs Reporting	46	46	46	46



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	12.57	-0.49	1.14	8.73	0.41	0.22	9.90	-0.18	0.23	49.30	-0.78	0.91
3GNUBF	15.01	0.94	1.23	9.52	1.01	1.94	11.53	0.49	1.07	53.43	-0.11	0.26
42VHH6	13.57	0.10	0.07	9.70	1.15	0.19	10.70	0.15	0.13	58.67	0.73	2.60
6PTJ2J	12.80	-0.35	2.24	7.62	-0.44	1.81	10.43	0.04	1.30	62.13	1.29	2.61
6WH2J2	12.63	-0.45	0.40	6.76	-1.09	0.35	8.76	-0.65	0.41	49.63	-0.73	0.29
89JGEV	12.82	-0.34	0.48	7.88	-0.24	0.33	10.12	-0.09	0.09	53.11	-0.16	1.12
8LNCXW	12.73	-0.39	0.26	7.48	-0.54	0.29	9.53	-0.33	0.14	50.47	-0.59	0.14
8YX9ZY	13.83	0.25	0.38	8.49	0.23	0.54	10.35	0.01	0.40	52.15	-0.32	0.26
AANL9U	14.18	0.45	0.74	8.11	-0.07	0.17	10.38	0.02	0.18	64.01	1.60	0.70
AGLF3M	13.40	0.00	0.25	8.20	0.00	0.41	10.00	-0.14	0.13	54.63	0.08	0.67
AGRHYM	14.30	0.52	0.38	8.40	0.16	0.58	10.47	0.06	0.62	54.13	0.00	0.67
BFNJV4	12.95	-0.26	0.18	7.67	-0.40	0.12	10.28	-0.02	0.25	56.71	0.42	0.24
CH8YY6	12.59	-0.47	0.27	7.40	-0.60	0.07	9.35	-0.41	0.04	47.00	-1.15	0.15
CLUB7M	13.73	0.19	0.14	5.90	-1.75	0.19	5.63	-1.94	0.20	52.37	-0.29	0.77
DNVYW W	14.53	0.66	1.06	10.77	1.96	0.22	10.17	-0.07	0.59	59.47	0.86	0.56
DTN69D	15.05	0.96	0.11	8.88	0.52	0.13	10.88	0.23	0.18	60.16	0.97	0.51
E39QVM	13.23	-0.10	0.28	7.97	-0.18	1.17	10.20	-0.05	0.53	54.77	0.10	0.86
FNQ3J4	10.33	-1.79	0.72	6.00	-1.68	1.94	8.67	-0.69	0.75	48.33	-0.94	0.57
GWF4JE	11.83	-0.91	0.38	8.17	-0.02	0.78	9.57	-0.32	0.66	46.60	-1.22	0.17
HQKZK8	13.51	0.06	1.56	7.78	-0.32	2.18	9.69	-0.27	2.14	55.44	0.21	1.61
J3VQ6U	12.96	-0.25	0.12	7.82	-0.29	0.09	9.80	-0.22	0.19	51.23	-0.47	0.05
JU2LBT	13.13	-0.16	0.14	8.87	0.51	0.30	9.63	-0.29	0.08	56.47	0.38	0.08
K2GNP9	13.27	-0.08	0.40	8.00	-0.15		9.80	-0.22	0.34	53.53	-0.10	0.26
K3RK26	15.88	1.45	0.21	9.68	1.13	0.36	11.81	0.61	0.14	61.49	1.19	0.23
KACN98	16.76	1.96	0.23	9.25	0.80	0.71	11.77	0.59	0.35	64.19	1.63	0.01



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Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KNRVYD	18.75	3.12	3.49	11.18	2.28	3.00	14.45	1.70	2.77	56.61	0.40	1.06	
KPNXDH	12.60	-0.47	1.31	7.21	-0.76	1.06	9.99	-0.14	0.58	52.23	-0.31	2.73	
KRVFBD	12.37	-0.60	2.04	7.69	-0.39	0.83	9.89	-0.18	0.82	53.46	-0.11	0.31	
KTKQ37	13.50	0.06	1.33	9.18	0.75	0.70	11.06	0.30	1.83	54.07	-0.01	0.54	
LN88KP	14.77	0.80	0.44	9.50	0.99	1.16	10.40	0.03	0.39	48.40	-0.93	1.45	
M74BGJ	13.00	-0.23		8.67	0.36	1.12	11.33	0.41	0.75	60.00	0.95		
MEXFBK	15.50	1.22	1.85	9.87	1.27	2.07	12.03	0.70	1.05	55.50	0.22	2.20	
NDD2DV	13.80	0.23	0.90	9.10	0.69	0.58	10.63	0.12	0.40	59.53	0.87	0.52	
QNUCY7	13.00	-0.23	1.25	7.33	-0.66	1.12	10.33	0.00	0.75	54.00	-0.02	0.98	
QPLJ8A	14.00	0.35		8.33	0.10	1.12	10.33	0.00	0.75	53.33	-0.13	1.13	
QT4KAA	13.97	0.33	0.62	8.53	0.25	0.35	10.24	-0.04	0.29	54.59	0.07	0.99	
R9TAHB	15.13	1.01	0.32	9.38	0.90	0.38	10.90	0.24	0.10	53.08	-0.17	0.36	
RZY6MN	13.50	0.06	0.33	8.06	-0.10	0.25	10.15	-0.08	0.36	52.93	-0.19	0.17	
TBXZM6	5.85	-4.40	0.89	10.67	1.88	0.60	52.36	17.37	4.16	8.06	-7.45	0.15	
TG32G8	14.73	0.78	0.29	9.17	0.74	0.81	11.10	0.32	0.13	60.60	1.05	0.80	
VBC4AV	12.00	-0.82		6.33	-1.42	1.12	10.33	0.00	0.75	54.67	0.09	0.21	
VE9P4J	13.00	-0.23	0.45	8.07	-0.10	0.42	10.80	0.19	0.69	55.73	0.26	0.17	
VTVZRB	12.90	-0.29	0.00	8.02	-0.14	0.00	9.79	-0.22	0.00	57.00	0.46		
XWE9J7	15.35	1.13	0.23	9.26	0.81	0.24	10.76	0.18	0.40	55.84	0.28	0.27	
Y2TYT8	12.67	-0.43	0.72	8.07	-0.10	0.73	10.23	-0.04	0.89	53.67	-0.08	0.57	

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2301	SRB2302	SRB2303	SRB2304		
Grand Median	13.4	8.20	10.3	54.1		
Median Abs Dev	0.7	0.68	0.5	2.3		
Avg Within Lab SD	0.8	0.52	0.8	2.7		
Labs Included	45	45	45	45		
Labs Reporting	45	45	45	45		



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Mo (SubTestCode 224) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	1.88	0.05	1.42	1.19	0.25	1.06	0.15	0.50	2.15	0.45	-0.49	1.80
42VHH6	1.33	-1.39	0.28	1.10	-0.26	0.18	0.01	-1.10	0.16	0.54	0.39	0.37
89JGEV	1.87	0.00	0.10	1.18	0.20	0.31				0.50	-0.01	0.11
8LNCXW	1.96	0.25	0.09	1.17	0.15	0.18				0.55	0.45	0.05
8YX9ZY	1.64	-0.58	0.54	1.02	-0.74	0.78	0.10	-0.05	1.81	0.43	-0.77	1.03
AGLF3M	2.11	0.62	0.40	1.40	1.49	0.23	0.10	-0.05	0.09	0.61	1.11	0.31
AGRHYM	1.42	-1.15	0.31									
BFNJV4	2.08	0.56	0.09	1.31	0.94	0.29	0.16	0.57	0.00	0.32	-1.88	0.19
DNVYW W	1.40	-1.21	0.20	1.01	-0.83	0.88	0.05	-0.66	0.00	0.35	-1.54	0.54
DTN69D	2.05	0.48	0.12	1.15	0.00	1.03	0.32	2.36	0.02	0.41	-0.92	0.64
E39QVM	1.68	-0.48	0.06	1.09	-0.32	0.43	0.15	0.41	0.67	0.50	-0.03	0.92
FNQ3J4	1.13	-1.90	1.99	0.40	-4.42X	1.15	0.10	-0.10	0.00	0.10	-4.08X	0.00
J3VQ6U	1.58	-0.75	0.20	1.05	-0.60	0.10	0.07	-0.40	0.01	0.52	0.19	0.10
K3RK26	1.90	0.09	0.21	1.29	0.84	0.39	0.11	0.00	0.47	0.59	0.86	0.53
KNRVYD	2.29	1.10	2.95	1.31	0.97	1.50	0.15	0.44	1.06	0.64	1.35	1.55
NDD2DV	1.93	0.17	0.89	1.06	-0.50	3.00	0.21	1.18	1.62	0.51	0.08	2.11
QPLJ8A	1.57	-0.77	0.65	1.00	-0.87		0.23	1.40	1.12	0.50	-0.02	2.14
QT4KAA	2.49	1.60	2.02	1.44	1.71	1.10	0.28	1.90	1.31	0.67	1.69	0.59
RZY6MN	1.94	0.19	0.15	1.26	0.67	0.61	0.11	0.00	0.07	0.58	0.76	0.26
VE9P4J	2.93	2.77X	0.87	1.97	4.84X	4.37	1.07	10.78X	2.25	1.14	6.45X	1.35
XWE9J7	1.70	-0.42	0.09	1.04	-0.61	0.13	0.05	-0.62	0.08	0.50	0.00	0.06
Y2TYT8	1.71	-0.39	0.46	1.00	-0.85	0.97	0.07	-0.40	1.63	0.48	-0.26	0.87



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Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2301	SRB2302	SRB2303	SRB2304	
Grand Median	1.87	1.15	0.11	0.50	
Median Abs Dev	0.22	0.11	0.04	0.05	
Avg Within Lab SD	0.18	0.09	0.05	0.08	
Labs Included	21	19	18	19	
Labs Reporting	22	21	19	21	



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P (SubTestCode 225) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	0.37	0.00	1.26	0.57	0.00	2.07	0.32	0.00	0.95	0.27	-0.32	1.45	
CH8YY6	0.37	-0.10	0.57	0.53	-1.21	0.31	0.31	-0.80	0.10	0.27	-0.99	0.24	
J3VQ6U	0.36	-0.47	0.55	0.58	0.50	1.18	0.31	-0.46	0.25	0.28	-0.16	0.00	
NUNMY7	0.38	0.22	0.00	0.56	-0.20	0.00	0.32	-0.18	0.00	0.28	0.00	1.45	
RE6U96	0.29	-2.69	1.26	0.63	2.05	0.41	0.38	2.83	1.90	0.31	3.21	0.00	
UDFJ3T	0.38	0.22	0.00	0.57	0.00	0.83	0.32	0.00	0.95	0.28	0.00	1.45	
XZJUDX	0.40	1.01	1.79	0.59	0.76	0.60	0.33	0.46	1.24	0.28	0.04	0.77	

P (SubTestCode 225) in the Dry Ash Property Groups												Data units: Percent	
	SRB2301			SRB2302			SRB2303			SRB2304			
Grand Median	0.37			0.57			0.32			0.28			
Median Abs Dev	0.01			0.02			0.01			0.00			
Avg Within Lab SD	0.00			0.01			0.01			0.00			
Labs Included	7			7			7			7			
Labs Reporting	7			7			7			7			



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K (SubTestCode 226) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	2.78	1.42	0.12	2.18	1.12	2.48	2.82	0.66	0.66	2.95	0.92	1.75	
CH8YY6	2.21	-0.78	0.18	1.71	-0.67	0.57	2.25	-1.93	0.59	2.46	-1.85	1.82	
J3VQ6U	2.41	0.00	0.99	1.70	-0.69	0.28	2.57	-0.49	0.20	2.72	-0.36	0.19	
NUNMY7	2.34	-0.28	0.21	1.73	-0.57	0.15	2.46	-0.98	0.33	2.68	-0.63	0.28	
RE6U96	2.24	-0.67	1.29	2.12	0.91	0.40	2.80	0.56	0.97	2.90	0.62	0.59	
UDFJ3T	2.46	0.18	0.36	1.88	0.00	0.40	2.67	0.00	0.79	2.85	0.35	0.18	
XZJUDX	2.77	1.38	2.03	2.08	0.76	0.33	2.70	0.10	2.12	2.79	0.00	0.34	

K (SubTestCode 226) in the Dry Ash Property Groups					Data units: Percent	
	SRB2301		SRB2302		SRB2303	
Grand Median	2.41		1.88		2.67	
Median Abs Dev	0.17		0.18		0.12	
Avg Within Lab SD	0.05		0.04		0.05	
Labs Included	7		7		7	
Labs Reporting	7		7		7	



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Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
66DYDV	3.36	0.42	1.01	5.05	1.21	2.02	1.34	0.81	0.87	1.76	0.40	0.57		
CH8YY6	3.22	0.00	0.83	4.52	-0.70	0.21	1.21	-1.06	0.40	1.65	-1.11	1.53		
J3VQ6U	3.25	0.10	0.56	4.58	-0.48	1.43	1.28	0.00	0.23	1.73	0.00	1.05		
NUNMY7	3.30	0.24	0.70	4.71	0.00	0.27	1.27	-0.24	0.58	1.73	0.02	0.66		
RE6U96	2.04	-3.65	1.33	5.10	1.39	0.47	1.30	0.28	1.45	1.82	1.25	1.14		
UDFJ3T	3.17	-0.16	0.46	4.54	-0.60	0.47	1.16	-1.77	0.50	1.62	-1.59	0.57		
XZJUDX	3.17	-0.16	1.58	4.80	0.34	0.56	1.32	0.57	1.83	1.71	-0.35	1.07		

Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent	
	SRB2301			SRB2302			SRB2303			SRB2304				
Grand Median	3.22			4.71			1.28			1.73				
Median Abs Dev	0.05			0.17			0.04			0.03				
Avg Within Lab SD	0.04			0.07			0.02			0.02				
Labs Included	7			7			7			7				
Labs Reporting	7			7			7			7				



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Mg (SubTestCode 228) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	0.61	0.87	1.72	1.19	0.50	1.88	0.33	1.26	1.28	0.35	0.77	2.22	
CH8YY6	0.56	-0.23	0.41	1.07	-1.76	0.79	0.28	-1.00	0.15	0.32	-0.38	0.09	
J3VQ6U	0.60	0.59	0.21	1.17	0.00	0.73	0.31	0.06	0.22	0.35	0.83	0.69	
NUNMY7	0.57	0.00	0.57	1.13	-0.75	0.47	0.29	-0.72	0.00	0.33	0.00	0.00	
RE6U96	0.46	-2.22	1.51	1.17	0.06	0.81	0.34	1.42	1.28	0.39	2.60	1.11	
UDFJ3T	0.56	-0.07	0.57	1.12	-0.81	0.47	0.30	-0.26	0.00	0.33	0.00	0.00	
XZJUDX	0.60	0.75	0.95	1.21	0.84	1.10	0.31	0.00	1.92	0.33	-0.15	0.59	

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent	
	SRB2301		SRB2302		SRB2303	
Grand Median	0.57		1.17		0.31	
Median Abs Dev	0.03		0.04		0.02	
Avg Within Lab SD	0.01		0.01		0.00	
Labs Included	7		7		7	
Labs Reporting	7		7		7	



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Na (SubTestCode 229) in the Dry Ash Property Groups												Data units: Percent		
WebCode	SRB2301			SRB2302			SRB2303			SRB2304				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
66DYDV	1.63	0.67	1.16	0.20	0.93	2.05	0.83	0.32	1.94	0.01	0.00	2.23		
CH8YY6	1.39	0.00	0.53	0.18	-0.23	0.81	0.74	-0.66	0.24	0.06	11.77X	7.97		
J3VQ6U	1.40	0.04	1.00	0.21	1.16	0.27	0.82	0.29	0.15	0.01	-1.13	0.00		
NUNMY7	1.71	0.88	0.38	0.17	-0.66	1.03	0.85	0.61	0.44					
RE6U96	1.36	-0.07	2.00	0.19	0.23	0.00	0.77	-0.29	1.33	0.02	1.74	0.00		
UDFJ3T	1.17	-0.58	0.38	0.17	-0.84	0.00	0.63	-1.86	0.44	0.01	-0.35	0.00		
XZJUDX	0.47	-2.49	0.31	0.07	-6.26X	0.07	0.23	-6.20X	0.57	0.01	0.15	0.18		

Na (SubTestCode 229) in the Dry Ash Property Groups												Data units: Percent		
	SRB2301			SRB2302			SRB2303			SRB2304				
Grand Median	1.39			0.19			0.80			0.013				
Median Abs Dev	0.22			0.01			0.04			0.001				
Avg Within Lab SD	0.03			0.01			0.01			0.003				
Labs Included	7			6			6			5				
Labs Reporting	7			7			7			6				



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AI (SubTestCode 230) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
CH8YY6	2,663.2	0.48	0.21	242.6	-0.55	0.18	623.9	-0.58	0.40	177.3	-0.74	0.11	
HQKZK8	2,386.3	-0.26	1.88	274.9	0.00	1.75	668.6	0.00	1.95	192.3	-0.32	0.57	
J3VQ6U	2,483.2	0.00	0.33	221.1	-0.91	0.42	637.1	-0.41	0.20	203.8	0.00	0.25	
NUNMY7	2,917.4	1.17	0.66	333.2	0.98	1.23	711.0	0.55	0.83	243.1	1.09	2.10	
RE6U96	1,939.0	-1.46	0.93	330.3	0.94	0.47	811.0	1.84	0.54	247.3	1.21	0.45	

AI (SubTestCode 230) in the Dry Ash Property Groups												Data units: mg/kg	
	SRB2301			SRB2302			SRB2303			SRB2304			
Grand Median	2,483.2			274.9			668.6			203.8			
Median Abs Dev	180.0			53.8			42.4			26.6			
Avg Within Lab SD	53.6			15.1			11.2			13.3			
Labs Included	5			5			5			5			
Labs Reporting	5			5			5			5			



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B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2301			SRB2302			SRB2303			SRB2304		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
66DYDV	33.7	1.04	1.52	76.3	1.19	0.21	37.7	0.69	0.52	41.3	0.00	0.71
CH8YY6	29.3	-0.14	1.73	58.5	-1.34	0.28	43.6	1.62	2.46	42.2	0.23	2.65
HQKZK8	32.7	0.78	1.47	70.4	0.34	0.85	33.3	0.00	0.78	43.0	0.44	0.77
J3VQ6U	30.6	0.21	0.27	66.8	-0.17	0.34	32.0	-0.21	0.04	40.7	-0.16	0.23
LN88KP	49.8	5.40X	1.73	73.8	0.83	2.81	39.2	0.93	1.39	45.3	1.04	0.84
NUNMY7	26.0	-1.03	0.39	61.2	-0.95	0.06	26.7	-1.03	0.13	34.0	-1.94	0.10
RE6U96	26.2	-0.98	0.27	71.6	0.52	0.28	36.2	0.45	0.18	42.0	0.18	0.18
UDFJ3T	25.9	-1.07	0.08	62.8	-0.73	0.06	28.3	-0.78	0.05	36.6	-1.25	0.05
XZJUDX	30.4	0.14	0.46	67.9	0.00	0.25	31.0	-0.36	0.25	38.2	-0.83	0.25

B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2301	SRB2302	SRB2303	SRB2304
Grand Median	29.8	67.9	33.3	41.3
Median Abs Dev	3.3	5.2	4.4	1.7
Avg Within Lab SD	0.8	2.8	2.2	2.1
Labs Included	8	9	9	9
Labs Reporting	9	9	9	9



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	29.3	0.00	0.34	17.0	0.64		30.7	0.81	0.73	56.3	0.85	1.43	
CH8YY6	30.8	0.33	0.78	14.8	-0.29	0.20	26.4	-0.29	0.25	49.8	-0.57	1.01	
J3VQ6U	22.1	-1.65	0.09	11.6	-1.62	1.22	24.2	-0.85	0.12	45.7	-1.47	0.27	
NUNMY7	32.5	0.73	2.46	15.5	0.00	0.63	29.8	0.59	2.26	53.8	0.29	1.00	
RE6U96	23.1	-1.42	0.27	16.2	0.29	0.63	34.6	1.84	0.51	57.7	1.14	1.60	
UDFJ3T	29.0	-0.07	0.07	14.5	-0.40	0.52	26.2	-0.33	0.07	50.6	-0.41	0.38	
XZJUDX	31.7	0.53	0.37	19.1	1.49	1.84	27.5	0.00	1.00	52.4	0.00	0.41	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2301		SRB2302		SRB2304	
Grand Median	29.3		15.5		52.4	
Median Abs Dev	2.3		1.0		2.6	
Avg Within Lab SD	1.7		0.3		0.4	
Labs Included	7		7		7	
Labs Reporting	7		7		7	



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Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	117.0	0.34	1.94	33.3	0.33	0.93	208.0	0.19	1.96	62.3	0.23	1.15	
CH8YY6	90.4	-1.18	0.02	27.8	-1.12	0.67	163.3	-2.65	0.15	49.0	-2.54	0.38	
J3VQ6U	113.9	0.16	0.60	32.1	0.00	1.12	212.1	0.45	0.24	62.7	0.31	0.31	
NUNMY7	111.1	0.00	0.72	31.1	-0.25	0.25	195.7	-0.59	0.35	61.1	-0.03	1.98	
RE6U96	74.1	-2.11	0.61	34.9	0.76	1.63	205.0	0.00	1.01	61.2	0.00	0.55	
UDFJ3T	111.0	0.00		31.7	-0.11	0.93	198.0	-0.45	0.22	61.0	-0.05		
XZJUDX	127.2	0.92	0.99	40.2	2.15	0.90	211.1	0.39	1.38	68.8	1.56	0.46	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2301		SRB2302		SRB2303	
Grand Median	111.1		32.1		205.0	
Median Abs Dev	5.9		1.3		7.0	
Avg Within Lab SD	1.4		0.6		4.5	
Labs Included	7		7		7	
Labs Reporting	7		7		7	



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	1,742.0	0.00	1.83	205.3	0.19	1.48	797.3	0.98	1.51	199.0	0.68	0.89	
CH8YY6	1,710.6	-0.11	0.50	156.3	-1.79	1.19	579.1	-2.04	0.26	144.9	-2.01	0.59	
J3VQ6U	1,961.0	0.77	0.80	200.5	0.00	0.44	733.1	0.09	0.17	179.7	-0.28	0.51	
NUNMY7	1,955.1	0.75	0.45	189.1	-0.46	0.30	706.1	-0.28	1.63	170.3	-0.75	0.46	
RE6U96	1,217.7	-1.85	0.98	204.0	0.14	1.21	726.3	0.00	0.76	186.3	0.05	0.57	
UDFJ3T	2,033.0	1.03	0.43	198.3	-0.09	0.33	747.7	0.30	0.74	185.3	0.00	0.87	
XZJUDX	1,680.9	-0.22	1.19	251.3	2.05	1.24	651.7	-1.03	0.92	204.5	0.95	2.08	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2301	SRB2302	SRB2303	SRB2304		
Grand Median	1,742.0	200.5	726.3	185.3		
Median Abs Dev	213.1	4.8	21.3	13.7		
Avg Within Lab SD	35.4	4.6	13.0	4.0		
Labs Included	7	7	7	7		
Labs Reporting	7	7	7	7		



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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	13.40	0.74	1.94	7.83	0.30	0.19	11.70	0.88	0.64	50.10	0.00	1.98	
CH8YY6	12.59	0.04	0.56	7.40	0.00	0.12	9.35	-0.84	0.04	47.00	-0.64	0.49	
J3VQ6U	12.55	0.00	0.17	6.80	-0.42	0.36	10.18	-0.24	0.27	54.71	0.96	0.84	
NUNMY7	11.13	-1.23	1.16	4.43	-2.07	1.01	8.90	-1.18	2.42	48.10	-0.42	0.52	
RE6U96	10.70	-1.61	1.18	9.93	1.76	1.07	12.53	1.49	0.29	55.03	1.02	0.69	
UDFJ3T	13.73	1.03	0.11	7.53	0.09	0.19	10.50	0.00	0.14	55.77	1.18	0.68	
XZJUDX	12.47	-0.06	0.35	7.29	-0.08	2.15	10.62	0.09	0.73	47.67	-0.50	0.95	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2301	SRB2302	SRB2303	SRB2304		
Grand Median	12.5	7.40	10.5	50.1		
Median Abs Dev	0.9	0.43	1.1	3.1		
Avg Within Lab SD	0.4	0.30	0.7	0.8		
Labs Included	7	7	7	7		
Labs Reporting	7	7	7	7		



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
J3VQ6U	1.32		0.71	0.47		0.36	0.08		1.00	0.44	0.01
RE6U96	1.17		1.22	1.27		1.37				0.67	1.41
Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
	SRB2301			SRB2302			SRB2303			SRB2304	
Grand Median	1.24			0.87			0.075			0.55	
Median Abs Dev											
Avg Within Lab SD	0.05			0.11			0.003			0.04	
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	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.29	0.54	0.41	0.24	0.13	0.94	0.11	0.07	0.06	0.15	0.01	0.44	
8LNCXW	0.23	-0.12	0.19	0.21	-0.39	0.16	0.09	-0.25	0.10	0.12	-0.40	0.12	
AGLF3M	0.22	-0.30	0.04	0.24	0.02	0.22	0.09	-0.17	0.08	0.15	-0.01	0.07	
BFNJV4	3.27	35.04X	2.30	3.66	51.90X	4.00	0.96	13.30X	0.95	1.61	27.54X	2.81	
K3RK26	0.50	2.93	2.14	0.04	-2.86	1.66	0.26	2.50	2.43	0.27	2.35	2.11	
RZY6MN	0.24	-0.07	0.10	0.23	-0.02	0.27	0.10	-0.07	0.06	0.14	-0.05	0.14	
XWE9J7	0.25	0.07	1.10	0.28	0.63	1.49	0.17	0.99	0.22	0.21	1.22	1.15	

As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB2301			SRB2302			SRB2303			SRB2304			
	Grand Median	0.24			0.23			0.10			0.15		
Median Abs Dev	0.02			0.02			0.01			0.01			
Avg Within Lab SD	0.04			0.02			0.04			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	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	40.9	0.78	2.39	19.6	0.09	1.47	4.7	0.85	0.91	32.4	0.21	1.44	
8LNCXW	37.7	-1.18	0.38	17.8	-1.88	0.37	4.0	-1.55	0.94	30.2	-0.78	0.25	
8YX9ZY	40.0	0.22	1.07	19.2	-0.33	0.50	4.7	0.87	1.43	31.5	-0.21	1.20	
AGLF3M	39.3	-0.22	0.34	20.8	1.41	1.34	4.7	0.81	0.57	34.2	1.03	1.97	
BFNJV4	42.1	1.48	0.13	20.2	0.72	1.07	4.1	-0.99	1.71	35.7	1.73	0.10	
DTN69D	41.0	0.81	0.34	19.7	0.20	0.83	4.4	-0.09	0.93	33.3	0.63	0.52	
K3RK26	38.8	-0.48	0.66	18.9	-0.68	0.88	4.4	-0.14	0.19	30.6	-0.59	0.27	
RZY6MN	39.3	-0.22	0.55	19.5	-0.09	1.01	4.5	0.09	0.29	31.4	-0.22	0.41	

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2301		SRB2302		SRB2303	
Grand Median	39.6		19.5		4.42	
Median Abs Dev	1.1		0.5		0.25	
Avg Within Lab SD	0.8		0.4		0.26	
Labs Included	8		8		8	
Labs Reporting	8		8		8	



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.11	0.07	1.15	0.37	0.00	0.88	0.05	0.09	0.81	0.11	0.07	1.10	
8LNCXW	0.10	-0.25	0.13	0.35	-0.57	0.03	0.05	-0.09	0.64	0.11	-0.10	0.68	
8YX9ZY	0.12	0.40	1.16	0.31	-1.64	0.08	0.04	-0.81	1.66	0.10	-0.63	1.90	
AGLF3M	0.11	-0.07	0.81	0.41	0.86	0.55	0.06	0.43	0.84	0.12	0.56	0.56	
BFNJV4	0.09	-1.13	1.35	0.39	0.41	0.00	0.03	-2.12	0.00	0.03	-3.43	0.00	
DTN69D	0.33	10.69X	0.23	0.45	1.94	2.79	0.32	27.10X	0.29	0.32	9.00X	0.00	
K3RK26	0.15	2.23	1.45	0.37	-0.07	0.00	0.06	0.53	1.79	0.11	0.12	1.36	
RZY6MN	0.10	-0.50	0.63	0.36	-0.45	0.12	0.05	-0.25	0.25	0.11	-0.07	0.22	
XWE9J7	0.12	0.74	0.59	0.38	0.13	0.37	0.06	1.08	0.45	0.12	0.41	0.72	

Cd (SubTestCode 239) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB2301		SRB2302		SRB2303		SRB2304	
Grand Median	0.11		0.37		0.051		0.11	
Median Abs Dev	0.01		0.02		0.005		0.01	
Avg Within Lab SD	0.00		0.02		0.003		0.00	
Labs Included	8		9		8		8	
Labs Reporting	9		9		9		9	



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	1.65	1.02	1.09	0.22	0.00	0.22	1.29	0.91	0.91	1.49	-0.59	0.10	
8LNCXW	1.50	-0.15	0.36	0.19	-0.65	0.11	1.21	-0.19	0.58	1.84	-0.01	0.47	
8YX9ZY	1.31	-1.73	1.23	0.28	1.55	0.32	1.16	-0.85	0.37	1.27	-0.96		
AGLF3M	1.54	0.15	0.58	0.22	0.04	0.21	1.28	0.80	0.66	1.77	-0.12	0.09	
BFNJV4	1.58	0.47	0.14	0.23	0.34	0.48	1.12	-1.45	1.14	2.42	0.96	1.91	
DTN69D	1.55	0.21	0.94	1.08	22.30X	0.03	1.30	1.14	1.45	3.24	2.32	1.93	
K3RK26	1.49	-0.27	0.31	0.22	0.07	1.37	1.27	0.69	1.17	1.85	0.01	0.34	
NDD2DV	1.65	1.00	2.16	0.17	-1.12	2.44	1.22	-0.05	1.01	1.63	-0.35	0.84	
QPLJ8A	1.33	-1.56	1.02	0.14	-2.07	0.85	0.98	-3.42X	1.52	2.02	0.29	0.27	
RZY6MN	1.50	-0.20	0.33	0.21	-0.22	0.16	1.22	0.00	1.21	2.52	1.12	0.71	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2301		SRB2302		SRB2303	
Grand Median	1.52		0.22		1.22	
Median Abs Dev	0.05		0.01		0.06	
Avg Within Lab SD	0.07		0.04		0.05	
Labs Included	10		9		9	
Labs Reporting	10		10		10	



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	5.78	0.49	1.68	1.60	0.48	0.87	3.07	0.71	0.26	2.06	-0.79	0.43	
8LNCXW	4.97	-0.72	0.56	1.16	-0.85	0.72	2.65	-0.47	0.50	1.98	-1.14	0.30	
8YX9ZY	4.98	-0.70	0.22	1.53	0.26	2.44	2.42	-1.11	2.45	1.89	-1.54	1.19	
AGLF3M	5.45	0.00	1.65	1.42	-0.08	0.19	2.82	0.00	0.47	2.26	0.13	1.73	
BFNJV4	4.64	-1.21	0.30	1.05	-1.19	0.05	2.64	-0.50	0.54	2.34	0.49	1.82	
DTN69D	5.60	0.23	1.46	1.23	-0.63	1.10	3.23	1.16	0.88	2.33	0.43	0.24	
HQKZK8	0.01	-8.12X	0.02	0.02	-4.27X	0.03	0.01	-7.94X	0.01	0.04	-9.89X	0.01	
K3RK26	6.01	0.85	0.73	2.00	1.67	0.34	3.24	1.21	0.95	2.23	0.00	0.24	
RZY6MN	5.29	-0.23	0.51	1.44	0.00	0.23	2.74	-0.22	0.65	1.90	-1.50	0.16	
XWE9J7	6.55	1.65	0.32	1.75	0.92	0.59	3.07	0.70	0.25	2.24	0.06	0.93	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2301		SRB2302		SRB2303	SRB2304
Grand Median	5.45		1.44		2.82	2.23
Median Abs Dev	0.47		0.21		0.25	0.11
Avg Within Lab SD	0.14		0.11		0.12	0.19
Labs Included	9		9		9	9
Labs Reporting	10		10		10	10



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Pb (SubTestCode 242) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	1.75	1.00	0.40	0.37	0.11	0.20	0.20	0.09	0.07	0.22	0.04	0.07	
8LNCXW	1.55	0.15	0.08	0.35	-0.02	1.03	0.13	-0.16	0.04	0.19	-0.05	0.04	
8YX9ZY	1.07	-1.97	0.69	0.21	-0.64	0.20	0.20	0.08	0.41	0.23	0.05		
AGLF3M	1.49	-0.11	0.23	0.36	0.05	0.27	0.15	-0.10	0.08	0.21	0.00	0.12	
BFNJV4	4.70	13.96X	0.43	2.87	11.43X	4.26	0.75	1.92	2.97	1.22	2.91	2.46	
DTN69D	1.55	0.11	2.32	1.08	3.32	0.04	1.06	2.98	0.02	1.06	2.47	0.02	
K3RK26	1.34	-0.80	1.38	0.10	-1.12	2.53	0.01	-0.55	0.07	0.09	-0.33	1.33	
RZY6MN	1.56	0.16	0.14	0.36	0.02	0.23	0.18	0.00	0.07	0.21	-0.01	0.10	
XWE9J7	1.27	-1.08	0.07	0.33	-0.11	0.56	0.12	-0.19	0.11	0.14	-0.21	0.39	

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2301	SRB2302	SRB2303	SRB2304	
Grand Median	1.52	0.35	0.18	0.21	
Median Abs Dev	0.11	0.02	0.05	0.02	
Avg Within Lab SD	0.15	0.03	0.09	0.05	
Labs Included	8	8	9	9	
Labs Reporting	9	9	9	9	



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Sr (SubTestCode 243) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2301			SRB2302			SRB2303			SRB2304			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	230.7	0.00	2.13	325.5	-0.09	2.00	12.5	0.78	0.85	110.0	0.33	1.36	
8LNCXW	251.3	0.97	0.67	356.0	0.70	0.73	11.1	0.00	0.24	105.7	-0.04	0.26	
8YX9ZY	209.5	-1.00	0.98	296.7	-0.84	0.24	10.8	-0.13	0.33	100.9	-0.45	1.44	
AGLF3M	242.3	0.55	1.38	383.3	1.41	0.95	13.4	1.24	0.27	122.3	1.37	1.38	
BFNJV4	254.4	1.12	0.36	370.8	1.09	0.63	13.2	1.11	0.46	127.0	1.76	0.59	
DTN69D	248.7	0.85	0.59	358.8	0.78	0.61	12.3	0.64	0.21	116.6	0.89	0.75	
K3RK26	229.2	-0.07	0.56	328.9	0.00	0.70	7.6	-1.84	2.73	106.1	0.00	0.99	
QPLJ8A	198.7	-1.50	0.22	288.0	-1.06	0.88	10.4	-0.34	0.46	93.7	-1.05	0.77	
RZY6MN	230.3	-0.02	0.52	325.0	-0.10	1.21	11.1	0.00	0.39	104.0	-0.18	0.78	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2301	SRB2302	SRB2303	SRB2304	
Grand Median	230.7	328.9	11.1	106.1	
Median Abs Dev	18.0	29.9	1.2	5.3	
Avg Within Lab SD	4.8	7.6	0.6	2.2	
Labs Included	9	9	9	9	
Labs Reporting	9	9	9	9	



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PH (SubTestCode 301)

Data units:

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FXG6Q	8.11	1.63	1.47	7.59	-0.03	2.73	7.92	0.33	1.25
2KXFNV	7.97	0.90	0.26	7.75	0.37	0.97	7.99	0.67	0.22
66DYDV	7.69	-0.56	0.34	7.45	-0.37	1.64	7.55	-1.58	0.39
6WH2J2	7.69	-0.56	0.84	7.61	0.03	0.53	7.80	-0.30	0.40
8T69HX	7.63	-0.85	0.15	7.47	-0.32	0.18	7.83	-0.13	0.34
AANL9U	7.97	0.89	0.91	7.88	0.69	0.47	7.97	0.55	0.23
AGRHYM	7.84	0.21	1.77	7.82	0.55	0.70	8.08	1.15	1.11
DNVYW W	7.80	0.02	0.00	6.70	-2.21	0.00	7.70	-0.81	0.00
DTN69D	7.79	-0.02	2.59	7.81	0.52	0.81	8.03	0.90	0.45
FNQ3J4	7.80	0.02	0.00	7.20	-0.98	0.00	7.87	0.04	0.64
HQKZK8	7.53	-1.37	0.74	6.87	-1.80	1.02	7.67	-0.98	0.64
JGYWFT	7.91	0.59	2.04	7.74	0.35	0.77	7.99	0.66	0.64
K3RK26	7.56	-1.23	0.00	7.49	-0.27	0.00	7.74	-0.61	0.00
KPNXDH	7.72	-0.42	0.39	7.63	0.08	1.56	7.86	0.03	0.67
KRVFBD	7.82	0.14	0.20	7.27	-0.80	0.27	8.15	1.49	3.76
L2TKUD	7.49	-1.58	0.83	6.99	-1.50	0.56	7.69	-0.89	0.16
M74BGJ	7.85	0.30	0.53	7.35	-0.61	0.53	7.76	-0.49	0.45
QT4KAA	8.01	1.13	0.59	8.03	1.07	1.20	7.85	-0.03	0.65
RE6U96	7.60	-1.02	0.00	7.77	0.41	1.02	7.60	-1.32	0.00
TG32G8	7.78	-0.07	0.07	7.81	0.52	0.18	7.96	0.54	0.06



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PH (SubTestCode 301)

Data units:

	SRW2301	SRW2302	SRW2303
Grand Median	7.80	7.60	7.86
Median Abs Dev	0.11	0.21	0.12
Avg Within Lab SD	0.08	0.06	0.09
Labs Included	20	20	20
Labs Reporting	20	20	20



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EC (SubTestCode 302) Data units: dS/m									
WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FXG6Q	0.56	5.38X	1.34	0.14	5.99X	10.32	0.69	-0.40	0.68
2KXFNV	0.48	0.46	0.46	0.12	1.08	2.84	0.72	0.97	0.75
66DYDV	0.47	-0.08	0.77	0.12	1.80	0.00	0.70	0.00	1.17
6WH2J2	0.45	-1.55	2.31	0.10	-1.20	2.37	0.66	-2.19	2.70
8T69HX	0.48	0.27	0.13	0.11	0.42	0.24	0.71	0.42	0.12
AANL9U	0.47	-0.35	0.18	0.11	-0.51	0.09	0.70	-0.18	0.12
DNVYW W	0.48	0.34	0.00	0.11	0.00	0.00	0.71	0.60	0.00
DTN69D	0.47	-0.11	0.00	0.11	-0.36	0.00	0.71	0.36	0.12
FNQ3J4	0.52	3.00	0.20	0.12	0.96	0.24	0.77	4.39X	0.27
HQKZK8	0.48	0.13	0.77	0.11	0.00	0.00	0.70	0.00	0.00
JGYWFT	0.47	-0.25	1.59	0.11	-0.33	0.90	0.71	0.34	1.17
K3RK26	0.48	0.08	0.13	0.11	0.00	0.00	0.69	-0.46	0.07
KPNXDH	0.48	0.34	2.31	0.10	-0.96	1.66	0.70	0.00	0.00
KRVFBD	0.47	-0.50	0.77	0.11	0.00	0.00	0.70	0.00	0.00
L2TKUD	0.47	-0.59	0.23	0.13	3.10	0.09	0.69	-0.60	0.36
M74BGJ	0.47	-0.29	1.34	0.11	0.00	0.00	0.68	-0.99	2.44
QT4KAA	0.49	1.01	0.47	0.12	1.02	0.63	0.73	1.51	0.60
RE6U96	0.50	1.39	0.77	0.11	0.00	0.00	0.73	1.59	0.68
TG32G8	0.45	-1.39	0.08	0.11	-0.42	0.47	0.67	-1.55	0.12

EC (SubTestCode 302) Data units: dS/m									
	SRW2301			SRW2302			SRW2303		
	Grand Median	0.47			0.11			0.70	
Median Abs Dev	0.01			0.00			0.01		
Avg Within Lab SD	0.01			0.00			0.01		
Labs Included	18			18			18		
Labs Reporting	19			19			19		



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Ca (SubTestCode 303) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2301			SRW2302			SRW2303			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	3.56	-0.72	0.46	0.49	-0.24	1.98	3.63	-1.01	1.04	
2KXFNV	3.65	-0.30	1.83	0.58	0.95	1.85	3.97	0.31	1.84	
66DYDV	3.47	-1.16	1.32	0.53	0.28	1.41	3.50	-1.55	1.34	
6WH2J2	3.44	-1.29	0.46	0.46	-0.70	0.00	3.70	-0.74	0.20	
8T69HX	7.55	18.59X	0.28	3.32	37.38X	3.68	1.48	-9.68X	0.34	
AANL9U	3.76	0.28	0.65	0.54	0.33	0.83	3.95	0.24	0.35	
AGRHYM	3.82	0.56	0.17	0.73	2.91	0.25	4.01	0.51	0.20	
DNVYW W	3.73	0.09	0.33	0.55	0.49	0.00	3.88	-0.05	0.77	
DTN69D	3.80	0.46	0.65	0.55	0.55	0.12	3.98	0.36	0.31	
FNQ3J4	3.90	0.93	1.14	0.50	-0.16		4.03	0.59	0.77	
HQKZK8	3.52	-0.89	0.09	0.43	-1.05	0.11	3.59	-1.21	0.17	
JGYWFT	3.71	0.00	0.73	0.54	0.37	2.11	3.87	-0.07	0.61	
K3RK26	3.71	0.00	0.06	0.50	-0.11	0.01	3.90	0.05	0.12	
KPNXDH	4.07	1.74	0.66	0.54	0.41	0.92	4.17	1.12	0.77	
KRVFBD	3.37	-1.62	1.23	0.41	-1.41	0.74	3.48	-1.65	0.47	
L2TKUD	3.43	-1.32	2.32	0.51	-0.06	0.94	3.45	-1.76	2.77	
M74BGJ	3.64	-0.33	1.25	0.49	-0.25	0.37	3.82	-0.28	0.99	
RE6U96	3.76	0.25	0.57	0.38	-1.81	0.14	3.97	0.33	0.27	
TG32G8	3.75	0.19	0.65	0.52	0.06	0.14	3.97	0.32	0.51	

Ca (SubTestCode 303) in the Cations Property Groups										Data units: mmolc/L
	SRW2301			SRW2302			SRW2303			
Grand Median	3.71			0.51			3.89			
Median Abs Dev	0.11			0.03			0.11			
Avg Within Lab SD	0.09			0.04			0.07			
Labs Included	18			18			18			
Labs Reporting	19			19			19			



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Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FXG6Q	1.15	3.11	1.24	0.33	2.94	3.84	1.59	4.74X	0.40
2KXFNV	0.89	0.15	1.31	0.17	0.49	0.69	1.23	0.65	0.42
66DYDV	0.87	-0.13	2.40	0.10	-0.63	0.00	1.07	-1.29	0.42
6WH2J2	0.79	-0.98	1.27	0.10	-0.68	0.74	1.11	-0.75	0.11
8T69HX	8.05	82.93X	0.37	1.48	20.45X	0.78	1.07	-1.28	4.18
AANL9U	0.76	-1.34	0.52				1.11	-0.84	0.11
AGRHYM	0.93	0.56	0.19	0.23	1.30	0.06	1.19	0.18	0.04
DNVYW W	0.91	0.31	0.00	0.16	0.35	0.00	1.23	0.65	0.00
DTN69D	0.85	-0.39	0.22	0.15	0.11	0.10	1.10	-0.87	0.06
FNQ3J4	0.90	0.25	0.00	0.10	-0.63	0.00	1.20	0.25	0.00
HQKZK8	0.91	0.32	0.08	0.12	-0.26	0.08	1.18	0.02	0.01
JGYWFT	0.79	-0.98	0.24	0.02	-1.81	0.28	1.08	-1.13	0.07
K3RK26	0.86	-0.19	0.04	0.14	-0.03	0.03	1.14	-0.40	0.03
KPNXDH	0.99	1.29	0.72	0.17	0.38	0.28	1.29	1.26	0.17
KRVFBD	0.86	-0.25	1.68	0.14	-0.07	0.28	1.21	0.33	0.29
L2TKUD	0.78	-1.13	1.21	0.14	0.03	0.06	1.03	-1.75	0.15
M74BGJ	0.92	0.48	0.00	0.18	0.59	0.00	1.20	0.29	0.11
RE6U96	0.89	0.13	0.83	0.11	-0.48	0.00	1.19	0.18	0.04
TG32G8	0.87	-0.13	1.20				1.18	-0.02	0.15

Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

	SRW2301	SRW2302	SRW2303
Grand Median	0.88	0.14	1.18
Median Abs Dev	0.03	0.03	0.06
Avg Within Lab SD	0.02	0.02	0.14
Labs Included	18	16	18
Labs Reporting	19	17	19



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Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2301			SRW2302			SRW2303			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	0.50	2.64	2.86	0.48	1.99	2.81	1.43	0.21	1.87	
2KXFNV	0.40	0.23	0.38	0.45	1.33	1.09	1.52	1.00	1.02	
66DYDV	0.37	-0.64	2.54	0.33	-1.21	2.50	1.17	-2.07	1.26	
6WH2J2	0.36	-0.72	0.25	0.35	-0.78	0.25	1.34	-0.56	0.58	
8T69HX	0.45	1.36	0.03	0.44	0.96	0.09	2.87	12.73X	1.03	
AANL9U	0.35	-0.94	0.27	0.34	-1.01	0.19	1.34	-0.54	1.12	
AGRHYM	0.45	1.53	0.82	0.44	1.12	0.40	1.43	0.19	0.13	
DNVYW W	0.39	-0.02	0.00	0.39	0.04	0.00	1.39	-0.11	0.00	
DTN69D	0.38	-0.19	0.09	0.39	-0.07	0.20	1.37	-0.29	0.19	
FNQ3J4	0.41	0.52	0.67	0.40	0.29	0.25	1.46	0.51	0.33	
HQKZK8	0.41	0.32	0.14	0.39	0.07	0.06	1.42	0.18	0.04	
JGYWFT	0.28	-2.70X	0.67	0.25	-2.98X	0.43	1.34	-0.59	0.13	
K3RK26	0.41	0.43	0.07	0.39	0.00	0.11	1.44	0.32	0.08	
KPNXDH	0.41	0.35	0.51	0.41	0.36	0.50	1.51	0.92	0.38	
KRVFBD	0.38	-0.39	0.92	0.36	-0.71	1.25	1.34	-0.53	1.26	
L2TKUD	0.37	-0.56	0.71	0.33	-1.22	0.60	1.02	-3.31	2.75	
M74BGJ	0.37	-0.47	0.25	0.37	-0.49	0.25	1.38	-0.21	0.79	
RE6U96	0.36	-0.80	0.44	0.37	-0.49	0.25	1.42	0.11	0.13	
TG32G8	0.39	0.02	0.25	0.39	0.00	0.00	1.46	0.48	0.44	

Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
	SRW2301			SRW2302			SRW2303			
Grand Median	0.39			0.39			1.40			
Median Abs Dev	0.02			0.03			0.06			
Avg Within Lab SD	0.02			0.02			0.05			
Labs Included	18			18			18			
Labs Reporting	19			19			19			



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FXG6Q	0.225	0.32	0.73	0.093	7.16X	11.21	0.269	1.27	3.53
2KXFNV	0.206	-0.42	0.55	0.021	0.00	0.19	0.240	0.00	0.58
66DYDV	0.220	0.13	2.39	0.027	0.52	1.08	0.243	0.16	1.19
6WH2J2	0.203	-0.51	0.80	0.020	-0.15	0.00	0.233	-0.28	0.45
8T69HX	0.180	-1.41	0.16	0.022	0.01	0.02	0.195	-1.94	0.24
AANL9U	0.220	0.11	0.56	0.052	3.06	3.67	0.256	0.73	0.57
AGRHYM	0.217	0.00	0.80	0.027	0.59	0.14	0.243	0.14	0.34
DNVYW W	0.153	-2.41	0.00	0.001	-2.08	0.00	0.179	-2.66	0.00
DTN69D	0.217	0.00	0.16	0.019	-0.21	0.05	0.239	-0.02	0.12
FNQ3J4	0.231	0.55	1.40	0.020	-0.15	0.00	0.250	0.45	
HQKZK8	0.219	0.09	0.29	0.007	-1.48	0.05	0.244	0.20	0.03
JGYWFT	0.150	-2.54	2.39	0.117	9.57X	3.78	0.157	-3.64X	2.24
K3RK26	0.221	0.17	0.14	0.018	-0.38	0.05	0.248	0.35	0.04
KRVFBD	0.203	-0.51	0.80	0.020	-0.15	0.00	0.227	-0.57	0.90
L2TKUD	0.235	0.68	0.84	0.024	0.29	0.16	0.238	-0.09	0.55
M74BGJ	0.210	-0.25	0.00	0.023	0.19	0.54	0.230	-0.43	0.00
RE6U96	0.170	-1.78	0.00	0.030	0.86	0.00	0.210	-1.30	0.00
TG32G8	0.223	0.25	0.80				0.260	0.89	0.00

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2301	SRW2302	SRW2303
Grand Median	0.22	0.021	0.24
Median Abs Dev	0.01	0.003	0.01
Avg Within Lab SD	0.01	0.011	0.01
Labs Included	18	15	17
Labs Reporting	18	17	18



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

Data units: mmolc/L

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	0.002	0.00	1.21	0.002	-0.16	2.15	0.002	-0.08	1.35
DNVYW W	0.017	1.83	0.00	0.011	1.15	0.00	0.028	1.37	0.00
DTN69D	0.001	-0.16	0.00	0.001	-0.28	0.00	0.001	-0.11	0.00
HQKZK8	0.013	1.31	1.78	0.016	1.79	0.38	0.036	1.81	1.71
K3RK26	0.002	-0.07	0.59	0.003	0.00	0.49	0.003	0.00	0.50
M74BGJ	-1.000	127.77X		-1.000	142.19X		-1.000	-55.73X	

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

Data units: mmolc/L

	SRW2301	SRW2302	SRW2303
Grand Median	0.002	0.003	0.003
Median Abs Dev	0.001	0.002	0.002
Avg Within Lab SD	0.002	0.002	0.002
Labs Included	5	5	5
Labs Reporting	6	6	6



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Sum Cations (SubTestCode 308) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FXG6Q	5.43	1.22	0.76	1.40	2.40	2.70	6.92	0.55	0.15
2KXFNV	5.15	0.00	2.12	1.23	1.48	1.19	6.96	0.66	2.05
6WH2J2	4.80	-1.48	0.79	0.93	-0.15	0.21	6.39	-1.01	0.34
HQKZK8	5.05	-0.39	0.06	0.96	0.00	0.08	6.44	-0.88	0.08
K3RK26	5.20	0.24	0.06	1.05	0.52	0.03	6.73	0.00	0.15
KRVFBD	4.63	-2.22	0.13	0.91	-0.28	0.43	6.02	-2.11	1.81
M74BGJ	5.14	-0.01	1.26	1.06	0.57	0.22	6.63	-0.31	0.94
RE6U96	5.18	0.15	0.76	0.88	-0.40	0.06	6.79	0.16	0.15
TG32G8	5.23	0.36	1.05	0.91	-0.28	0.06	6.86	0.38	0.67

Sum Cations (SubTestCode 308) in the Cations Property Groups

Data units: mmolc/L

	SRW2301	SRW2302	SRW2303
Grand Median	5.15	0.96	6.73
Median Abs Dev	0.08	0.07	0.19
Avg Within Lab SD	0.09	0.09	0.12
Labs Included	9	9	9
Labs Reporting	9	9	9



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SAR (SubTestCode 309) in the Cations Property Groups										Data units:
WebCode	SRW2301			SRW2302			SRW2303			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	0.33	2.75	1.50	0.76	1.00	2.17	0.89	-0.23	1.96	
66DYDV	0.27	0.00	2.29	0.57	-1.63	1.79	0.77	-2.99	1.93	
6WH2J2	0.25	-0.76	0.40	0.66	-0.34	0.18	0.87	-0.61	0.33	
FNQ3J4	0.27	0.00	0.23	0.69	0.02	0.00	0.91	0.31	0.33	
K3RK26	0.27	0.20	0.04	0.69	-0.02	0.06	0.91	0.25	0.04	
KRVFBD	0.27	0.15	0.40	0.73	0.60	0.24	0.92	0.54	0.33	
M74BGJ	0.24	-1.07	0.23	0.64	-0.69	0.09	0.89	-0.23	0.19	
TG32G8	0.26	-0.46	0.23	0.77	1.09	0.00	0.91	0.23	0.19	

SAR (SubTestCode 309) in the Cations Property Groups				Data units:
	SRW2301	SRW2302	SRW2303	
Grand Median	0.27	0.69	0.90	
Median Abs Dev	0.01	0.05	0.01	
Avg Within Lab SD	0.03	0.06	0.03	
Labs Included	8	8	8	
Labs Reporting	8	8	8	



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Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
	SRW2301			SRW2302			SRW2303			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
66DYDV	0.30		0.00	0.33		1.68	0.80		0.00	
6WH2J2	0.52		1.45	0.39		0.29	1.57		1.55	
FNQ3J4	0.58		0.95	0.47		0.29	1.71		0.77	

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
	SRW2301			SRW2302			SRW2303			
Grand Median		0.52			0.39			1.57		
Median Abs Dev										
Avg Within Lab SD		0.01			0.03			0.01		
Labs Included		3			3			3		
Labs Reporting		3			3			3		



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HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FXG6Q	4.65	0.46	1.28	0.75	-0.29	1.27	2.23	0.00	0.69
2KXFNV	4.34	-0.55	0.36	0.71	-0.70	0.22	2.07	-1.31	0.26
66DYDV	4.27	-0.81	1.47	0.53	-2.41	2.66	2.07	-1.34	1.59
6WH2J2	4.68	0.57	0.64	0.91	1.22	0.46	2.34	0.86	0.63
AANL9U	4.51	0.00	2.25	0.84	0.51	0.08	2.27	0.26	0.34
DNVYW W	8.87	14.43X	0.00	1.51	6.99X	0.00	4.00	14.23X	0.00
FNQ3J4	4.55	0.13	0.46	0.79	0.10	0.13	2.23	0.00	0.57
HQKZK8	4.43	-0.26	1.47	0.83	0.48	1.33	2.30	0.54	2.76
JGYWFT	4.53	0.06	0.38	0.85	0.61	0.13	2.24	0.08	0.21
K3RK26	4.52	0.03	0.00	0.85	0.64	0.00	2.20	-0.27	0.00
KRVFBD	4.29	-0.72	0.39	0.78	0.00	0.35	2.13	-0.83	0.36
M74BGJ	4.43	-0.26	0.74	0.77	-0.16	1.33	2.17	-0.54	0.80
RE6U96	4.30	-0.69	0.53	0.71	-0.67	0.13	2.05	-1.50	0.08
TG32G8	5.79	4.23	0.32	0.68	-0.96	0.58	2.39	1.24	0.81

HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

	SRW2301	SRW2302	SRW2303
Grand Median	4.51	0.78	2.23
Median Abs Dev	0.14	0.06	0.07
Avg Within Lab SD	0.08	0.04	0.07
Labs Included	13	13	13
Labs Reporting	14	14	14



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CI (SubTestCode 313) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2301			SRW2302			SRW2303			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FXG6Q	0.15	1.64	2.92	0.12	-0.59	2.01	0.83	0.24	1.69	
2KXFNV	0.07	0.03	0.94	0.12	-0.59	0.83	0.72	-0.96	1.06	
66DYDV	0.03	-0.72	0.99	0.10	-1.27	0.80	0.83	0.21	0.85	
6WH2J2							0.64	-1.92	2.17	
AANL9U	0.14	1.58	0.27	0.18	0.95	0.51	0.78	-0.29	0.89	
AGRHYM							0.91	1.15	0.25	
DNVYW W	0.01	-1.16	0.00	0.01	-3.92X	0.00	0.93	1.37	0.00	
DTN69D	0.07	-0.06	0.00	0.15	0.08	0.14	0.80	-0.15	0.08	
FNQ3J4	0.07	-0.03	0.37	0.10	-1.27	0.00	0.80	-0.09	0.00	
HQKZK8	0.10	0.61	0.67	0.13	-0.26	1.00	0.85	0.46	0.78	
K3RK26	0.14	1.52	0.00	0.20	1.60	0.00	0.86	0.58	0.00	
KPNXDH	0.09	0.39	1.50	0.12	-0.68	2.12	0.64	-1.89	1.22	
KRVFBD	0.06	-0.23	0.37	0.15	0.20	0.80	0.82	0.09	0.97	
L2TKUD							0.73	-0.91	1.73	
M74BGJ	0.06	-0.10	0.37	0.14	0.00	0.46	0.85	0.50	1.08	
QT4KAA	0.10	0.65	0.51	0.17	0.80	0.60	0.78	-0.28	0.68	
RE6U96	0.03	-0.72	0.37	0.16	0.49	0.80	0.82	0.09	0.19	
TG32G8							0.72	-0.95	0.19	

CI (SubTestCode 313) in the Anions Property Groups										Data units: mmolc/L
	SRW2301			SRW2302			SRW2303			
	Grand Median	0.068			0.14			0.81		
Median Abs Dev	0.030			0.02			0.04			
Avg Within Lab SD	0.015			0.01			0.03			
Labs Included	14			13			18			
Labs Reporting	14			14			18			



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NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	0.271	-0.06	0.42	0.013	0.00	1.05	3.437	0.02	1.37
66DYDV	0.257	-0.10	0.36				2.593	-0.18	0.13
6WH2J2	0.306	0.02	0.19				3.301	-0.01	0.41
8T69HX	4.233	9.64	0.94	0.046	1.10	0.20	46.040	10.34	3.68
AANL9U	0.262	-0.08	0.18	0.026	0.44	0.02	3.648	0.07	0.20
AGRHYM	0.298	0.01	1.23				3.520	0.04	0.54
DNVYW W	0.272	-0.06	0.76	0.001	-0.38	0.00	2.915	-0.10	0.09
DTN69D	0.284	-0.03	0.04	0.002	-0.36	0.10	3.182	-0.04	0.29
FNQ3J4	18.100	43.57X	0.00				201.333	47.93X	4.41
HQKZK8							3.614	0.07	0.62
JGYWFT	0.460	0.40	1.63	0.083	2.30	2.62	3.343	0.00	0.22
K3RK26	0.267	-0.07	0.13	0.001	-0.38	0.00	3.048	-0.07	0.01
KPNXDH	0.263	-0.08	0.36	0.009	-0.12	0.17	2.890	-0.11	0.60
KRVFBD	0.337	0.10	3.10	0.043	1.00	0.99	3.227	-0.03	0.29
L2TKUD	0.316	0.05	0.40				3.540	0.05	0.27
M74BGJ	0.310	0.04	0.00	-1.000	-32.98X		2.060	-0.31	0.08
RE6U96	0.293	-0.01	0.36				3.400	0.01	0.11
TG32G8	0.320	0.06	0.00				3.380	0.01	0.10

NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW2301	SRW2302	SRW2303
Grand Median	0.30	0.013	3.34
Median Abs Dev	0.02	0.012	0.20
Avg Within Lab SD	0.02	0.006	0.26
Labs Included	16	9	17
Labs Reporting	17	10	18



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SO4 (SubTestCode 315) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2301			SRW2302			SRW2303			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.18	0.71	0.87	0.08	-0.76	0.52	0.28	0.61	1.43	
66DYDV	0.16	0.39	1.43	0.11	1.20	2.43	0.27	0.27	1.09	
6WH2J2	0.05	-2.19	0.72				0.16	-2.82	0.00	
AANL9U	0.11	-0.89	0.10				0.22	-1.20	1.63	
AGRHYM	0.16	0.34	0.59	0.10	0.89	0.44	0.27	0.27	0.30	
DNVYW W	0.06	-1.97	0.00	0.02	-4.97X	0.00	0.08	-5.04X	0.00	
DTN69D	0.14	-0.16	0.21	0.10	0.43	0.36	0.26	0.02	0.09	
FNQ3J4	0.10	-1.09	0.00	0.09	0.00	0.00	0.20	-1.66	0.00	
HQKZK8	0.14	-0.18	0.14	0.06	-1.96	0.17	0.26	-0.07	0.09	
K3RK26	0.16	0.20	0.00	0.09	0.02	0.12	0.26	0.19	0.16	
KPNXDH	0.17	0.47	2.86	0.10	0.96	1.22	0.23	-0.79	2.49	
KRVFBD	0.14	-0.16	1.24	0.09	-0.24	1.22	0.24	-0.60	0.54	
M74BGJ	0.15	0.16	0.72	0.09	-0.24	1.22	0.26	-0.02	0.54	
RE6U96	0.17	0.55	0.00	0.08	-0.72	0.00	0.27	0.37	0.00	
TG32G8							0.28	0.56	1.09	

SO4 (SubTestCode 315) in the Anions Property Groups										Data units: mmolc/L
	SRW2301			SRW2302			SRW2303			
	Grand Median	0.15			0.09			0.26		
Median Abs Dev	0.02			0.01			0.02			
Avg Within Lab SD	0.01			0.00			0.01			
Labs Included	14			11			14			
Labs Reporting	14			12			15			



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2301			SRW2302			SRW2303			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	4.86	0.00	0.49	0.93	-0.32	0.50	6.51	-0.02	1.55	
6WH2J2	5.04	1.11	0.91	0.92	-0.37	0.67	6.44	-0.14	0.85	
HQKZK8	4.67	-1.18	1.83	1.03	0.35	1.46	7.02	0.83	1.51	
K3RK26	5.08	1.36	0.03	1.14	1.05	0.02	6.37	-0.25	0.01	
KRVFBD	4.85	-0.09	0.99	1.16	1.16	0.89	7.55	1.72	1.59	
M74BGJ	4.96	0.61	0.95	1.00	0.14	1.93	5.34	-1.99	0.11	
RE6U96	4.80	-0.37	0.83	0.95	-0.14	0.34	6.53	0.02	0.09	
TG32G8	6.11	7.67X	0.41	0.68	-1.86	0.73	6.77	0.42	0.22	

Sum Anions (SubTestCode 316) in the Anions Property Groups				Data units: mmolc/L
	SRW2301	SRW2302	SRW2303	
Grand Median	4.86	0.98	6.52	
Median Abs Dev	0.10	0.06	0.20	
Avg Within Lab SD	0.06	0.03	0.23	
Labs Included	7	8	8	
Labs Reporting	8	8	8	



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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
WebCode	SRW2301			SRW2302			SRW2303			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.285	0.23	1.86	0.307	1.88	2.03	0.450	0.35	1.80	
6WH2J2	-0.242	-0.98	0.17	0.020	0.00	0.00	-0.048	-0.54	1.01	
HQKZK8	0.384	0.46	1.05	-0.073	-0.61	0.92	-0.583	-1.50	1.49	
K3RK26	0.120	-0.15	0.03	-0.085	-0.69	0.04	0.362	0.19	0.07	
M74BGJ	0.183	0.00	1.17	0.100	0.52	1.36	1.293	1.85	0.46	
RE6U96	0.380	0.45	0.69	-0.070	-0.59	0.16	0.257	0.00	0.10	
TG32G8	-0.880	-2.45	0.74	0.087	0.44	0.40	0.090	-0.30	0.54	

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
	SRW2301			SRW2302			SRW2303			
	Grand Median	0.18			0.020			0.26		
Median Abs Dev	0.20			0.090			0.19			
Avg Within Lab SD	0.12			0.062			0.22			
Labs Included	7			7			7			
Labs Reporting	7			7			7			



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Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	0.043	0.21	0.26	0.003	-0.19	0.27	1.202	1.22	2.01
66DYDV	0.047	0.45	1.32	0.020	2.32	2.63	0.957	-1.17	1.02
AANL9U							1.125	0.47	0.37
DNVYW W	0.030	-0.71	0.00	0.100	14.46X	0.00	0.837	-2.34	0.28
DTN69D	0.040	-0.01	0.00	0.010	0.81	0.00	1.077	0.00	0.28
FNQ3J4							1.057	-0.20	0.28
HQKZK8	0.016	-1.66	0.13				1.106	0.29	0.21
JGYWFT	0.005	-2.43	0.35	0.004	-0.10	0.10	0.951	-1.23	0.58
K3RK26	0.040	0.01	0.13	0.005	0.00	0.11	1.051	-0.25	0.23
KPNXDH	0.043	0.22	2.65	0.001	-0.56	0.00	1.077	0.00	1.98
L2TKUD	0.045	0.32	1.00	0.010	0.74	0.04	0.986	-0.88	1.46
REGU96	0.030	-0.71	0.00				1.150	0.72	0.00
TG32G8							1.077	0.00	1.02

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW2301	SRW2302	SRW2303
Grand Median	0.040	0.005	1.08
Median Abs Dev	0.006	0.004	0.05
Avg Within Lab SD	0.004	0.005	0.02
Labs Included	10	7	13
Labs Reporting	10	8	13



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

Data units: mg/L

SRW2301				SRW2302				SRW2303			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2KXFNV	0.276		1.00	0.008		1.00	0.155		1.00		

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

Data units: mg/L

	SRW2301	SRW2302	SRW2303
Grand Median	0.28	0.008	0.16
Median Abs Dev			
Avg Within Lab SD	0.00	0.002	0.00
Labs Included	1	1	1
Labs Reporting	1	1	1



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

Data units: mg/L

WebCode	SRW2301			SRW2302			SRW2303		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2KXFNV	0.278	0.00	0.88	0.003		1.93	0.158	0.22	0.39
AGRHYM	0.333	1.67	0.84				0.207	2.67	2.03
DTN69D	0.280	0.05	0.00	0.010		0.00	0.153	0.00	0.47
FNQ3J4	0.226	-1.58	1.85				0.145	-0.42	0.70
JGYWFT	0.008	-8.21X	0.03	0.008		0.32	0.008	-7.26X	0.04
K3RK26	0.276	-0.07	0.32	0.008		0.43	0.152	-0.07	0.08

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

Data units: mg/L

	SRW2301	SRW2302	SRW2303
Grand Median	0.28	0.008	0.15
Median Abs Dev	0.00		0.00
Avg Within Lab SD	0.01	0.001	0.01
Labs Included	5	4	5
Labs Reporting	6	4	6



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Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups										Data units: mg/L
SRW2301			SRW2302			SRW2303				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	4.48		1.00	0.15		1.00	46.83		1.00	

Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups										Data units: mg/L
SRW2301			SRW2302			SRW2303				
Grand Median	4.48			0.15			46.8			
Median Abs Dev										
Avg Within Lab SD	0.26			0.02			4.6			
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
SRW2301			SRW2302			SRW2303				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2KXFNV	0.83		1.00	2.17		1.00	1.05		1.00	

Total Organic Carbon (SubTestCode 323) in the Other Property Groups										Data units: mg/L
SRW2301			SRW2302			SRW2303				
Grand Median	0.83			2.17			1.05			
Median Abs Dev										
Avg Within Lab SD	0.13			0.12			0.11			
Labs Included	1			1			1			
Labs Reporting	1			1			1			



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