

ALP Program

Participant Web Summary Report



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

ALP Program - Summer 2024 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Summer 2024 (Cycle 54) was completed in August 2024, with participation by 119 labs from the United States, Canada, Guatemala, Colombia, Ukraine, Portugal, Italy, Ireland, Romania, Dominican Rep, South Africa and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council



Standard Reference Soils (SRS) materials utilized for Cycle 54 were: SRS2406 Gazwell mucky clay, collected Solano Cty, CA; SRS2407 collected near Magrath, AB Canada; SRS2408 a Plainfield sand collected from Wood Cty, WI; SRS2409 a Nolin silt loam collected Caldwell Cty, KY; and SRS2410 a Hinckley loamy sand collected Hampshire Cty, MA. Standard Reference Botanical (SRB) materials for Cycle 54 were: SRB2405 tomato leaf composite from CA; SRB2406 potato petiole composite from WA; SRB2407 forage mix composite from IA; and SRB2408 citrus leaf composite from CA. Standard Reference Water (SRW) for Cycle 54 were: SRW2404 collected from an irrigation canal in Neliegh, NE; SRW2405 collected from an irrigation supply canal in Colorado; and SRW2406 from a domestic well in IN.

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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	86.6	1.69	0.76	71.5	1.34	1.07	33.1	1.34	0.26	55.9	1.03	0.16	34.0	0.68	1.33	
3269HX	73.1	0.69	0.96	57.3	-0.08	1.13	38.1	3.23X	0.92	57.3	1.29	1.81	34.9	1.04	1.51	
6JDA6V	62.7	-0.07	0.15	53.8	-0.43	0.89	30.0	0.12	0.84	48.7	-0.20	0.38	30.2	-0.74	0.19	
733YM2	71.9	0.61	1.90	62.6	0.45	1.18	35.6	2.29	0.55	55.6	0.99	1.50	35.4	1.21	0.21	
8F8HX2	53.4	-0.76	1.29	45.6	-1.24	1.87	25.0	-1.79	2.68	38.0	-2.05	0.09	27.1	-1.91	1.92	
8J397X	82.7	1.40	0.07	68.6	1.05	0.10	30.8	0.42	0.67	48.2	-0.29	0.00	32.1	-0.03	0.61	
96268P	61.3	-0.17	0.27	52.3	-0.57	0.57	29.7	0.00	1.38	44.3	-0.95	0.53	31.3	-0.32	0.58	
9NGE9Q	70.5	0.50	0.25	49.3	-0.88	2.42	27.6	-0.80	0.09	50.5	0.11	0.05	28.6	-1.35	0.70	
AXWDNU	88.3	1.81	0.10	74.2	1.60	0.20	31.3	0.62	0.37	55.1	0.91	0.38	34.3	0.81	0.31	
CRYUZT	63.7	0.00	0.27	62.3	0.42	0.29	31.7	0.77	0.52	52.3	0.43	0.53	33.7	0.56	0.58	
H28HEL	55.7	-0.59		56.7	-0.14		28.4	-0.49		45.8	-0.70		34.3	0.80		
K9ZAZL	84.6	1.54		76.5	1.83		29.1	-0.22		56.0	1.06		31.6	-0.22		
KWRD7J	62.7	-0.07	0.30	68.6	1.05	0.19	30.6	0.37	0.11	52.0	0.36	0.85	33.2	0.40	0.63	
L2WMLQ	56.8	-0.50		56.3	-0.18		25.3	-1.69		46.8	-0.53		30.5	-0.64		
LH6PCC	74.0	0.76	0.65	66.5	0.84	1.18	29.4	-0.09	1.73	50.4	0.09	1.84	36.3	1.57	2.34	
LMZLTP	63.0	-0.05	0.46	60.3	0.22	0.29	30.3	0.26	1.04	50.3	0.08	1.40	34.0	0.69		
NXBQYC	47.1	-1.22	0.00	42.2	-1.58	0.72	19.8	-3.79X	1.94	39.3	-1.82	1.93	23.7	-3.22X	1.14	
QDHBTL	59.7	-0.29	0.20	58.1	0.00	0.00	27.6	-0.81	0.05	48.4	-0.25	0.00	32.3	0.03	0.06	
QRELHD	64.3	0.05	0.27	57.7	-0.04	0.29	30.7	0.39	0.52	47.0	-0.49		31.7	-0.20	0.58	
RCLDZ6	60.6	-0.23	0.24	58.7	0.06	0.03	29.0	-0.25	0.20	46.8	-0.52	0.22	31.6	-0.22	0.08	
ZY73X9	79.7	1.18	3.18	56.2	-0.19	1.20	29.4	-0.12	0.75	49.9	0.00	0.87	32.0	-0.08	0.58	



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	63.7	58.1	29.7	49.9	32.2	
Median Abs Dev	8.0	4.5	1.1	3.0	1.7	
Avg Within Lab SD	2.2	2.0	1.1	1.1	1.0	
Labs Included	21	21	19	21	20	
Labs Reporting	21	21	21	21	21	



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pH - sp (SubTestCode 102) in the Salinity Property Groups															Data units: Unit		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			Unit	Unit
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2C94Z3	5.95	-0.43	0.21	7.59	-0.47	0.26	5.64	-0.11	0.48	6.74	-0.90	0.08	6.10	-0.50	0.27		
3269HX	6.10	0.22	1.78	7.83	1.03	0.86	5.77	0.27	1.93	7.00	0.20		6.27	0.30	1.00		
4VRYD9	7.32	5.39X		8.21	3.34X		6.32	1.86		8.16	5.19X		7.20	4.65X			
6JDA6V	5.64	-1.73	0.99	7.67	0.02	1.82	5.23	-1.26	0.07	6.61	-1.48	1.28	6.05	-0.71	0.30		
733YM2	6.12	0.31	0.62	7.78	0.70	0.15	5.79	0.34	0.33	7.11	0.67	0.15	6.27	0.33	0.61		
8F8HX2	5.90	-0.61	2.39	7.59	-0.45	1.85	5.69	0.04	1.19	6.88	-0.32	2.39	6.09	-0.53	2.88		
8J397X	6.13	0.36	0.21	7.67	0.00	0.23	5.66	-0.04	0.38	6.91	-0.19	0.15	6.29	0.40	0.17		
96268P	5.61	-1.84	0.63	7.31	-2.20	0.30	5.23	-1.27	0.67	6.47	-2.08	0.88	5.85	-1.65	0.76		
9NGE9Q	5.33	-3.03X	1.03	7.47	-1.23	0.86	4.87	-2.32	0.73	6.40	-2.38	0.00	5.90	-1.41	0.00		
A2KXJQ	6.17	0.52	2.27	7.65	-0.08	0.68	5.86	0.55	0.82	6.95	0.00	0.97	6.28	0.36	0.70		
AXWDNU	5.88	-0.71	0.71	7.75	0.51		5.45	-0.65	0.19	6.88	-0.33	0.08	6.10	-0.50	0.66		
BU9ME2	6.14	0.39	0.78	7.82	0.92	0.38	5.84	0.47	1.58	7.08	0.54	0.76	6.31	0.51	1.56		
CRYUZT	5.80	-1.06	0.27	7.69	0.12	0.23	5.20	-1.37	0.26	6.69	-1.15	0.30	6.09	-0.54	0.36		
CWUNXU	5.86	-0.78	0.37	7.86	1.21	0.09	5.53	-0.41	0.44	6.90	-0.22	0.17	6.09	-0.53	0.00		
H28HEL	5.90	-0.63		7.40	-1.64		6.20	1.51		7.00	0.20		7.00	3.71X			
K9ZAZL	6.08	0.14		7.66	-0.04		5.55	-0.35		6.96	0.03		6.24	0.17			
KWRD7J	6.16	0.48	0.93	7.73	0.41	0.31	5.85	0.50	0.73	7.11	0.67	0.77	6.36	0.71	0.72		
L2WMLQ	6.14	0.37		7.75	0.48		5.82	0.41		7.06	0.46		6.35	0.66			
LH6PCC	6.27	0.93	1.03	7.63	-0.21	0.86	5.63	-0.11	0.73	7.27	1.35	1.69	6.03	-0.79	2.01		
LMZLTP	5.77	-1.19	0.57	7.67	0.00	0.75	5.15	-1.50	0.46	6.72	-1.00	0.64	6.02	-0.84	0.44		
NXBQYC	6.22	0.73	0.00	7.84	1.07	0.15	5.83	0.44	1.42	7.05	0.42	0.15	6.38	0.81	0.61		
PRHZ2F	6.02	-0.14	0.14	7.63	-0.23	0.13	5.81	0.40	0.25	6.98	0.13	0.55	6.27	0.30	0.16		
QDHBTL	6.01	-0.16	0.31	7.80	0.82	0.00	5.60	-0.21	0.00	7.00	0.20		6.17	-0.17	1.00		
QRELHD	6.25	0.87	0.84	7.34	-1.99	0.62	5.47	-0.59	0.98	6.83	-0.53	1.16	6.51	1.41	1.22		
VF4VGC	5.86	-0.78	0.21	7.51	-0.94	2.75	5.74	0.20	2.48	6.69	-1.15	1.24	6.10	-0.50	0.50		
ZY73X9	6.24	0.81	0.82	7.65	-0.08	1.59	5.80	0.35	1.19	7.02	0.27	1.76	6.54	1.55	0.44		



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pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	6.05	7.67	5.67	6.95	6.20	
Median Abs Dev	0.15	0.08	0.15	0.11	0.11	
Avg Within Lab SD	0.06	0.07	0.08	0.07	0.06	
Labs Included	24	25	26	25	24	
Labs Reporting	26	26	26	26	26	



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PO4 - sp (SubTestCode 1021) in the Salinity Property Groups													Data units: mg/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	1.55		1.73	0.44		0.55	0.11		0.41	0.30		0.28	2.46		1.72
NXBQYC	1.83		0.00	0.51		1.64	0.20		1.46	0.55		1.28	3.01		0.17
PRHZ2F	0.07		0.05	0.07		0.13	0.08		0.84	0.07		1.14	0.14		0.09
TPPYZA	4.05			1.17			1.20			0.30			4.29		
PO4 - sp (SubTestCode 1021) in the Salinity Property Groups													Data units: mg/L		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	1.69			0.47			0.16			0.30			2.73		
Median Abs Dev															
Avg Within Lab SD	0.13			0.07			0.03			0.08			0.26		
Labs Included	4			4			4			4			4		
Labs Reporting	4			4			4			4			4		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2C94Z3	1.26	-1.32	0.53	0.51	-0.29	1.21	0.10	-0.51	0.16	0.49	0.26	0.76	2.58	-0.90	0.09		
3269HX	1.27	-1.31	0.81	2.64	17.13X	1.40	0.50	5.01	3.64	3.47	24.86X	5.33	0.78	-5.69X	0.19		
4VRYD9	1.77	-0.05		0.76	1.75		0.16	0.33		0.58	1.02		3.57	1.75			
6JDA6V	1.91	0.30	2.24	0.53	-0.10	0.88	0.24	1.37	0.48	0.58	0.99	3.27	2.85	-0.16	0.91		
733YM2	1.80	0.02	0.95	0.59	0.35	0.20	0.11	-0.33	0.34	0.47	0.09	0.15	2.94	0.06	0.09		
8F8HX2	1.93	0.35	1.85	0.60	0.47	2.20	0.14	0.10	0.87	0.43	-0.22	1.72	3.16	0.66	1.30		
8J397X	2.01	0.54	0.87	0.68	1.13	0.22	0.10	-0.52	0.09	0.57	0.96	0.04	3.21	0.79	0.07		
96268P	2.02	0.58	0.70	0.54	-0.07	0.33	0.19	0.78	0.87	0.48	0.22	0.57	3.12	0.56	0.38		
9NGE9Q	2.62	2.07	0.74	0.66	0.96	0.76	0.07	-0.90	0.00	0.49	0.30	0.16	3.97	2.82X	1.54		
A2KXJQ	1.70	-0.23	0.04	0.43	-0.96	0.33	0.14	0.00	0.43	0.33	-1.03	0.26	2.74	-0.45	0.44		
AXWDNU	1.94	0.38	0.60	0.54	-0.01	1.32	0.13	-0.08	0.28	0.45	-0.09	0.59	2.85	-0.17	0.95		
BU9ME2	1.78	-0.03	0.60	0.50	-0.40	0.11	0.13	-0.04	0.10	0.34	-0.94	0.12	2.71	-0.53	1.70		
CRYUZT	1.95	0.40	0.17	0.48	-0.50	0.11	0.16	0.31	0.96	0.41	-0.40	0.06	2.91	0.00	0.14		
CWUNXU	1.95	0.39	1.00	0.43	-0.97	0.16	0.12	-0.19	0.17	0.24	-1.75	0.10	2.94	0.06	0.54		
H28HEL	1.60	-0.48		0.70	1.26		0.30	2.24		0.50	0.36		2.60	-0.84			
K9ZAZL	1.82	0.07		0.61	0.54		0.23	1.28		0.49	0.28		3.29	1.01			
KWRD7J	1.50	-0.73	1.17	0.42	-1.02	0.95	0.08	-0.77	0.86	0.31	-1.21	0.28	2.41	-1.33	0.67		
L2WMLQ	1.79	-0.02		0.56	0.08		0.17	0.39		0.46	0.03		2.99	0.19			
LH6PCC	1.77	-0.06	0.85	0.48	-0.51	0.63	0.22	1.15	1.10	0.20	-2.12	0.28	3.06	0.38	0.40		
LMZLTP	2.04	0.62	0.26	0.51	-0.29	0.57	0.21	1.05	1.69	0.43	-0.19	0.57	2.91	0.00	0.14		
NXBQYC	0.90	-2.24	0.00	2.74	17.92X	20.88	1.15	13.88X	0.64	4.00	29.23X	33.18	1.18	-4.63X	3.99		
PRHZ2F	2.01	0.55	0.25	0.55	0.04	0.11	0.14	0.11	0.01	0.35	-0.85	0.09	2.56	-0.94	0.06		
QDHBTL	2.07	0.70	0.84	0.51	-0.29	0.43	0.13	-0.04	0.24	0.41	-0.39	0.00	3.04	0.35	0.19		
QRELHD	1.45	-0.85	0.37	0.81	2.16	0.38	0.15	0.24	0.24	0.60	1.16	0.42	2.81	-0.28	0.31		
RCLDZ6	1.66	-0.32	0.42	0.66	0.95	0.01	0.12	-0.19	0.42	0.59	1.09	0.15	3.09	0.47	0.40		
TPPYZA	0.80	-2.49		0.29	-2.06		0.13	-0.03		0.32	-1.13		2.29	-1.67			



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ECe - sp (SubTestCode 103) in the Salinity Property Groups														Data units: dS/m		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VF4VGC	2.10	0.77	0.00	0.55	0.01	0.13	0.13	-0.08	0.00	0.45	-0.03	0.16	3.20	0.77	0.00	
ZY73X9	1.39	-1.01	2.44	0.59	0.37	3.05	0.12	-0.17	0.73	0.51	0.44	2.28	1.96	-2.54	3.48	
ECe - sp (SubTestCode 103) in the Salinity Property Groups														Data units: dS/m		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	1.79			0.55			0.14			0.46			2.91			
Median Abs Dev	0.20			0.06			0.02			0.05			0.20			
Avg Within Lab SD	0.07			0.05			0.02			0.04			0.15			
Labs Included	28			26			27			26			25			
Labs Reporting	28			28			28			28			28			



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HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	0.12	-1.52	0.02	0.34	-1.18	0.03	0.13	-0.95	0.15	0.12	-2.33	0.05	0.75	-0.30	0.58	
733YM2	1.71	-0.16	0.48	3.76	0.34	0.38	0.02	-1.27	0.02	4.17	0.00	0.30	0.66	-0.46	0.52	
96268P	1.45	-0.38	0.58	2.26	-0.33	0.04	0.49	0.13	0.13	3.48	-0.40	0.40	0.90	0.00	0.05	
9NGE9Q	0.84	-0.90	0.16	1.67	-0.59	0.17	0.12	-0.97	0.07	2.05	-1.22	0.19	0.37	-1.04	0.10	
L2WMLQ	1.89	0.00		3.75	0.33		0.90	1.35		4.42	0.14		1.59	1.37		
QDHBTL	2.00	0.09		2.40	-0.27	0.00	0.40	-0.13	0.00	3.60	-0.33	0.00	0.60	-0.59	0.00	
QRELHD	2.93	0.89	0.47	5.87	1.27	0.53	0.40	-0.13	1.47	5.73	0.90	0.36	1.47	1.13	1.10	
RCLDZ6	3.37	1.26	0.46	6.92	1.74	1.62	0.53	0.26	0.53	5.17	0.57	1.29	1.27	0.73	0.14	
TPPYZA	0.83	-0.91		1.81	-0.53		0.59	0.43		2.50	-0.96		0.94	0.08		
VF4VGC	2.58	0.59	0.55	3.00	0.00	0.02				4.57	0.23	0.47	0.90	0.00	1.46	
ZY73X9	2.73	0.72	2.58	4.89	0.84	2.44	0.82	1.11	2.34	4.77	0.34	2.58	1.76	1.71	2.24	

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	1.89			3.00			0.44			4.17			0.90			
Median Abs Dev	0.84			1.19			0.23			0.69			0.30			
Avg Within Lab SD	0.25			0.58			0.14			0.32			0.11			
Labs Included	11			11			10			11			11			
Labs Reporting	11			11			10			11			11			



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K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2C94Z3				0.28	-0.93	1.15				0.12	-0.03		1.09	1.87	0.02
3269HX	6.98	310.20X	46.82	3.10	26.95X	0.66	0.44	7.95X	5.76	2.30	82.89X	6.72	14.04	99.89X	14.48
733YM2	0.09	-0.63	0.31	0.39	0.11	0.24	0.10	-0.86	0.25	0.09	-0.98	0.44	0.84	0.00	0.34
8F8HX2	0.12	1.08	2.22	0.37	-0.09	1.16	0.13	-0.14	0.57	0.11	-0.09	1.61	0.80	-0.29	1.87
8J3972				0.48	1.03	0.00	0.11	-0.48	0.57	0.13	0.41	0.40	0.84	0.04	0.49
8J397X				0.47	0.89	0.12				0.13	0.54		0.83	-0.04	0.12
96268P				0.37	-0.04	0.49	0.20	1.74					0.84	0.05	0.81
9NGE9Q	0.15	2.13	0.56	0.30	-0.72	0.12	0.17	0.89	0.57	0.15	1.30	0.00	0.81	-0.19	0.95
A2KXJQ	0.10	0.02	0.00	0.37	-0.03	2.81	0.13	0.03	0.57	0.14	0.92	2.80	0.81	-0.19	0.99
AXWDNU				0.43	0.49	2.04				0.12	0.03	0.48	0.86	0.18	0.15
CRYUZT	0.08	-0.92	0.44	0.30	-0.76	0.10	0.09	-1.11	0.11	0.07	-1.60	0.11	0.70	-1.02	0.29
K9ZAZL				0.48	1.03		0.22	2.25		0.12	0.16		1.01	1.30	
L2WMLQ	0.10	-0.02		0.38	0.03		0.13	0.00		0.12	0.27		0.80	-0.26	
LMZLTP	0.10	0.02		0.30	-0.75	0.00	0.10	-0.82	0.00				0.70	-1.05	0.00
PRHZ2F	0.07	-1.23	1.14	0.28	-0.92	0.23	0.12	-0.24	1.07	0.08	-1.37	0.41	0.35	-3.67X	0.21
QDHBTL	0.10	-0.14	0.20	0.36	-0.19	0.24	0.11	-0.48	0.57	0.10	-0.66	0.04	0.87	0.24	0.21
QRELHD	0.15	2.13	0.56	0.55	1.69	0.51	0.17	1.06	0.57	0.15	1.43	0.81	0.90	0.47	0.84
RCLDZ6	0.09	-0.32	0.35	0.50	1.27	0.09	0.13	0.06	1.22	0.13	0.44	0.11	1.06	1.69	1.49
TPPYZA	0.08	-0.75		0.21	-1.62		0.11	-0.58		0.07	-1.59		0.58	-1.94	
VF4VGC	0.10	0.02	0.00	0.41	0.33	0.00	0.15	0.37	0.57	0.11	-0.22	0.00	0.98	1.07	0.21
ZY73X9	0.10	0.02	1.92	0.43	0.57	1.25	0.15	0.37	2.84	0.11	-0.09	1.07	0.71	-0.95	2.54



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K - sp (SubTestCode 105) in the Salinity Property Groups						Data units: mmolc/L
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	0.10	0.38	0.13	0.12	0.84	
Median Abs Dev	0.01	0.07	0.02	0.01	0.04	
Avg Within Lab SD	0.01	0.05	0.01	0.01	0.05	
Labs Included	14	20	17	18	19	
Labs Reporting	15	21	18	19	21	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2C94Z3	7.57	-1.23	0.62	4.31	-0.20	1.28	0.43	-0.80	0.93	4.56	0.18	0.73	17.71	-0.01	0.28
3269HX	8.38	-0.60	1.94	1.06	-2.26	0.03	0.25	-1.67	0.87	0.75	-2.50	0.10	9.58	-2.61	0.31
733YM2	10.31	0.93	1.08	5.77	0.73	0.40	0.54	-0.24	0.77	5.22	0.64	0.86	17.99	0.08	0.46
8F8HX2	9.07	-0.05	1.02	4.43	-0.12	1.29	0.69	0.45	1.00	3.80	-0.36	2.58	17.41	-0.11	1.58
8J3972	9.68	0.43	0.80	5.53	0.58	0.14	0.47	-0.60	0.20	5.07	0.53	0.17	18.00	0.08	0.07
8J397X	9.88	0.59	0.33	5.57	0.60	0.05	0.45	-0.68	0.11	4.93	0.44	0.18	19.35	0.51	0.07
96268P	9.69	0.43	1.28	3.96	-0.43	0.14	0.87	1.32	0.57	4.31	0.00	0.33	17.77	0.01	0.39
9NGE9Q	10.34	0.95	0.71	4.71	0.05	0.33	0.39	-1.00	0.30	3.86	-0.31	0.06	23.10	1.71	0.99
A2KXJQ	8.71	-0.34	0.56	3.62	-0.64	0.60	0.63	0.19	0.57	3.04	-0.89	0.29	16.47	-0.41	0.37
AXWDNU	9.69	0.43	0.16	4.29	-0.21	0.47	0.56	-0.14	0.77	4.12	-0.13	0.22	16.76	-0.31	0.23
CRYUZT	7.95	-0.93	0.23	3.02	-1.02	0.10	0.52	-0.34	0.13	2.67	-1.15	0.06	12.84	-1.57	0.13
K9ZAZL	8.95	-0.15		5.30	0.43		1.06	2.26		4.81	0.35		18.60	0.27	
KWRD7J	9.42	0.22	0.83	4.86	0.15	0.15	0.53	-0.31	0.60	4.29	-0.01	0.74	18.23	0.16	0.26
L2WMLQ	8.45	-0.54		4.01	-0.39		0.54	-0.27		3.63	-0.48		16.58	-0.37	
LMZLTP	9.20	0.05	0.48	3.41	-0.78	0.28	0.73	0.68	2.50	3.31	-0.70	0.08	15.63	-0.67	0.28
NXBQYC	8.87	-0.21	0.00	5.35	0.46	2.90	1.50	4.40X	11.18	5.21	0.63	1.63	20.55	0.90	3.39
PRHZ2F	6.90	-1.76	1.77	3.30	-0.84	0.26	0.65	0.25	0.62	3.28	-0.72	0.18	13.48	-1.36	0.21
QDHBTL	11.47	1.84	0.73	4.69	0.04	0.36	0.76	0.80	0.34	4.54	0.16	0.25	19.80	0.66	0.24
QRELHD	8.10	-0.82	1.14	7.30	1.70	0.18	0.83	1.16	1.15	6.00	1.19	0.77	17.10	-0.21	0.32
RCLDZ6	9.48	0.27	0.32	6.22	1.01	0.59	0.63	0.19	1.39	6.05	1.23	0.36	19.52	0.57	0.10
TPPYZA	1.72	-5.84X		0.97	-2.32		0.36	-1.15		1.38	-2.06		7.00	-3.44X	
VF4VGC	10.67	1.21	0.18	4.63	0.00	0.05	0.62	0.14	0.30	4.50	0.14	0.07	19.23	0.48	0.11
ZY73X9	8.04	-0.86	2.09	5.51	0.56	2.59	0.63	0.19	1.99	5.30	0.70	2.78	12.22	-1.77	1.98



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Ca - sp (SubTestCode 106) in the Salinity Property Groups	Data units: mmolc/L				
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410
Grand Median	9.14	4.63	0.59	4.31	17.7
Median Abs Dev	0.72	0.88	0.11	0.76	1.4
Avg Within Lab SD	0.32	0.55	0.05	0.34	1.4
Labs Included	22	23	22	23	22
Labs Reporting	23	23	23	23	23



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Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2C94Z3	5.74	-2.17	0.64	1.08	-0.06	0.41	0.18	-0.45	0.43	0.91	0.01	0.40	8.17	-0.89	0.26
3269HX	3.83	-3.53X	0.79	0.52	-1.49	0.24	0.12	-1.27	0.50	0.22	-2.29	0.23	1.69	-4.83X	0.14
733YM2	9.44	0.47	0.95	1.25	0.36	0.54	0.17	-0.50	0.44	0.92	0.02	0.46	9.26	-0.23	0.19
8F8HX2	8.66	-0.08	0.65	1.11	0.00	1.44	0.25	0.54	0.75	0.83	-0.27	2.05	9.61	-0.02	1.52
8J3972	9.31	0.38	0.33	1.33	0.56	0.17	0.18	-0.41	0.00	1.13	0.72	0.07	9.81	0.10	0.17
8J397X	9.47	0.50	0.31	1.33	0.56	0.08				1.13	0.75	0.18	9.97	0.20	0.06
96268P	8.78	0.00	0.98	0.96	-0.38	0.32	0.30	1.28	0.54	0.91	0.00	0.32	9.38	-0.16	0.18
9NGE9Q	10.83	1.47	0.46	1.15	0.11	0.76	0.18	-0.41	0.00	0.80	-0.35	0.18	13.48	2.33	1.00
A2KXJQ	7.69	-0.78	1.36	0.88	-0.59	0.87	0.28	0.90	1.99	0.74	-0.56	0.92	8.47	-0.71	0.22
AXWDNU	10.07	0.92	0.08	0.94	-0.43	0.11	0.21	-0.03	0.80	0.83	-0.27	0.27	9.99	0.21	0.07
CRYUZT	8.40	-0.27	0.33	0.78	-0.84	0.08	0.21	0.00	0.12	0.62	-0.95	0.11	7.85	-1.09	0.36
K9ZAZL	9.83	0.75		1.38	0.70		0.67	6.25X		1.10	0.64		11.42	1.08	
KWRD7J	8.92	0.10	0.90	1.34	0.59	0.47	0.21	-0.05	0.50	1.06	0.49	0.47	10.33	0.42	0.20
L2WMLQ	8.50	-0.19		0.94	-0.42		0.12	-1.30		0.83	-0.25		9.64	0.00	
LMZLTP	8.73	-0.03	0.19	0.93	-0.44	0.40	0.23	0.31	2.49	0.83	-0.25	0.66	8.73	-0.55	0.30
NXBQYC	8.48	-0.21	0.00	1.70	1.52	3.12	0.54	4.49X	2.07	1.20	0.95	2.84	11.14	0.91	3.10
PRHZ2F	6.33	-1.75	0.68	0.89	-0.56	0.44	0.27	0.76	0.15	0.73	-0.60	0.44	7.13	-1.53	0.21
QDHBTL	10.37	1.14	0.19	1.20	0.24	0.48	0.31	1.40	0.25	1.09	0.60	0.35	10.60	0.58	0.23
QRELHD	7.33	-1.03	0.19	1.77	1.69	0.40	0.30	1.22	0.00	1.33	1.41	0.66	9.13	-0.31	0.20
RCLDZ6	9.08	0.22	1.51	1.54	1.11	0.40	0.24	0.34	1.44	1.33	1.40	0.53	10.84	0.73	0.44
TPPYZA	1.65	-5.09X		0.31	-2.05		0.14	-1.00		0.33	-1.90		3.87	-3.50X	
VF4VGC	9.65	0.62	0.12	0.96	-0.38	0.00				0.84	-0.23	0.12	10.01	0.22	0.11
ZY73X9	7.25	-1.09	3.20	1.27	0.41	2.25	0.26	0.63	1.51	1.09	0.59	2.12	6.54	-1.88	2.29



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	8.78	1.11	0.21	0.91	9.64	
Median Abs Dev	0.70	0.22	0.04	0.18	0.91	
Avg Within Lab SD	0.30	0.14	0.02	0.09	0.76	
Labs Included	21	23	19	23	21	
Labs Reporting	23	23	21	23	23	



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Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	3.23	-2.41	0.82	0.49	-0.68	0.16							1.83	-0.66	0.55	
3269HX	1.38	-5.52X	0.43	0.36	-2.45	0.39	0.20	0.62	1.04	0.18	-0.69	0.36	0.49	-5.05X	0.18	
733YM2	4.86	0.33	1.85	0.63	1.34	0.19	0.07	-0.59	0.42	0.22	-0.22	0.09	2.01	-0.08	0.62	
8F8HX2	4.24	-0.72	0.60	0.56	0.43	1.47	0.10	-0.33	0.68	0.24	0.00	1.56	1.86	-0.57	1.91	
8J3972	4.67	0.00	0.32	0.58	0.72	0.24				0.42	2.08	0.00	2.05	0.08	0.15	
8J397X	4.94	0.45	0.32	0.59	0.86	0.09				0.44	2.31	0.36	2.15	0.38	0.11	
96268P	4.80	0.22	1.36	0.57	0.49	0.03	0.26	1.21		0.26	0.21	0.09	2.19	0.53	2.05	
9NGE9Q	4.85	0.30	0.89	0.47	-0.86	0.70	0.01	-1.21	0.00	0.11	-1.50	0.36	2.30	0.90	0.66	
A2KXJQ	4.05	-1.05	0.39	0.52	-0.14	0.70	0.10	-0.29	0.78	0.22	-0.23	0.00	1.77	-0.85	0.46	
AXWDNU	4.80	0.23	1.37	0.63	1.42	3.42				0.25	0.14	1.13	1.92	-0.37	0.25	
CRYUZT	4.35	-0.53	0.40	0.48	-0.70	0.40	0.09	-0.45	0.52	0.20	-0.45	0.31	1.78	-0.84	0.14	
K9ZAZL	4.83	0.27		0.58	0.67		0.30	1.64		0.26	0.23		2.30	0.89		
KWRD7J	4.45	-0.36	0.71	0.56	0.38	0.93	0.07	-0.59	0.52	0.21	-0.39	0.21	1.92	-0.36	1.28	
L2WMLQ	4.41	-0.44		0.59	0.86		0.26	1.25		0.41	1.98		2.11	0.25		
LMZLTP	4.57	-0.17	0.28	0.57	0.46	0.00	0.30	1.68	1.48	0.29	0.57	0.89	2.09	0.19	0.31	
NXBQYC	4.91	0.40	0.00	1.78	17.94X	7.77	0.67	5.29X	8.66	1.66	16.41X	22.11	3.13	3.61X	1.24	
PRHZ2F	3.91	-1.28	1.49	0.49	-0.59	0.25	0.11	-0.23	0.23	0.23	-0.09	0.15	0.82	-3.97X	0.44	
QDHBTL	4.98	0.52	0.34	0.53	-0.10	0.24	0.07	-0.59	0.20	0.21	-0.31	0.21	2.08	0.17	0.26	
QRELHD	3.53	-1.91	0.35	0.53	0.00	0.90	0.13	0.00	1.96	0.23	-0.08	2.06	1.63	-1.30	0.40	
RCLDZ6	4.88	0.35	1.02	0.78	3.48X	0.80	0.18	0.47	0.99	0.32	0.95	0.26	2.45	1.37	0.58	
TPPYZA	2.13	-4.26X		0.49	-0.63		0.16	0.22		0.31	0.84		1.58	-1.47		
VF4VGC	5.22	0.92	0.12	0.51	-0.34	0.00				0.20	-0.42	0.21	2.20	0.56	0.07	
ZY73X9	3.90	-1.30	2.33	0.53	-0.05	0.97	0.14	0.10	1.74	0.28	0.46	2.92	1.52	-1.68	2.32	



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Na - sp (SubTestCode 108) in the Salinity Property Groups	Data units: mmolc/L				
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410
Grand Median	4.67	0.53	0.13	0.24	2.03
Median Abs Dev	0.27	0.04	0.06	0.04	0.17
Avg Within Lab SD	0.16	0.06	0.03	0.03	0.14
Labs Included	21	21	17	21	20
Labs Reporting	23	23	18	22	23



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SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	1.25	-1.80	0.43	0.30	-0.72	0.57							0.49	-0.67	0.24	
3269HX	1.20	-2.18	3.37	1.23	17.29X	29.93	0.34	0.44	1.73	0.36	2.73	1.43	0.82	2.37	0.78	
8F8HX2	1.42	-0.64	0.38	0.34	0.00	0.77	0.15	-0.96	0.43	0.16	-0.03	0.62	0.50	-0.55	0.94	
8J397X	1.51	-0.03	0.14	0.32	-0.39	0.14				0.24	1.12	0.00	0.55	-0.12	0.23	
96268P	1.58	0.45	0.63	0.36	0.39	0.17	0.30	0.14	0.39	0.16	0.00	0.09	0.59	0.28	1.93	
A2KXJQ	1.41	-0.72	0.04	0.35	0.24	0.56	0.15	-0.91	0.43	0.16	0.02	0.08	0.50	-0.57	0.35	
AXWDNU	1.52	0.03	0.80	0.39	0.96	2.98	0.13	-1.08		0.16	-0.03	0.85	0.53	-0.34	0.26	
CRYUZT	1.52	0.03	0.18	0.35	0.26	0.48	0.15	-0.96	0.28	0.15	-0.07	0.24	0.55	-0.09	0.26	
K9ZAZL	1.58	0.42		0.32	-0.32		0.32	0.31		0.15	-0.12		0.60	0.34		
L2WMLQ	1.51	-0.04		0.38	0.78		0.46	1.31		0.28	1.62		0.58	0.16		
LMZLTP	1.52	0.03	0.14	0.38	0.90	0.14	0.43	1.12	1.13	0.20	0.57	0.71	0.60	0.31	0.13	
NXBQYC	1.67	1.00	0.00	0.94	11.69X	3.64	0.69	3.00X	3.96	0.92	10.44X	11.77	0.80	2.15	2.34	
QDHBTL	1.50	-0.12		0.30	-0.71	0.00				0.10	-0.81	0.00	0.50	-0.58		
QRELHD	1.27	-1.71	0.69	0.23	-1.99	1.39	0.17	-0.81	1.42	0.13	-0.35	2.35	0.43	-1.20	1.30	
RCLDZ6	1.60	0.56	0.37	0.39	1.11	0.80	0.28	0.00	0.75	0.17	0.13	0.19	0.63	0.60	0.59	
TPPYZA	1.64	0.83		0.61	5.34X		0.31	0.27		0.34	2.46		0.68	1.06		
VF4VGC	1.64	0.80	0.07	0.31	-0.51	0.00							0.57	0.09	0.13	
ZY73X9	1.41	-0.74	0.78	0.29	-0.84	0.14	0.22	-0.45	1.24	0.15	-0.07	1.65	0.49	-0.65	0.91	

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	1.52			0.34			0.28			0.16			0.56			
Median Abs Dev	0.09			0.04			0.11			0.01			0.06			
Avg Within Lab SD	0.08			0.04			0.08			0.02			0.04			
Labs Included	18			15			13			15			18			
Labs Reporting	18			18			14			16			18			



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CI - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	0.65	-1.00	0.28	0.24	-0.76	0.01	0.10	-0.83	0.22	0.17	-0.47	0.34	2.01	5.73X	0.44	
3269HX	6.40	19.95X	6.13	1.11	5.36X	1.20	0.17	0.01	0.65	0.37	1.07	3.32	2.05	5.93X	1.74	
6JDA6V	0.36	-2.04	0.05	0.30	-0.30	0.05	0.11	-0.70	0.05	0.14	-0.71	0.07	0.30	-3.41X	0.03	
733YM2	1.08	0.59	2.05	0.53	1.26	0.36	0.40	3.05X	0.35	0.47	1.82	0.46	1.03	0.45	0.18	
8F8HX2	0.94	0.06	0.93	0.47	0.86	0.47	0.21	0.54	1.29	0.31	0.59	0.00	0.94	0.00	0.53	
922UBP	0.91	-0.05	0.26	0.35	0.03	0.18	0.21	0.58	0.35	0.24	0.03	0.24	0.94	0.00	0.42	
96268P	1.14	0.79	0.30	0.43	0.57	0.05	0.20	0.43	0.15	0.29	0.43	0.24	1.08	0.76	0.42	
9NGE9Q	0.82	-0.38	0.15	0.35	0.02	0.21	0.11	-0.78	0.11	0.23	-0.03	0.00	1.01	0.37	0.69	
A2KXJQ	0.79	-0.49	1.26	0.38	0.23	0.89	0.21	0.58	1.29	0.31	0.59	1.13	0.96	0.09	0.85	
AXWDNU	0.90	-0.08	1.13	0.55	1.39	3.93				0.40	1.25		0.87	-0.35	0.04	
CRYUZT	0.95	0.10	0.46	0.32	-0.18	0.07	0.12	-0.57	0.64	0.22	-0.13	0.15	0.98	0.22	0.15	
K9ZAZL	1.52	2.17											1.24	1.60		
KWRD7J	0.86	-0.22	0.82	0.26	-0.58	0.26	0.17	0.01	0.46	0.22	-0.08	0.70	0.83	-0.61	0.63	
L2WMLQ	0.86	-0.23		0.34	-0.02		0.24	1.01		0.15	-0.66		0.82	-0.63		
LMZLTP	1.23	1.13	0.86	0.40	0.37	0.00	0.30	1.76	3.19	0.30	0.51	0.00	1.00	0.32		
NXBQYC	1.14	0.79	0.00	0.65	2.14	0.26	0.49	4.31X	1.34	0.56	2.51	0.62	1.00	0.30	1.51	
PRHZ2F	0.76	-0.58	1.06	0.11	-1.67	0.21	0.05	-1.52	0.37	0.11	-0.95	0.78	0.73	-1.10	0.47	
QDHBTL	0.94	0.05	0.09	0.27	-0.53	0.00	0.02	-1.91	0.00	0.11	-0.95	0.00	0.62	-1.71	0.20	
QRELHD	1.03	0.39	0.65	0.47	0.89	0.58	0.21	0.62	1.06	0.28	0.38	1.69	0.92	-0.13	0.40	
RCLDZ6	1.10	0.63	0.66	0.34	-0.06	0.65	0.16	-0.01	0.11	0.22	-0.08	0.04	1.22	1.52	2.66	
TPPYZA	0.41	-1.88		0.19	-1.07		0.16	-0.12		0.65	3.19X		0.66	-1.52		
VF4VGC	0.79	-0.50	0.09										0.78	-0.86	0.00	
ZY73X9	1.12	0.72	2.68	0.27	-0.53	0.64	0.15	-0.16	0.11	0.20	-0.26	0.95	0.76	-0.94	1.98	



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	0.92	0.35	0.17	0.23	0.94	
Median Abs Dev	0.15	0.08	0.04	0.07	0.10	
Avg Within Lab SD	0.07	0.10	0.05	0.05	0.09	
Labs Included	22	20	18	20	20	
Labs Reporting	23	21	20	21	23	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups													Data units: mmol/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2C94Z3	5.88	-1.73	0.54	0.61	-2.08	0.14	0.13	-0.64	0.20	0.31	-1.27	0.12	1.83	-1.30	0.23
3269HX	6.17	-1.54	2.11	1.00	-0.81	1.62	0.43	1.73	2.40	0.13	-2.06	1.37	19.67	22.95X	0.95
733YM2	9.50	0.68	0.54	1.53	0.95	0.56	0.18	-0.22	0.27	0.71	0.53	1.82	3.12	0.44	1.29
7Y72PW	141.33	88.37X	27.04	80.00	258.86X	24.68	29.67	229.01X	77.98	8.67	35.98X	47.01	24.00	28.84X	4.86
8F8HX2	8.09	-0.26	1.39	1.33	0.28	0.44	0.19	-0.14	0.75	0.63	0.16	1.58	2.79	0.00	2.51
8J3972	10.52	1.36	0.46	1.33	0.27	0.04				0.85	1.13	0.34	3.20	0.56	0.24
8J397X	9.62	0.76	0.20	1.30	0.20	0.41	0.19	-0.14	0.00	0.79	0.89	0.34	2.97	0.24	0.15
922UBP	7.50	-0.65	0.44	1.05	-0.65	0.07	0.45	1.90	1.49	0.53	-0.27	0.25	2.43	-0.49	1.50
96268P	8.43	-0.03	1.49	1.26	0.07	0.31	0.40	1.47	0.42	0.60	0.01	1.44	2.70	-0.12	0.06
A2KXJQ	7.10	-0.92	1.19	1.08	-0.55	0.31	0.21	0.04	0.36	0.54	-0.22	1.11	2.48	-0.42	0.83
AXWDNU	7.35	-0.75	0.61	0.81	-1.43	0.19				0.34	-1.12	0.02	2.20	-0.81	0.06
CRYUZT	7.70	-0.52	0.15	0.93	-1.04	0.08	0.21	0.00	0.62	0.48	-0.50	0.51	2.08	-0.97	0.31
K9ZAZL	9.85	0.91		1.24	-0.01		0.66	3.51X		0.66	0.30		3.54	1.02	
KWRD7J	8.53	0.03	1.17	1.12	-0.42	0.28	0.19	-0.14	1.25	0.59	0.00	1.54	2.86	0.10	0.32
L2WMLQ	2.86	-3.74X		0.02	-4.01X		0.10	-0.86		0.21	-1.72		0.91	-2.57	
LMZLTP	8.57	0.06	0.12	1.10	-0.47	0.00	0.40	1.49	0.00	0.50	-0.42		2.17	-0.85	0.56
NXBQYC	7.69	-0.53	0.00	1.82	1.90	3.81	0.46	1.93	1.70	1.26	2.97X	6.34	3.13	0.46	1.48
QDHBTL	9.41	0.62	0.23	1.33	0.28	0.27	0.18	-0.24	0.10	0.62	0.12	0.00	2.82	0.03	0.20
QRELHD	8.53	0.03	0.20	1.25	0.01	0.16	0.21	-0.01	0.20	0.61	0.06	0.47	2.85	0.08	0.15
RCLDZ6	9.66	0.78	1.00	1.39	0.49	0.39	0.32	0.86	0.14	0.70	0.46	0.07	3.37	0.78	0.38
TPPYZA	1.68	-4.52X		0.19	-3.45X		0.11	-0.80		0.16	-1.95		1.17	-2.21	
VF4VGC	9.59	0.74	0.27	1.37	0.42	0.00	0.23	0.17		0.67	0.34	0.23	3.02	0.31	0.10
ZY73X9	7.60	-0.59	2.24	0.89	-1.16	0.77	0.21	0.04	1.45	0.45	-0.62	1.66	2.50	-0.40	2.00



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups						Data units: mmolc/L
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	8.48	1.24	0.21	0.59	2.79	
Median Abs Dev	1.00	0.15	0.03	0.10	0.34	
Avg Within Lab SD	0.48	0.16	0.06	0.04	0.21	
Labs Included	20	20	19	21	21	
Labs Reporting	23	23	21	23	23	



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2C94Z3	1.50	-0.86	0.03										9.02	-0.98	0.14
3269HX	0.31	-1.08	0.05	0.06	-1.12	0.23	0.02	-1.32	0.00	0.05	0.44	1.16	0.06	-1.69	0.01
96268P	9.46	0.61	0.64	1.15	0.42	1.65	0.51	0.00	1.81	0.00	-0.59	0.02	25.85	0.36	0.42
AXWDNU	10.23	0.75	0.39	0.85	0.00	0.43	0.55	0.11	0.44				25.46	0.33	0.08
CRYUZT	12.53	1.18	0.34	1.40	0.77	0.71	0.79	0.77	0.70	0.03	0.00	0.93	29.78	0.68	0.32
L2WMLQ	1.16	-0.93		0.08	-1.08		0.08	-1.15		0.08	0.99		0.45	-1.66	
LMZLTP	9.89	0.69	0.44	1.06	0.28	0.23	0.57	0.16	0.36				25.10	0.30	0.26
PRHZ2F	7.12	0.18	0.89	0.87	0.03	1.21	0.55	0.10	0.19	0.11	1.66	1.89	18.19	-0.25	0.59
RCLDZ6	5.20	-0.18	0.27	0.03	-1.15	0.35	0.09	-1.12	1.19	0.01	-0.48	0.09	24.36	0.25	0.11
TPPYZA	2.71	-0.64		0.22	-0.88		0.03	-1.30		12.30	246.35X		12.28	-0.72	
VF4VGC	9.30	0.58	0.06	1.23	0.52	1.85	0.57	0.16	0.36				26.47	0.41	0.09
ZY73X9	3.92	-0.42	2.87	0.01	-1.18	0.69	0.05	-1.25	1.82	0.00	-0.56	0.46	15.47	-0.46	3.04

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	6.16			0.85			0.51			0.032			21.3		
Median Abs Dev	3.59			0.55			0.28			0.028			5.5		
Avg Within Lab SD	0.50			0.03			0.03			0.005			1.8		
Labs Included	12			11			11			7			12		
Labs Reporting	12			11			11			8			12		



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

Data units: mg/L

WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
8F8HX2	0.333	-0.96	0.41	0.050	-0.51	0.00	0.017	-0.49	0.15	0.037	-0.78	0.27	0.047	-0.58	0.45
8J3972	0.420	0.00	0.27												
8J397X	0.487	0.74	1.13												
96268P	0.500	0.89													
9NGE9Q	0.400	-0.22	0.27	0.053	-0.41	0.55	0.004	-0.77	0.02	0.030	-0.96	0.00	0.030	-0.99	0.00
A2KXJQ	0.330	-1.00	0.77	0.050	-0.51	0.95	0.020	-0.42	0.00	0.067	0.00	1.77	0.050	-0.49	0.77
CRYUZZ	0.386	-0.38	0.38	0.105	1.23	1.40	0.046	0.14	0.11	0.094	0.71	0.90	0.074	0.10	0.90
K9ZAZL	0.420	0.00													
KWRD7J	0.379	-0.45	0.31	0.087	0.66	0.72	0.040	0.01	0.22	0.065	-0.05	0.70	0.066	-0.10	1.11
L2WMLQ	0.356	-0.71		0.051	-0.48		0.031	-0.18		0.047	-0.51		0.045	-0.62	
PRHZ2F	0.351	-0.76	0.59	0.062	-0.12	0.92	0.091	1.13	0.67	0.080	0.36	0.58	0.160	2.27	2.55
QDHBTL	0.440	0.22	0.00	0.070	0.12	0.00	0.030	-0.20	0.00	0.063	-0.09	0.27	0.077	0.18	0.45
QRELHD	0.530	1.22	0.47	0.187	3.80X	0.55	0.120	1.76	0.45	0.133	1.74	0.27	0.123	1.34	0.45
RCLDZ6	0.548	1.41	2.78	0.120	1.68	2.24	0.168	2.79	3.04	0.139	1.89	2.43	0.229	3.98X	10.21
TPPYZA	0.152	-2.97X		0.058	-0.26		0.039	-0.01		0.052	-0.38		0.065	-0.12	
VF4VGC	0.527	1.18	0.16	0.090	0.75	0.00				0.080	0.35	0.00	0.090	0.51	0.00
ZY73X9	0.478	0.65	1.50	0.110	1.37	0.68	0.048	0.20	0.21	0.103	0.94	0.31	0.102	0.80	0.51

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

Data units: mg/L

	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410
Grand Median	0.42	0.066	0.039	0.067	0.070
Median Abs Dev	0.07	0.016	0.014	0.020	0.022
Avg Within Lab SD	0.04	0.010	0.038	0.021	0.013
Labs Included	16	12	12	13	12
Labs Reporting	17	13	12	13	13



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups															Data units: dS/m	
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6QCQP9	0.78	0.12	0.03	0.58	0.94	0.58	0.05	0.61	0.13	0.27	0.82	0.48	0.89	0.45	2.37	
7UQT2W	1.39	2.37	1.18	0.20	-2.55	0.80	0.06	1.14	2.24	0.14	-1.29	1.01	0.75	-0.08	0.70	
922UBP	1.24	1.80	2.46	0.33	-1.32	0.61	0.06	0.91	1.29	0.26	0.64	0.29	1.11	1.34	0.26	
96268P	1.23	1.78	2.56	0.31	-1.50	0.23	0.05	0.68	1.29	0.25	0.44		1.11	1.34	0.26	
A2KXJQ	0.74	-0.04	0.85	0.48	0.00	0.46	0.04	-0.02	1.29	0.18	-0.61	0.58	0.62	-0.60	0.60	
BAULWP	0.57	-0.68	0.25	0.56	0.81	0.10	0.04	-0.37	0.13	0.28	0.93	0.12	0.62	-0.60	0.20	
BDNWF2	0.85	0.36	0.08	0.53	0.49	0.12	0.05	0.70	0.12	0.31	1.32	0.08	1.03	1.01	0.06	
CRYUZT	0.83	0.28	0.19	0.56	0.73	0.52	0.06	0.86	0.59	0.29	1.10	0.29	1.03	1.02	0.07	
EBVTPR	0.66	-0.33	0.28	0.52	0.43	0.23	0.05	0.44	0.00	0.25	0.44		1.30	2.06	0.26	
GFTBQN	0.50	-0.92		0.40	-0.71	0.00	0.10	3.94	0.00	0.17	-0.87	2.90	0.50	-1.07		
GWYTKT	0.64	-0.41	0.48	0.44	-0.31	0.48	0.43	26.99X	5.12	0.18	-0.65	0.49	0.71	-0.23	1.19	
HVQVVH	0.89	0.52	0.09	0.61	1.20	0.29	0.03	-1.08	0.34	0.31	1.32	0.09	0.66	-0.44	0.07	
L4NLZP	0.62	-0.50	0.07	0.43	-0.42	0.62	0.05	0.13	0.18	0.18	-0.61	0.43	0.87	0.37	0.68	
LGX8DF	0.55	-0.75	1.46	0.49	0.09	2.56	0.03	-0.72	1.29	0.16	-1.02	0.58	0.66	-0.46	0.51	
LMZLTP	1.07	1.17	0.91	0.22	-2.39	2.19	0.04	-0.49	1.29	0.18	-0.66	0.87	0.94	0.66	2.74	
LP47WP	0.82	0.26	0.17	0.40	-0.73	0.11	0.04	-0.14	0.13	0.22	-0.03	0.03	0.77	0.00	0.02	
LVBNEQ	0.80	0.18	0.28	0.48	0.03	0.40	0.06	1.14	0.00	0.21	-0.24	0.29	0.88	0.42	0.17	
NXBQYC	0.60	-0.55	0.88	0.53	0.46	0.83	0.03	-0.68	0.19	0.18	-0.68	0.52	0.71	-0.24	0.48	
PRZ3XF	0.75	0.01	0.21	0.45	-0.21	0.20	0.04	0.07	0.63	0.21	-0.11	0.10	0.93	0.60	0.67	
QDXTU7	0.75	0.00	0.28	0.44	-0.31	0.23	0.04	-0.26	0.00	0.24	0.23	0.29	0.97	0.76	0.26	
QJFDMK	0.77	0.09	0.00	0.45	-0.25	0.00	0.04	-0.08	0.00	0.27	0.67	0.00	0.98	0.83	0.00	
RZTUJE	0.54	-0.76	1.29	0.51	0.28	2.81	0.03	-0.63	1.88	0.22	0.00	2.90	0.51	-1.02	1.58	
UC77JD	0.63	-0.45	0.16	0.53	0.52	0.23	0.06	1.14	0.00	0.26	0.59	0.00	0.53	-0.94	0.10	
VHWSB8	0.57	-0.66	0.28	0.45	-0.25	0.40	0.04	-0.49	1.29	0.17	-0.87	0.29	0.58	-0.77	0.35	
WHBJK9	6.45	20.97X	3.54	7.65	66.01X	1.59	6.24	432.68X	51.52	6.97	105.61X	1.33	6.56	22.74X	1.42	
Y4HQX7	1.48	2.67	0.33	0.50	0.21	0.69	0.04	-0.26	2.24	0.27	0.80	0.58	0.87	0.37	0.10	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
YLH377	0.74	-0.02	1.00	0.58	0.95	1.20	0.04	0.02	0.81	0.27	0.75	1.01	0.70	-0.27	0.51	
ZY73X9	0.61	-0.53	2.01	0.46	-0.12	1.42	0.04	-0.54	0.89	0.19	-0.52	1.74	0.71	-0.26	2.45	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	0.75			0.48			0.044			0.22			0.77			
Median Abs Dev	0.13			0.05			0.008			0.04			0.15			
Avg Within Lab SD	0.04			0.03			0.004			0.02			0.06			
Labs Included	27			27			26			27			27			
Labs Reporting	28			28			28			28			28			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43PQL3	0.82	0.60	0.23	0.22	-0.39	0.07	0.02	-0.56	0.16	0.13	-0.10	0.14	0.60	0.16	0.36	
62EWVU	0.72	0.12	0.00	0.20	-0.66	0.00	0.03	0.06	0.00	0.10	-0.88	0.00	0.29	-2.34	0.00	
8J397X	0.95	1.25	0.11	0.22	-0.46	0.10	0.04	0.79	0.70	0.14	-0.07	0.09	0.61	0.27	0.35	
922UBP	0.79	0.46	0.20	0.24	-0.23	0.50	0.03	0.00	0.00	0.16	0.64	0.52	0.60	0.18	0.79	
96268P	0.77	0.38	0.60	0.23	-0.34	0.50				0.16	0.55	0.00	0.60	0.18	0.79	
9NWBZQ	0.75	0.29	0.47	0.23	-0.31	0.28	0.03	-0.21	1.12	0.12	-0.42	0.48	0.54	-0.29	0.43	
BDNWF2	0.71	0.07	0.13	0.32	0.74	0.07	0.03	0.11	0.21	0.20	1.58	0.05	0.61	0.25	0.16	
CRYUZT	0.65	-0.21	0.24	0.32	0.71	0.31	0.04	0.82	3.81	0.17	0.93	1.12	0.58	0.00	0.29	
DRZ6EW	0.82	0.63	0.52	0.24	-0.15	0.12	0.02	-0.65	0.25	0.18	1.17	0.81	0.60	0.23	0.29	
ERFJNR	0.39	-1.44	1.06	0.27	0.18	0.50	0.02	-1.03	0.00	0.12	-0.48	0.91	0.40	-1.42	0.30	
F3NREN	0.86	0.79	1.12	0.24	-0.19	0.43	0.04	1.03	0.00	0.13	-0.31	1.39	0.58	0.04	0.52	
HBYR9P	0.52	-0.85	1.47	0.43	1.87	0.41	0.03	0.34	1.41	0.17	0.68	4.42	0.72	1.22	2.03	
JZWNPE	0.78	0.40	0.05	0.34	0.89	0.13	0.05	2.39	2.47	0.21	1.81	0.19	0.57	-0.06	0.08	
K9ZAZL	0.76	0.35	0.49	0.23	-0.25	0.24	0.03	-0.38	0.35	0.15	0.34	0.43	0.59	0.08	0.48	
KZQV3Q	0.75	0.30	0.32	0.26	0.00	0.30	0.02	-0.72	0.00	0.14	0.00	0.05	0.58	0.02	0.23	
L2WMLQ	0.32	-1.77		0.39	1.49		0.19	15.91X		0.17	0.81		0.79	1.81		
L8NXVN	0.45	-1.17	0.09	0.28	0.21	0.30	0.04	0.66	0.12	0.12	-0.61	0.24	0.49	-0.67	0.48	
LMZLTP	0.56	-0.62	0.53	0.14	-1.32	0.25	0.02	-1.03	0.00	0.09	-1.35	0.52	0.41	-1.36	2.60	
LP47WP	0.50	-0.91	0.11	0.25	-0.13	0.02	0.03	-0.51	0.00	0.14	0.01	0.00	0.44	-1.14	0.05	
MAAYEH	0.14	-2.64X	0.20	0.13	-1.36	0.25	0.15	12.31X	6.10	0.81	17.35X	2.62	0.15	-3.48X	0.30	
MNRZYE	0.47	-1.05	1.91	0.42	1.83	0.22	0.03	0.00	0.31	0.17	0.83	0.21	0.30	-2.28	0.32	
NXBQYC	0.43	-1.26	0.07	0.39	1.50	0.61	0.02	-1.03	1.02	0.13	-0.31	1.86	0.41	-1.34	2.04	
PDY9KL	0.61	-0.37	0.33	0.26	0.00	0.83	0.03	-0.33	0.52	0.12	-0.48	0.88	0.46	-0.94	2.22	
PR3FGH	0.41	-1.37	0.20	0.33	0.80	0.43	0.03	0.00	0.00	0.12	-0.48	0.00	0.42	-1.25	0.60	
PYJAFK	0.51	-0.86	1.78	0.27	0.16	0.22	0.06	3.42	1.41	0.15	0.30	0.29	0.07	-4.14X	0.08	
QAYCGC	0.66	-0.17	0.00	0.32	0.74	0.00	0.04	0.55	0.35	0.10	-1.05	0.42	0.57	-0.07	1.12	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QJFDMK	0.68	-0.07	0.02	0.27	0.15	0.00	0.02	-0.60	0.04	0.14	0.07	0.00	0.53	-0.34	0.03	
RFY6YK	0.82	0.64	0.19	0.21	-0.48	0.35	0.03	0.00	0.06	0.15	0.40	0.16	0.63	0.46	0.08	
U2TV8G	0.79	0.46	0.12	0.23	-0.30	0.16	0.03	0.38	0.93	0.13	-0.20	0.24	0.59	0.12	0.00	
W7WLF6	0.74	0.25	0.00	0.19	-0.74	0.00	0.02	-0.72	0.00	0.10	-0.98	0.00	0.57	-0.02	0.00	
XN8PNA	0.55	-0.68	0.02	0.20	-0.67	0.25	0.03	0.00	0.00	0.09	-1.26	0.00	0.63	0.48	0.30	
Z6UVYZ	0.45	-1.15	4.21	0.49	2.56	5.36	0.14	11.63X	7.04	0.25	2.81X	4.67	0.38	-1.58	2.34	
ZG2VH8	0.83	0.64	0.09	0.30	0.46	0.07	0.04	1.23	0.09	0.21	1.78	0.28	0.61	0.31	0.14	

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	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	0.69			0.26			0.030			0.14			0.58			
Median Abs Dev	0.13			0.04			0.006			0.02			0.04			
Avg Within Lab SD	0.03			0.02			0.002			0.01			0.02			
Labs Included	32			33			29			31			31			
Labs Reporting	33			33			32			33			33			



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2D4RD7	6.18	0.19	0.14	7.95	0.02	1.00	5.73	-0.20	0.35	7.22	0.51	0.23	6.34	-0.35	0.47	
2YHCA7	6.27	0.71	0.57	8.07	0.70	0.66	5.56	-1.07	0.29	7.14	0.11	0.62	6.60	1.76	0.76	
3269HX	6.13	-0.11	1.44	8.05	0.61	0.55	5.60	-0.84	0.08	7.02	-0.57	0.74	6.34	-0.32	1.06	
32JLV9	5.89	-1.48	1.79	8.15	1.19	1.35	5.83	0.27	0.61	7.33	1.13	0.93	6.27	-0.91	3.19	
43FCM9	6.34	1.08	0.87	8.16	1.25	0.78	5.92	0.71	0.42	7.15	0.13	0.51	6.59	1.63	0.72	
4L6ZL3	6.21	0.33	0.14	8.11	0.94	0.13	5.70	-0.35	0.08	7.18	0.31	0.00	6.39	0.08	0.14	
4NDY9W	6.07	-0.48	1.43	7.90	-0.30	0.00	5.67	-0.53	0.80	6.93	-1.04	1.17	6.20	-1.47	2.36	
62EWVU	6.23	0.44	0.29	7.96	0.08	0.66	5.74	-0.19	0.66	7.24	0.64	0.81	6.39	0.08	0.72	
6QCQP9	6.33	1.02	1.17	8.05	0.58	0.33	6.10	1.60	0.85	7.21	0.49	1.24	6.56	1.41	0.47	
79B96V	6.14	-0.08	0.14	7.95	-0.02	0.13	5.61	-0.81	0.14	6.99	-0.71	0.12	6.30	-0.64	0.14	
8J397X	6.07	-0.46	0.25	8.05	0.60	0.22	5.74	-0.15	0.85	7.17	0.25	0.40	6.41	0.21	0.47	
8PEAC3	6.24	0.54	0.38	8.18	1.37	0.57	5.61	-0.82	0.79	7.04	-0.47	0.91	6.47	0.69	0.24	
922UBP	5.90	-1.46	1.14	7.74	-1.23	0.13	5.94	0.79	0.21	6.81	-1.73	0.23	6.21	-1.36	0.98	
96268P	5.80	-2.04	1.79	7.74	-1.25	0.99	5.90	0.63	1.06	6.81	-1.69	0.82	6.22	-1.31	2.72	
9NWBZQ	6.14	-0.06	0.89	7.93	-0.12	1.35	5.85	0.38	0.77	7.09	-0.20	1.22	6.42	0.27	1.44	
A2KXJQ	6.26	0.66	1.89	7.93	-0.12	2.07	6.01	1.13	1.74	7.41	1.56	0.70	6.54	1.23	1.36	
APMB3T	6.25	0.58	0.25	7.74	-1.23	1.23	5.95	0.85	1.84	7.15	0.13	0.23	6.42	0.27	0.14	
BAULWP	6.14	-0.06	1.48	7.80	-0.89	0.70	5.69	-0.39	0.26	6.84	-1.52	0.73	6.47	0.65	0.90	
BDNWF2	6.09	-0.37	0.14	8.00	0.30	0.75	5.77	-0.02	0.00	7.17	0.24	0.23	6.43	0.37	0.24	
BYNV3Z	6.20	0.31	2.71	7.93	-0.12	1.72	5.40	-1.82	1.61	6.84	-1.56	0.42	6.08	-2.43	0.62	
CMENRL	6.10	-0.29	0.00	7.80	-0.90	2.17	5.80	0.12	1.39	7.07	-0.31	1.17	6.47	0.67	1.36	
CRYUZT	5.81	-1.97	0.74	7.68	-1.63	0.33	5.42	-1.72	0.35	6.76	-1.98	0.35	6.15	-1.89	0.49	
CWUNXU	6.06	-0.54	0.14	8.04	0.54	0.78	5.93	0.76	0.28	7.10	-0.11	0.42	6.40	0.11	0.14	
DREGAU	6.17	0.10	1.43	8.10	0.90	0.00	5.63	-0.69	0.80	7.17	0.24	1.17	6.20	-1.47	0.00	
ERFJNR	6.24	0.52	0.49	8.06	0.66	0.43	5.87	0.48	0.21	7.24	0.65	0.31	6.39	0.08	0.14	
EZN6MT	5.99	-0.94	0.57	7.93	-0.12	0.22	5.70	-0.37	0.24	7.07	-0.29	0.40	6.29	-0.77	0.14	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
F3NREN	6.35	1.18	2.57	7.54	-2.43	2.32	6.05	1.33	2.37	7.07	-0.29	1.58	6.46	0.64	1.30	
FKQJLJ	6.20	0.30	0.43	7.97	0.09	1.19	5.93	0.78	1.08	7.16	0.20	0.75	6.41	0.18	0.53	
GFTBQN	6.23	0.48	1.43	7.97	0.10	2.50	6.00	1.10		7.23	0.60	1.17	6.50	0.93		
GRMRFP	5.90	-1.45	0.00	8.10	0.90	0.00	5.60	-0.85	0.00	7.50	2.05		6.20	-1.47	0.00	
GWYTKT	6.20	0.31	0.14	8.05	0.62	1.09	5.91	0.68	1.55	7.07	-0.29	1.23	6.32	-0.48	1.65	
HBYR9P	6.22	0.40	0.86	7.69	-1.53	1.52	6.02	1.18	0.63	7.15	0.15	0.88	6.24	-1.15	0.85	
HUFT9J	6.25	0.58	1.73	8.20	1.47	0.82	5.86	0.42	0.28	7.33	1.11	1.22	6.31	-0.61	1.83	
HVQVVH	6.09	-0.34	0.17	7.86	-0.52	0.13	5.74	-0.18	0.41	7.03	-0.52	0.28	6.42	0.32	0.01	
K9ZAZL	6.10	-0.31	0.62	8.01	0.38	1.64	5.87	0.46	0.42	7.20	0.44	0.96	6.41	0.19	1.16	
KLAVDC	5.96	-1.10	2.61	7.79	-0.95	1.15	5.62	-0.76	0.48	6.97	-0.84	1.46	6.16	-1.81	1.42	
KUJEKP	6.13	-0.10	0.14	7.89	-0.36	0.22	5.71	-0.30	0.64	6.87	-1.36	0.23	6.37	-0.13	0.14	
KZQV3Q	5.94	-1.23	0.38	8.06	0.66	0.87	5.60	-0.87	0.98	6.97	-0.84	0.20	6.32	-0.53	0.14	
L4NLZP	6.10	-0.29	0.25	7.71	-1.43	0.57	6.29	2.53X	0.29	6.95	-0.94	0.73				
LGX8DF	6.16	0.04	0.14	7.95	0.02	0.55	5.40	-1.85	0.43	6.99	-0.73	0.35	6.38	-0.05	1.74	
LMZLTP	5.93	-1.25	1.92	7.78	-1.01	0.78	5.47	-1.49	3.26	6.88	-1.34	0.84	6.17	-1.73	0.36	
LP47WP	6.01	-0.81	0.25	7.77	-1.09	0.25	5.82	0.20	0.21	7.11	-0.05	0.47	6.39	0.05	0.24	
LVBNEQ	6.10	-0.29	0.00	7.90	-0.30	0.00	5.80	0.12	0.00	6.90	-1.22	0.00	6.40	0.13	0.00	
MBGDLN	6.04	-0.62	0.79	8.06	0.66	0.57	5.76	-0.07	0.37	7.20	0.40	0.91	6.38	-0.05	0.83	
MLDJEL	6.09	-0.33	0.75	7.43	-3.10X	0.22	5.80	0.12	0.28	7.15	0.13	0.31	6.25	-1.09	0.59	
MNRZYE	5.80	-2.02	0.00	7.80	-0.90	0.00	5.63	-0.69	2.13	6.83	-1.58	1.17	6.20	-1.47	0.00	
MPHXDD	6.15	0.00	0.49	7.95	0.00	0.43	5.58	-0.95	0.37	7.20	0.44	0.62	6.38	0.00	1.30	
ND4E4G	6.26	0.66	0.38	7.90	-0.32	0.55	6.24	2.27	0.28	7.36	1.29	0.40	6.49	0.85	0.47	
NXBQYC	6.19	0.23	0.25	8.09	0.82	0.63	5.70	-0.38	0.77	7.21	0.49	0.47	6.33	-0.43	0.62	
PRZ3XF	6.28	0.77	0.87	8.08	0.76	1.68	5.78	0.04	0.88	7.23	0.56	1.24	6.36	-0.21	0.54	
PYJAFK	6.00	-0.87		7.90	-0.30	0.00	5.67	-0.53	0.80	7.00	-0.67		6.23	-1.20	1.36	
QAYCGC	6.25	0.56	0.87	7.84	-0.68	2.17	5.78	0.02	0.14	7.12	0.00	2.24	6.33	-0.45	0.36	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QDXTU7	6.05	-0.58	0.00	8.04	0.52	0.45	5.69	-0.42	0.48	7.16	0.20	0.20	6.39	0.05	0.24	
QJFDMK	5.95	-1.16	0.00	7.90	-0.30	0.00	5.82	0.22	0.00	6.91	-1.16	0.00	6.26	-0.99	0.00	
RCLDZ6	6.30	0.87	0.00	7.90	-0.30	0.00	5.70	-0.37	0.00	7.10	-0.13	0.00	6.47	0.67	1.36	
RZTUJE	6.28	0.75	0.43	7.95	0.00	0.43	6.00	1.12	0.08	7.17	0.27	0.23	6.40	0.13	0.24	
U2TV8G	6.28	0.75	0.43	7.73	-1.31	0.78	5.55	-1.08	0.16	6.87	-1.38	0.54	6.69	2.46X	0.41	
UC77JD	6.30	0.87	0.00	8.10	0.90	0.00	5.70	-0.37	0.00	7.20	0.42	0.00	6.40	0.13	0.00	
UV3LXH	5.80	-2.02	0.25	7.92	-0.20	0.13	5.66	-0.56	1.05	7.00	-0.67	0.73	6.24	-1.15	0.47	
VHWSB8	6.30	0.87	0.00	8.20	1.49	0.00	5.87	0.45	0.80	7.20	0.42	0.00	6.40	0.13	0.00	
W7WLF6	6.22	0.42	0.57	8.11	0.95	0.57	5.89	0.56	1.69	7.14	0.11	0.12	6.36	-0.16	0.36	
WHBJK9	0.85	-30.64X	0.25	0.53	-44.26X	0.33	0.04	-27.99X	0.16	0.28	-37.28X	0.31	1.08	-42.43X	2.36	
Y4HQX7	6.09	-0.35	0.65	7.90	-0.32	2.05	6.08	1.49	3.01	7.00	-0.67	2.28	6.41	0.19	0.89	
Y7RQ3C	6.25	0.60	0.71	7.96	0.06	0.65	5.94	0.79	0.35	7.18	0.29	0.71	6.40	0.11	0.49	
YLH377	6.24	0.50	1.85	7.94	-0.06	1.21	5.80	0.12	0.97	7.09	-0.20	0.62	6.37	-0.13	1.53	
ZY73X9	6.29	0.79	0.38	8.09	0.84	0.99	5.83	0.28	0.93	7.28	0.85	4.45	6.39	0.03	0.68	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Grand Median	6.15			7.95			5.78			7.12			6.38		
Median Abs Dev	0.10			0.11			0.12			0.09			0.06			
Avg Within Lab SD	0.04			0.05			0.07			0.05			0.04			
Labs Included	65			64			64			65			63			
Labs Reporting	66			66			66			66			65			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
32JLV9	6.22	0.10	0.70	8.21	0.34	0.98	5.84	0.00	0.18	7.29	1.01	0.70	6.46	-0.32	0.14		
7UQT2W	6.10	-0.62	2.65	8.20	0.31	1.85	6.20	1.64	1.55	7.50	2.01	1.73	6.50	0.00	2.34		
8J397X	6.18	-0.14	0.70	8.16	0.22	0.56	5.84	0.02	0.31	7.25	0.85	0.26	6.54	0.30	0.23		
922UBP	6.05	-0.92	1.32	7.86	-0.55	0.65	5.67	-0.74	0.47	7.06	-0.07	0.65	6.45	-0.35	1.11		
96268P	5.85	-2.13	0.96	7.82	-0.66	1.23	5.72	-0.54	0.09	6.86	-0.98	1.06	6.39	-0.85	0.82		
AXWDNU	6.04	-0.98	0.46	7.98	-0.25	0.77	5.74	-0.42	0.24	7.08	0.05	0.20	6.33	-1.27	0.23		
BDNWF2	6.20	-0.02	0.00	8.19	0.29	0.37	5.82	-0.08	0.27	7.18	0.52	0.26	6.57	0.50	0.54		
BU9ME2	6.18	-0.14	0.00	8.13	0.13	0.67	5.70	-0.60	0.50	7.10	0.13	0.62	6.46	-0.27	0.27		
CRYUZT	5.96	-1.46	0.46	7.82	-0.66	0.28	5.53	-1.40	0.39	6.87	-0.93	0.10	6.26	-1.82	0.49		
CWUNXU	6.14	-0.37	1.43	8.07	-0.01	0.35	5.89	0.26	1.27	7.11	0.20	0.08	6.48	-0.13	1.01		
DRZ6EW	6.23	0.18	1.53	8.04	-0.09	0.75	6.01	0.78	1.42	7.38	1.43	1.11	6.53	0.25	1.15		
JZWNPE	6.21	0.06	0.40	7.56	-1.32	0.28	6.05	0.96	0.15	6.98	-0.43	0.35	6.35	-1.10	0.14		
K9ZAZL	6.18	-0.14	2.00	8.16	0.22	1.17	5.98	0.63	0.79	7.29	1.01	1.32	6.54	0.32	0.36		
KUJEKP	6.25	0.30	0.31	8.04	-0.10	0.49	5.84	0.00	0.50	7.03	-0.18	0.10	6.46	-0.27	0.27		
L2WMLQ	6.60	2.39		8.98	2.31		6.46	2.82		6.91	-0.76		6.85	2.62			
L8NXVN	6.37	0.99	1.53	8.37	0.74	1.07	5.80	-0.17	0.00	7.10	0.13	0.00	6.30	-1.50	2.34		
LMZLTP	6.01	-1.18	0.55	8.08	0.01	0.28	5.65	-0.86	2.06	7.04	-0.16	0.26	6.49	-0.07	0.94		
LP47WP	6.23	0.18	0.15	8.09	0.02	0.11	6.09	1.14	0.15	7.30	1.09	0.43	6.61	0.80	0.27		
ND3HTL	6.19	-0.08		7.76	-0.82		5.32	-2.33		6.82	-1.18		6.46	-0.30			
NXBQYC	6.30	0.58	0.53	8.35	0.70	0.92	5.84	0.00	0.62	7.34	1.25	0.26	6.52	0.17	0.49		
PDY9KL	6.20	0.00	0.94	8.10	0.06	0.68	7.25	6.40X	1.10	7.24	0.79	1.54	6.63	0.95	2.28		
PGYJGL	6.23	0.14	1.09	7.06	-2.60	3.04	6.71	3.95X	0.22	7.00	-0.35	3.30	5.73	-5.80X	2.73		
PR3FGH	6.44	1.45	0.31	6.95	-2.89	0.93	7.32	6.70X	0.77	6.97	-0.49	1.15	6.59	0.65	1.06		
QJFDMK	5.93	-1.65	0.00	7.94	-0.36	0.00	5.95	0.53	0.09	6.95	-0.57	0.00	6.36	-1.05	0.00		
RFGAGJ	6.16	-0.26	0.46	7.66	-1.08	1.07	5.95	0.51	2.86	6.96	-0.51	1.70	6.40	-0.72	0.14		
RFY6YK	6.31	0.64	1.15	8.21	0.35	1.68	5.99	0.71	1.01	7.17	0.46	0.35	6.54	0.27	0.14		



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TPPYZA	6.55	2.09		7.88	-0.51		5.75	-0.39		6.94	-0.62		6.72	1.65		
XN8PNA	6.31	0.64	0.70	8.27	0.48	0.28	5.88	0.20	0.97	7.28	0.99	0.36	6.56	0.47	1.35	
Z6UVYZ	6.27	0.38	0.31	8.18	0.27	0.11	5.79	-0.23	1.18	7.06	-0.05	0.46	6.57	0.50	0.68	
ZG2VH8	6.20	0.00	0.15	7.34	-1.90	0.18	5.89	0.26	0.09	6.86	-0.99	0.17	6.51	0.05	0.14	
pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	6.20			8.08			5.84			7.07			6.50			
Median Abs Dev	0.06			0.14			0.12			0.13			0.06			
Avg Within Lab SD	0.04			0.05			0.06			0.06			0.04			
Labs Included	30			30			27			30			29			
Labs Reporting	30			30			30			30			30			



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2D4RD7	5.90	0.69	0.25	7.68	0.99	0.23	4.86	-0.05	1.08	6.63	0.92	0.37	6.17	1.37	0.52	
2YHCA7	5.84	-0.08	0.25	7.61	0.46	0.53	4.87	-0.03	0.56	6.60	0.56	0.14	6.12	-0.11	0.20	
32JLV9	5.69	-1.73	2.97	7.46	-0.65	2.38	4.51	-0.78	1.42	6.50	-0.43	1.82	5.06	-36.55X	4.65	
4L6ZL3	5.85	0.04	0.10	7.61	0.48	0.12	4.95	0.15	0.16	6.55	0.07	0.14	6.13	0.23	0.20	
922UBP	5.67	-1.96	0.96	7.35	-1.40	0.83	6.55	3.50	0.62	6.43	-1.08	1.26	6.09	-1.25	0.59	
96268P	5.62	-2.58	0.44	7.31	-1.74	0.64	6.58	3.56	2.15	6.34	-1.93	0.85	6.08	-1.71	2.90	
CRYUZT	5.78	-0.69	0.42	7.48	-0.51	0.12	4.87	-0.03	0.41	6.61	0.69	0.64	6.13	0.23	0.52	
DREGAU	5.83	-0.12	0.96	7.57	0.14	1.15	4.77	-0.24	1.55	6.47	-0.72	1.40	6.10	-0.91	0.00	
EBVTPR	5.85	0.12	0.82	7.33	-1.59	0.30	5.25	0.78	1.02	6.45	-0.88	0.64	6.30	5.92X	1.56	
ERFJNR	5.88	0.42	0.29	7.57	0.19	0.61	4.93	0.11	0.41	6.54	0.00	0.64	6.16	1.14	0.59	
HUFT9J	5.84	0.00	1.39	7.61	0.46	1.20	4.86	-0.05	0.81	6.67	1.28	1.46	6.14	0.57	1.42	
MAAYEH	4.83	-11.66X	0.53	6.23	-9.56X	0.12	5.49	1.27	1.02	7.06	5.08X	0.14	7.12	33.93X	0.34	
MPHXDD	5.83	-0.15	0.17	7.55	0.00	0.81	4.84	-0.08	0.41	6.58	0.43	0.85	6.12	-0.34	0.20	
NXBQYC	5.90	0.65	0.99	7.60	0.41	1.00	4.90	0.03	1.21	6.54	0.00	0.97	6.15	0.80	0.68	
QAYCGC	5.88	0.38	0.25	7.40	-1.06	1.63	4.86	-0.05	0.27	6.44	-0.98	1.21	6.12	-0.11	0.71	
YLH377	5.89	0.50	0.25	7.54	-0.02	0.61	4.93	0.10	0.54	6.52	-0.16	0.85	6.13	0.00	0.52	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	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	5.84			7.55			4.88			6.54			6.13			
Median Abs Dev	0.04			0.07			0.05			0.07			0.02			
Avg Within Lab SD	0.06			0.05			0.04			0.04			0.03			
Labs Included	15			15			16			15			13			
Labs Reporting	16			16			16			16			16			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2K2EBX	5.90	0.68	0.00	7.70	0.69	0.00	4.90	0.00	0.00	6.60	0.39	0.00	6.10	-0.48	0.00	
4VRYD9	5.70	-1.05	2.03	7.35	-0.89	1.63	5.08	1.58	0.70	6.40	-0.96	0.72	6.00	-1.38	0.41	
8J397X	5.84	0.14	0.86	7.69	0.63	0.58	4.83	-0.59	0.33	6.61	0.46	0.20	6.18	0.24	0.31	
922UBP	5.75	-0.60	0.28	7.38	-0.75	1.16	5.16	2.32	0.37	6.44	-0.71	0.35	6.10	-0.45	0.25	
96268P	5.66	-1.37	0.28	7.27	-1.25	0.84	5.06	1.40	0.98	6.36	-1.29	1.65	6.21	0.54	0.25	
CRYUZZ	5.89	0.60	0.56	7.55	0.00	0.35	4.90	0.00	0.22	6.68	0.92	0.51	6.17	0.18	0.14	
CWUNXU	5.89	0.64	1.69	7.57	0.09	1.14	4.91	0.05	0.69	6.64	0.70	0.23	6.25	0.83	1.15	
FKQJLJ	5.78	-0.34	1.37	7.47	-0.37	0.66	4.85	-0.45	1.04	6.48	-0.47	1.25	6.08	-0.63	0.11	
K9ZAZL	5.90	0.65	0.43	7.60	0.26	0.75	4.89	-0.12	2.21	6.66	0.80	1.28	6.07	-0.72	3.13	
KZQV3Q	5.82	0.00	0.28	7.62	0.35	0.13	4.85	-0.45	0.00	6.53	-0.07	0.43	6.15	0.00	0.07	
LMZLTP	5.62	-1.68	0.16	7.35	-0.87	0.35	4.72	-1.61	0.22	6.54	0.00	0.31	5.92	-2.10	0.12	
XN8PNA	5.89	0.57	0.16	7.78	1.05	0.00	4.92	0.21	0.33	6.72	1.24	0.51	6.24	0.78	0.21	
Y4HQX7	5.77	-0.46	1.62	7.20	-1.57	2.32	4.90	0.00	2.16	6.43	-0.76	2.36	6.20	0.42	1.19	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	5.82			7.55			4.90			6.54			6.15			
Median Abs Dev	0.07			0.15			0.05			0.10			0.06			
Avg Within Lab SD	0.04			0.04			0.05			0.05			0.08			
Labs Included	13			13			13			13			13			
Labs Reporting	13			13			13			13			13			



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pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit				
														SRS2410				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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
ND3HTL	5.83			7.22			4.99			6.24			6.09					
TPPYZA	5.93			7.34			5.13			6.32			6.10					
U2TV8G	5.43		0.33	7.02		0.63	4.63		0.35	6.08		0.48	5.88					0.15
ZY73X9	5.70		1.38	7.12		1.26	4.67		1.37	6.33		1.33	6.01					1.41
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit				
														SRS2410				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	5.77			7.17			4.83			6.28			6.05					
Median Abs Dev																		
Avg Within Lab SD	0.05			0.06			0.03			0.06			0.12					
Labs Included	4			4			4			4			4					
Labs Reporting	4			4			4			4			4					



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2406				SRS2407				SRS2408			SRS2409			SRS2410		
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	
DRZ6EW	0.39		0.88	0.16		0.70	0.01		1.42	0.11		1.09	0.26		0.46	
KLAVDC	0.36		0.76	0.15		0.00	0.01		0.00	0.09		0.00	0.25		0.70	
RFGAGJ	0.37		1.59	0.15		1.56	0.03		1.00	0.08		1.66	0.26		1.78	
X847WD	0.37		0.33	0.14		1.04	0.01		1.00	0.08		0.23	0.25		0.35	
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2406				SRS2407				SRS2408			SRS2409			SRS2410		
Grand Median	0.37			0.15			0.013			0.087			0.25			
Median Abs Dev																
Avg Within Lab SD	0.01			0.00			0.001			0.003			0.01			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8F8HX2	6.07	-0.55	2.43	7.34	-1.34	0.68	6.48	-0.93	0.72	6.96	-1.42	1.21	6.98	-1.61	1.14	
96268P	6.06	-0.58	0.43	7.44	0.36	0.81	6.56	0.23	0.21	7.08	-0.04	0.44	7.11	0.11	0.27	
A2KXJQ	6.26	0.17	0.33	7.45	0.59	0.85	6.64	1.30	1.84	7.14	0.67	1.72	7.16	0.73	1.53	
APMB3T	6.32	0.39	0.43	7.36	-0.87	0.74	6.22	-4.49X	0.36	7.05	-0.32	0.16	6.96	-1.92	0.16	
ERFJNR	6.62	1.52	0.25	7.40	-0.25	0.64	6.64	1.34	0.21	7.18	1.22	0.33	7.13	0.33	0.41	
KZQV3Q	6.17	-0.17	0.64	7.44	0.36	1.03	6.54	0.00	0.43	7.08	0.04	0.33	7.09	-0.11	0.56	
QAYCGC	6.64	1.58	1.07	7.43	0.25	0.85	6.52	-0.32	1.35	7.14	0.75	1.46	7.11	0.11	1.17	
QDHBTL										6.64	-5.16X	0.16				
Y4HQX7	6.10	-0.44	0.00	7.33	-1.37	1.85	6.50	-0.60		7.00	-0.95		7.07	-0.46	1.55	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	6.22			7.42			6.54			7.08			7.10			
Median Abs Dev	0.13			0.03			0.04			0.06			0.03			
Avg Within Lab SD	0.05			0.03			0.05			0.04			0.04			
Labs Included	8			8			7			8			8			
Labs Reporting	8			8			8			9			8			



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2D4RD7	6.69	0.25	0.14	7.47	0.69	0.36	6.67	0.02	0.66	7.23	0.53	0.00	7.26	0.78	0.17	
3269HX	6.56	-0.41	0.86	7.47	0.73	1.52	6.62	-0.46	1.88	7.24	0.66	1.28	7.16	-0.69	1.49	
43FCM9	6.69	0.25	0.29	7.46	0.50	1.07	6.71	0.40	1.06	7.16	-0.10	0.17	7.25	0.64	0.75	
4L6ZL3	6.70	0.28	0.08	7.43	0.00	0.21	6.87	1.92	0.15	7.21	0.38	0.17	7.19	-0.21	0.17	
4NDY9W	6.40	-1.19	0.00	7.43	0.00	2.05	6.37	-2.91X	4.01	6.67	-4.81X	4.56	7.13	-1.06	3.43	
62EWVU	6.78	0.68	0.74	7.46	0.44	2.08	6.77	0.97	0.55	7.32	1.39	2.37	7.22	0.16	0.30	
79B96V	6.70	0.30	0.14	7.42	-0.19	0.21	6.67	-0.05	0.15	7.23	0.53	0.00	7.17	-0.59	0.17	
9NWBZQ	6.73	0.46	0.79	7.46	0.56	1.14	6.64	-0.33	1.97	7.26	0.79	0.34	7.32	1.53	0.17	
BAULWP	6.70	0.31	0.17	7.49	1.06	0.00	6.75	0.78	0.15	7.25	0.69	0.17	7.27	0.82	0.17	
BYNV3Z	6.83	0.93	4.79	7.42	-0.19	0.21	6.73	0.56	1.46	7.16	-0.13	0.30	7.25	0.59	2.36	
ERFJNR	6.68	0.18	0.22	7.48	0.93	1.03	6.67	-0.02	0.26	7.16	-0.13	0.60	7.18	-0.40	0.30	
FKQJLJ	6.60	-0.20	0.65	7.43	0.00	0.64	6.59	-0.79	1.60	7.19	0.16	0.45	7.19	-0.32	1.01	
GFTBQN	6.60	-0.20	0.00	7.30	-2.49	0.00	6.60	-0.68	0.00	7.10	-0.70	0.00	7.10	-1.53	0.00	
GWYTKT	6.62	-0.12	0.41	7.47	0.62	1.48	6.74	0.62	1.06	7.16	-0.10	1.21	7.20	-0.16	0.75	
L4NLZP	6.73	0.45	0.14	7.41	-0.37	1.09	6.80	1.26	0.15	7.24	0.66	0.34	7.23	0.31	0.30	
MLDJEL	6.34	-1.49	0.29	7.00	-8.10X		6.51	-1.54	0.79	7.00	-1.65		7.00	-2.95X		
MNRZYE	6.20	-2.19	0.00	7.30	-2.49	0.00	6.67	-0.05	1.52	7.00	-1.65		7.10	-1.53	0.00	
NXBQYC	6.55	-0.45	0.43	7.43	-0.06	0.36	6.59	-0.75	1.32	7.06	-1.08	2.60	7.17	-0.59	1.37	
PRHZ2F	6.24	-2.00	0.02	7.38	-1.01	0.28	6.81	1.30	1.26	7.07	-0.94	0.25	7.22	0.22	0.09	
PRZ3XF	6.60	-0.18	0.79	7.38	-0.93	1.44	6.62	-0.46	1.24	7.10	-0.73	1.99	7.18	-0.35	1.20	
QDXTU7	6.23	-2.04	0.00	7.43	-0.12	0.21	6.74	0.65	0.00	7.11	-0.60	0.00	7.21	0.02	0.00	
RCLDZ6	6.70	0.30	0.00	7.47	0.62	2.05	7.07	3.77X	1.52	7.37	1.83	1.72	7.30	1.30	0.00	
RZTUJE	6.64	0.00	0.66	7.43	-0.12	0.54	6.63	-0.43	0.61	7.19	0.12	0.34	7.21	-0.02	0.45	
U2TV8G	6.46	-0.89	0.14	7.41	-0.44	0.00	6.63	-0.37	1.18	7.13	-0.45	0.17	7.16	-0.64	0.17	
UQAG4E	6.34	-1.51	0.07	7.50	1.22	0.33	6.82	1.42	0.46	7.18	0.10	0.34	7.31	1.42	0.34	
VHWSB8	6.81	0.84	0.14	7.51	1.50	0.82	6.81	1.32	0.45	7.31	1.29	0.52	7.32	1.53	0.45	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410			
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	
W7WLF6	6.66	0.12	0.08	7.42	-0.25	0.00	6.71	0.37	0.26	7.16	-0.13	0.00	7.22	0.12	0.17	
ZY73X9							6.67	-0.05	0.84							
Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	6.64			7.43			6.67			7.17			7.21			
Median Abs Dev	0.08			0.03			0.06			0.07			0.04			
Avg Within Lab SD	0.07			0.03			0.04			0.03			0.03			
Labs Included	27			26			26			26			26			
Labs Reporting	27			27			28			27			27			



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Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

												SRS2410				
SRS2406				SRS2407				SRS2408				SRS2409				
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	
ZY73X9							6.53		1.00							

Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

												SRS2410			
SRS2406				SRS2407				SRS2408				SRS2409			
Grand Median							6.53								
Median Abs Dev															
Avg Within Lab SD		0.00		0.00		0.07		0.00		0.00					
Labs Included		0		0		1		0		0					
Labs Reporting		0		0		1		0		0					



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HBYR9P	7.31	0.03	1.57	7.67	0.00	0.53	7.47	-0.04	1.63	7.68	0.96	0.62	7.71	0.00	0.68
QAYCGC	7.31	0.00	1.47	7.60	-1.12	2.16	7.48	0.00	0.81	7.60	-1.45	2.04	7.68	-0.60	2.04
QDXTU7	7.11	-1.53	0.45	7.74	1.02	0.00	7.59	1.36	0.61	7.67	0.67	0.00	7.78	1.14	0.19
RFY6YK	7.13	-1.40	0.30	7.72	0.72	0.25	7.58	1.32	1.11	7.64	-0.29	0.41	7.79	1.39	0.57
W7WLF6	7.36	0.42	0.30	7.64	-0.51	0.00	7.42	-0.66	0.31	7.65	0.00	0.55	7.70	-0.24	0.00

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	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	7.31			7.67			7.48			7.65			7.71		
Median Abs Dev	0.05			0.05			0.05			0.02			0.03		
Avg Within Lab SD	0.03			0.04			0.02			0.03			0.03		
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
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	
LGX8DF	6.57		0.69	7.33		0.69	6.53		1.18	6.95		0.25	6.92		0.83	
NXBQYC	6.41		1.24	7.22		1.06	6.23		0.80	7.01		0.44	6.87		1.05	
QAYCGC	6.58		0.95	7.19		1.24	6.50		1.02	6.93		1.40	6.87		1.05	
YLH377	6.49		1.04	7.27		0.92	6.41		0.97	6.95		1.33	6.89		1.05	
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	6.53			7.25			6.45			6.95			6.88			
Median Abs Dev																
Avg Within Lab SD	0.03			0.04			0.03			0.02			0.02			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9NWBZQ	6.18	0.90	0.52	6.88		0.59	6.17	0.89	0.78	6.54		0.00	6.50	0.62	0.68
F3NREN	6.05	0.27	1.79				6.05	-0.05	1.88				6.45	0.00	1.05
MAAYEH	5.77	-1.16	0.72	6.39		0.89	6.28	1.73	0.31	6.54		1.73	6.57	1.55	1.81
PYJAFK	6.00	0.00		6.77		1.69	5.97	-0.71	0.87	6.50			6.40	-0.71	0.00
QDXTU7	5.79	-1.05	0.00	6.87		0.00	6.06	0.00	0.09	6.46		0.00	6.42	-0.49	0.40
TPPYZA	2.50	-17.44X		2.50		X	2.50	-27.89X		2.50		X	2.50	-52.63X	

Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Grand Median	6.00			6.82			6.06			6.52			6.45	
Median Abs Dev	0.18						0.09						0.05		
Avg Within Lab SD	0.06			0.03			0.07			0.02			0.01		
Labs Included	5			4			5			4			5		
Labs Reporting	6			5			6			5			6		



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

Data units: mg/kg

WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	45.97	-1.11	0.96	9.28	-0.01	3.72	4.54	2.06	4.01	2.13	1.93	4.32	112.00	-0.36	3.13
43FCM9	42.80	-1.22	0.13	8.87	-0.33	0.47	3.00	0.23	0.31	0.50	-0.21		119.83	0.28	0.42
4NDY9W	33.70	-1.53	0.13	6.63	-2.05	0.38	2.60	-0.25	0.31				78.17	-3.13X	0.27
62EWVU	84.42	0.21	0.12	9.55	0.20	1.22	3.39	0.69	1.03	3.99	4.37X	0.06	115.60	-0.07	0.18
6JDA6V	47.07	-1.07	0.33	11.60	1.78	0.33	8.30	6.52X	1.06	1.73	1.41	1.27	123.53	0.58	0.16
79B96V	44.07	-1.18	0.04	8.95	-0.26	0.08	3.54	0.87	0.03	1.44	1.03	0.17	120.75	0.35	0.64
7UQT2W	88.80	0.37	0.27	8.40	-0.69	0.49	2.77	-0.05	0.64	1.23	0.76	0.51	109.00	-0.61	0.25
8F8HX2	102.47	0.84	2.59	9.70	0.32	1.23	2.89	0.10	0.72	0.14	-0.68	0.10	121.77	0.43	1.44
8PEAC3	95.12	0.58	3.27	9.55	0.20	0.67	2.43	-0.45	0.22				109.61	-0.56	2.52
9NGE9Q	86.57	0.29	0.20	9.30	0.01	0.60	2.91	0.12	0.14	0.45	-0.27	0.17	107.95	-0.69	1.74
A2KXJQ	84.53	0.22	0.36	9.17	-0.10	0.52	3.60	0.94	0.61	0.73	0.10	0.51	117.80	0.11	1.37
BAULWP	45.57	-1.12	0.12	11.03	1.35	0.34	5.23	2.88X	1.16	2.67	2.63	0.51	126.87	0.85	0.03
BYNV3Z	40.13	-1.31	0.45	8.77	-0.40	0.51	3.87	1.26	1.01	1.36	0.93	2.84	109.00	-0.61	0.18
EBVTPR	76.80	-0.05	0.70	9.97	0.52	0.68	2.07	-0.88	0.18	0.07	-0.77	0.03	87.77	-2.34	0.26
ERFJNR	92.23	0.48	0.23	9.30	0.01	1.14	3.43	0.74	0.47	0.93	0.36	0.51	112.43	-0.33	0.21
F3NREN	99.45	0.73	0.35	8.35	-0.73	0.33	2.78	-0.03	0.23	0.52	-0.18	0.10	119.75	0.27	0.89
FKQJLJ	90.50	0.42	0.57	7.96	-1.03	0.68	1.91	-1.07	0.35				120.67	0.34	0.27
GWYTKT	44.30	-1.17	0.47	9.08	-0.16	1.11	2.85	0.05	0.96	0.30	-0.47	0.00	102.47	-1.14	0.32
H28HEL	75.10	-0.11		7.70	-1.23		1.30	-1.79					107.20	-0.76	
HBYR9P	61.33	-0.58	0.87	9.44	0.11	1.26	3.46	0.77	1.73	0.41	-0.32	1.31	129.76	1.09	0.33
HVQVVH	85.38	0.25	0.28	9.88	0.46	0.68	2.78	-0.04	0.16	0.60	-0.07	0.14	111.25	-0.42	0.00
JEG4TD	82.44	0.15	1.05	7.37	-1.48	0.78	2.23	-0.69	0.65	0.71	0.07	0.47	107.00	-0.77	0.48
JZWNPE	80.43	0.08	0.16	10.30	0.78	0.05	2.13	-0.80	0.01	0.24	-0.55	0.01	120.52	0.33	0.05
K9ZAZ2	88.77	0.36	1.42	8.50	-0.61	1.66	2.47	-0.41	0.47				107.00	-0.77	1.00
K9ZAZL	80.87	0.09	0.65	8.93	-0.28	1.48	2.30	-0.60	0.31				110.67	-0.47	0.10
KWRD7J	47.90	-1.04	1.31	9.71	0.32	0.13	2.98	0.20	0.87	0.44	-0.29	0.59	123.75	0.60	0.46



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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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KZQV3Q	89.82	0.40	0.36	9.19	-0.07	0.09	2.42	-0.46	0.12	0.08	-0.75	0.05	117.40	0.08	0.16
L4NLZP	49.87	-0.98	0.54	9.79	0.39	0.55	3.10	0.35	0.39	0.56	-0.13	0.65	95.53	-1.71	0.26
LGX8DF	44.33	-1.17	0.06	11.47	1.68	0.25	3.93	1.34	0.77	0.33	-0.42	0.19	134.97	1.51	0.20
LVBNEQ	100.00	0.75	0.26	10.67	1.06	0.34	2.83	0.03	0.18	1.00	0.45		117.67	0.10	0.27
MNRZYE	72.40	-0.20	0.62	7.93	-1.05	0.34	2.07	-0.88	0.18	1.00	0.45		95.87	-1.68	0.40
ND3HTL	102.95	0.85		9.02	-0.21		2.24	-0.67		2.05	1.83		108.85	-0.62	
NXBQYC	57.86	-0.70	0.40	11.26	1.52	1.30	3.35	0.64	0.71	0.35	-0.40	0.89	135.40	1.55	2.63
PDY9KL	90.24	0.42	0.37	9.42	0.10	0.31	2.52	-0.35	0.48	0.37	-0.37	0.06	121.27	0.39	0.55
PR3FGH	92.18	0.48	1.40	8.70	-0.45	0.09	1.42	-1.65	0.12	0.35	-0.40	0.00	119.97	0.29	0.46
PRZ3XF	79.25	0.04	0.90	10.03	0.57	0.18	3.26	0.53	0.52	0.99	0.44	1.04	116.62	0.01	0.32
PYJAFK	92.31	0.49	0.72	10.77	1.14	0.68	3.63	0.98	1.85	1.17	0.67	0.70	123.83	0.60	0.29
QAYCGC	73.39	-0.17	0.00	7.93	-1.05	0.07	2.61	-0.24	0.28	0.98	0.43	0.00	96.78	-1.61	0.23
QDHBTL	90.77	0.43	0.12	8.17	-0.87	0.09	2.27	-0.64	0.35	1.00	0.45		115.00	-0.12	0.18
QDXTU7	88.47	0.35	0.24	8.57	-0.56	0.09	2.40	-0.48	0.31	0.10	-0.73	0.00	114.27	-0.18	0.15
RCLDZ6	49.00	-1.01	0.26	10.83	1.19	0.47	2.75	-0.07	0.77	0.50	-0.21		111.00	-0.44	0.36
RFGAGJ	39.10	-1.35	0.61	3.40	-4.55X	1.51	1.57	-1.47	1.41	1.69	1.36	0.52	87.51	-2.36	0.57
RFY6YK	93.05	0.51	0.43	9.16	-0.10	0.40	2.33	-0.57	0.14	0.24	-0.54	0.47	108.37	-0.66	0.08
RZTUJE	44.84	-1.15	0.10	10.38	0.84	0.06	4.20	1.65	0.41	1.51	1.12	0.47	126.90	0.85	0.05
TPPYZA	111.17	1.14		7.60	-1.30		1.94	-1.03		0.75	0.13		64.56	-4.24X	
UC77JD	42.87	-1.22	0.15	8.13	-0.89	0.34	2.53	-0.33	0.47	0.10	-0.73	0.00	124.77	0.68	0.24
VHWSB8	40.33	-1.30	0.15	8.50	-0.61		3.00	0.23		0.50	-0.21		128.33	0.97	0.27
W7WLF6	44.38	-1.16	0.36	8.60	-0.53	0.45	3.84	1.22	0.29	2.13	1.94	0.49	116.27	-0.01	0.08
WHBJK9	94.71	0.57	1.02	11.45	1.67	3.08	4.00	1.41	3.07	1.00	0.45		120.00	0.29	0.78
Y4HQX7	93.57	0.53	0.38	20.30	8.50X	8.11	2.77	-0.05	0.35	0.50	-0.21		124.90	0.69	0.76
YLH377	56.50	-0.75	0.38	10.63	1.04	1.32	4.39	1.87	0.41	2.06	1.84	0.66	108.67	-0.64	1.08
Z6UVYZ	57.44	-0.71	4.22	9.42	0.10	1.70	3.09	0.34	1.99	3.23	3.38X	3.99	118.84	0.20	3.53



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410			
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	
ZG2VH8	77.12	-0.04	0.14	10.04	0.58	0.07	2.97	0.19	0.05	1.36	0.92	0.01	115.15	-0.11	0.10	
ZY73X9	49.03	-1.00	0.44	9.42	0.10	0.41	3.07	0.31	0.36	0.31	-0.45	0.08	135.87	1.59	0.05	
NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	78.2			9.29			2.81			0.66			116.4			
Median Abs Dev	16.9			0.73			0.49			0.34			7.2			
Avg Within Lab SD	3.9			0.61			0.33			0.30			5.6			
Labs Included	54			52			52			46			52			
Labs Reporting	54			54			54			48			54			



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410		
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
7Y72PW	82.3	0.41	1.59	10.0	-0.38	1.71	3.0	0.00	1.71	2.3		1.38	105.0	0.00	1.59
96268P	73.5	-0.18	0.93	7.2	-1.41	0.32							103.1	-0.81	1.01
GFTBQN	61.7	-0.98	0.14	49.3	14.15X	3.57	4.0	0.72		4.0			144.0	16.23X	
L8NXVN	71.0	-0.35	1.09	13.3	0.85	0.99	1.3	-1.20	0.99	2.0			106.3	0.55	0.49
QRELHD	79.0	0.18	0.65	11.0	0.00	0.79	1.4	-1.18	0.20	1.3		0.30	104.2	-0.35	0.46
UQAG4E	105.0	1.93		13.0	0.73	0.59	3.4	0.26	0.20				109.0	1.66	
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	76.3			11.0			3.00			2.17			105.0		
Median Abs Dev	5.7			2.0			1.00						1.3		
Avg Within Lab SD	4.0			0.6			0.58			0.84			3.1		
Labs Included	6			5			5			4			5		
Labs Reporting	6			6			5			4			6		



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS2410		
SRS2406				SRS2407			SRS2408			SRS2409					
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
733YM2	98.99		0.49	8.53		1.40	3.03		0.37	3.35		1.41	122.72		0.98
PRHZ2F	98.90		1.32	10.41		0.22	2.66		1.37	0.27		0.02	119.91		1.02
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS2410		
SRS2406				SRS2407			SRS2408			SRS2409					
Grand Median	98.9			9.47			2.84			1.81			121.3		
Median Abs Dev															
Avg Within Lab SD	1.6			0.79			0.15			2.38			2.3		
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		
SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
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
96268P	84.84		1.00	7.25		1.00	1.51		1.00				104.34		1.00

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	84.8			7.25			1.51						104.3		
Median Abs Dev															
Avg Within Lab SD	0.6			0.19			0.04			0.00			0.6		
Labs Included	1			1			1			0			1		
Labs Reporting	1			1			1			0			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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	69.02	0.43	1.47	9.46	2.31	1.21	8.12	1.87	0.72	7.35	2.18	1.22	20.93	1.09	0.51	
3269HX	39.43	-0.90	0.31	6.40	-0.08	0.75	7.11	1.07	2.34	4.28	-0.09	0.36	19.17	0.49	2.55	
43FCM9	30.97	-1.27	0.36	5.83	-0.52	0.14	6.03	0.21	0.16	3.33	-0.79	0.18	17.27	-0.16	0.22	
62EWVU	64.07	0.21	0.12	6.44	-0.05	0.70	6.00	0.18	2.39	4.68	0.20	1.54	18.19	0.15	2.05	
79B96V	34.65	-1.11	0.20	6.65	0.12	0.54	5.76	-0.01	0.24	3.18	-0.90	0.18	17.42	-0.11	0.32	
7UQT2W	71.07	0.52	0.41	7.47	0.75	0.86	5.80	0.03	0.73	4.50	0.07	0.62	14.53	-1.09	0.51	
8F8HX2	72.70	0.59	1.08	7.57	0.83	0.91	6.20	0.34	1.73	4.66	0.19	1.77	20.73	1.02	0.44	
8PEAC3	74.10	0.66	2.11	6.55	0.04	0.36	5.41	-0.29	0.22	4.52	0.08	0.85	17.63	-0.04	0.38	
96268P	67.41	0.36	0.24	6.24	-0.21	0.11	5.96	0.15	0.14	4.66	0.19	0.53	16.88	-0.29	0.45	
BAULWP	33.24	-1.17	0.32	6.45	-0.04	0.30	6.50	0.58	0.63	3.42	-0.73	0.46	19.80	0.70	0.52	
EBVTPR	59.65	0.01	0.55	4.81	-1.32	0.50	5.75	-0.02	0.25	4.40	0.00	0.24	16.54	-0.41	0.20	
ERFJNR	79.40	0.89	0.43	7.45	0.74	1.35	7.90	1.69	1.11	6.50	1.55	0.93	19.60	0.64	1.45	
EZ9RAH	75.30	0.71	0.00	8.76	1.76	0.00	7.36	1.26	0.00	6.44	1.50	0.00	17.40	-0.11	0.00	
F3NREN	76.58	0.77	1.46	6.33	-0.13	0.99	5.12	-0.51	0.78	4.08	-0.24	0.51	17.40	-0.11	1.99	
HBYR9P	49.99	-0.42	2.86	11.17	3.64X	4.83	13.45	6.10X	6.43	9.68	3.90X	7.27	28.25	3.58X	4.90	
HVQVVH	68.90	0.42	1.05	12.64	4.79X	1.86	4.78	-0.78	1.72	2.69	-1.26	2.02	15.70	-0.69	0.50	
JEG4TD	48.98	-0.47	1.40	4.05	-1.91	0.39	4.19	-1.25	0.24	3.42	-0.73	0.23	11.59	-2.09	0.51	
JZWNPE	38.91	-0.92	0.22	6.74	0.19	0.08	5.56	-0.17	0.07	2.85	-1.14	0.11	17.12	-0.21	0.37	
KZQV3Q	67.34	0.35	0.62	5.69	-0.63	0.07	4.84	-0.73	0.29	4.44	0.03	0.42	17.74	0.00	0.26	
MNRZYE	18.37	-1.84	0.23	7.63	0.88	0.51	8.46	2.14	0.50	6.97	1.90	0.97	10.74	-2.38	0.37	
NXBQYC	34.73	-1.11	1.98	6.05	-0.36	0.81	5.54	-0.18	0.47	3.77	-0.47	1.42	19.36	0.55	1.12	
PDY9KL	71.85	0.55	0.73	7.00	0.39	0.73	5.77	0.00	0.18	4.80	0.29	0.10	17.77	0.01	1.66	
PR3FGH	133.67	3.32X	0.41	0.35	-4.80X	0.00	0.35	-4.30X	0.00	0.35	-2.99X	0.00	4.51	-4.51X	1.45	
PRZ3XF	59.24	-0.01	0.32	6.22	-0.22	0.59	5.25	-0.41	1.74	4.17	-0.18	1.31	16.30	-0.49	0.38	
QAYCGC	62.38	0.13	1.11	5.54	-0.75	0.05	4.65	-0.89	0.60	4.01	-0.29	0.00	21.08	1.14	0.02	
QDXTU7	64.43	0.22	0.03	6.87	0.29	0.57	4.60	-0.93	0.28	2.90	-1.11	0.31	17.73	0.00	0.44	



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RCLDZ6	53.33	-0.27	1.32	7.38	0.69	4.12	5.33	-0.34	2.15	6.65	1.66	3.58	17.28	-0.15	2.43
RFY6YK	65.24	0.26	0.14	5.69	-0.64	0.32	5.48	-0.23	0.28	4.70	0.22	0.37	17.41	-0.11	0.15
UC77JD	38.00	-0.96	0.48	6.63	0.10	0.79	5.87	0.08	0.42	3.53	-0.64	0.18	19.60	0.64	0.67
VHWXB8	48.67	-0.48	0.20	8.60	1.64	0.65	8.60	2.25	1.00	4.67	0.19	0.65	24.67	2.36	0.60
W7WLF6	39.59	-0.89	0.42	7.51	0.79	0.63	7.27	1.19	0.52	5.05	0.48	0.16	21.97	1.44	1.21
Y4HQX7	83.07	1.06	1.08	7.90	1.09	1.49	6.47	0.56	1.12	4.63	0.17	0.18	18.73	0.34	0.85
Y LH377	37.80	-0.97	0.20	5.59	-0.72	0.54	5.73	-0.03	0.22	3.13	-0.94	0.31	15.10	-0.90	0.41
ZG2VH8	36.04	-1.05	0.01	4.78	-1.34	0.04	4.85	-0.73	0.03	2.70	-1.26	0.11	22.31	1.56	0.03
ZY73X9	37.93	-0.96	1.42	6.43	-0.05	0.99	7.23	1.16	0.89	3.60	-0.59	0.54	19.97	0.76	0.67

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	59.4			6.50			5.77			4.40			17.7		
Median Abs Dev	14.0			0.81			0.65			0.64			1.4		
Avg Within Lab SD	2.1			0.41			0.36			0.32			0.7		
Labs Included	34			32			33			33			33		
Labs Reporting	35			35			35			35			35		



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Amino Nitrogen (SubTestCode 132) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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			
FKQJLJ	71.63		1.00	6.93		1.00	5.62		1.00	5.00		1.00	18.97		1.00			

Amino Nitrogen (SubTestCode 132) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	71.6			6.93			5.62			5.00			19.0					
Median Abs Dev																		
Avg Within Lab SD	1.2			0.04			0.16			0.27			0.4					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2D4RD7	34.9	0.52	0.19	31.3	0.55	0.10	33.5	1.84	0.40	15.8	0.43	0.64	301.4	-0.04	0.05	
2YHCA7	31.4	-0.19	0.20	27.7	-0.37	0.10	28.4	0.69	0.55	14.2	-0.43	0.28	275.8	-0.67	0.49	
3269HX	33.8	0.30	1.50	28.1	-0.28	0.03	25.3	0.00	1.27	14.2	-0.43	0.79	307.3	0.11	0.52	
4NDY9W	37.1	0.95	0.52	30.6	0.36	0.41	24.9	-0.11	0.23	14.5	-0.26	0.35	252.7	-1.24	0.17	
79B96V	34.5	0.44	0.09	28.2	-0.24	0.37	25.7	0.09	0.28	14.3	-0.38	0.42	308.8	0.15	0.14	
8F8HX2	25.5	-1.37	1.60	26.9	-0.58	1.58	22.2	-0.71	3.24	15.9	0.47	0.49	303.7	0.02	0.02	
96268P	54.2	4.40X	1.81	51.8	5.83X	2.31	38.4	2.96X	0.74	28.9	7.72X	0.37	482.7	4.44X	1.02	
9NGE9Q	21.6	-2.15	0.03	25.7	-0.88	0.81	20.4	-1.12	0.83	13.6	-0.75	0.44	306.6	0.09	1.97	
BAULWP	36.7	0.87	1.95	28.7	-0.12	0.32	32.7	1.66	0.57	15.0	0.00		328.7	0.64	0.33	
BYNV3Z	30.7	-0.32	0.76	28.0	-0.29	3.64	21.4	-0.90	1.03	13.3	-0.93	1.90	337.7	0.86	0.17	
DREGAU	34.2	0.38	0.18	29.0	-0.05	0.16	30.0	1.06	0.56	14.5	-0.25	0.41	322.2	0.48	0.47	
ERFJNR	33.0	0.13	0.84	35.0	1.51	0.56	24.7	-0.15	0.57	17.0	1.11	1.39	353.3	1.25	0.48	
GFTBQN	31.0	-0.27	0.84	20.7	-2.18	0.85	27.7	0.53	0.57	16.0	0.56		298.3	-0.11	0.17	
GWYTKT	33.3	0.20	0.97	31.7	0.65	0.32	25.3	0.00	0.57	14.0	-0.56		300.7	-0.05	1.78	
HUFT9J	36.0	0.74	1.10	31.1	0.49	0.66	26.4	0.25	0.23	16.1	0.59	0.77	338.3	0.88	1.78	
L4NLZP	36.8	0.91	1.00	31.8	0.67	0.19	28.5	0.71	0.17	15.3	0.18	0.39	302.1	-0.02	0.57	
LGX8DF	33.0	0.13		31.0	0.48		25.0	-0.08		14.7	-0.19	0.80	341.0	0.94	0.34	
MPHXDD	31.5	-0.17	0.96	26.1	-0.78	0.50	33.2	1.77	0.25	17.4	1.31	0.32	294.3	-0.21	0.63	
NXBQYC	29.9	-0.49	1.32	15.5	-3.52X	1.98	21.8	-0.79	1.23	12.5	-1.37	2.43	279.3	-0.58	2.55	
QAYCGC	25.8	-1.30	0.11	33.6	1.14	0.00	20.0	-1.21		16.0	0.53	0.00	260.0	-1.06	0.00	
QDXTU7	31.6	-0.15	0.47	28.3	-0.21	0.20	26.2	0.19	0.15	17.0	1.09	0.08	311.7	0.22	0.70	
RZTUJE	32.3	0.00	0.49	29.3	0.05	0.32	25.0	-0.08		16.3	0.74	0.80	293.3	-0.24	0.73	
UQAG4E	28.6	-0.74	0.10	28.3	-0.22	0.37	25.9	0.12	0.47	16.6	0.91	0.90	237.5	-1.62	0.27	
VHWPB8	31.3	-0.20	0.97	31.7	0.65	0.32	24.3	-0.23	1.14	14.7	-0.19	0.80	62.0	-5.95X		
W7WLF6	23.2	-1.83	0.25	24.9	-1.09	1.27	21.4	-0.89	0.48	12.6	-1.32	0.47	215.2	-2.17	0.78	
Y7RQ3C	37.0	0.94	0.45	33.7	1.18	0.91	27.4	0.47	0.81	15.2	0.11	0.48	337.3	0.85	1.26	



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410		
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
YLH377	31.3	-0.21	0.56	29.8	0.18	0.70	19.8	-1.25	1.49	13.2	-0.98	1.18	245.7	-1.41	1.95
ZY73X9	43.8	2.30	2.68	38.3	2.35	1.73	31.2	1.33	1.26	18.9	2.14	2.26	369.5	1.65	0.41
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	32.3			29.2			25.3			15.0			302.9		
Median Abs Dev	2.2			2.0			3.0			1.0			24.7		
Avg Within Lab SD	1.2			1.8			1.0			0.7			8.7		
Labs Included	27			26			27			27			26		
Labs Reporting	28			28			28			28			28		



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32JLV9	17.2	-0.05	0.34	21.4	0.39	0.41	20.7	1.15	0.84	11.2	-0.06	0.62	278.2	0.99	0.21	
6QCQP9	7.0	-1.80	0.03	8.8	-2.00	0.11	15.3	-0.87	0.42	10.3	-0.65	0.07	100.6	-1.78	0.03	
7UQT2W	25.7	1.41	0.65	14.1	-1.00	0.16	19.2	0.60	0.31	12.1	0.49	0.40	199.3	-0.24	0.14	
A2KXJQ	19.7	0.37	2.40	21.8	0.47	0.83	27.4	3.66X	0.28	12.7	0.84	2.75	240.5	0.41	0.67	
BDNWF2	12.2	-0.92	0.07	19.3	0.00	0.18	16.7	-0.34	0.10	10.2	-0.69	0.16	233.1	0.29	0.04	
KLAVDC	15.0	-0.42	0.12	16.7	-0.50	0.26	18.2	0.22	0.16	10.1	-0.73	0.08	214.5	0.00	0.50	
MBGDLN	17.5	0.00	0.13	26.9	1.43	0.50	16.3	-0.47	0.77	11.3	0.00	0.36	173.7	-0.64	0.13	
ND3HTL	21.0	0.60		16.0	-0.63		17.0	-0.22		11.0	-0.19		210.0	-0.07		
QDXTU7	22.1	0.80	0.40	19.8	0.09	0.27	18.3	0.26	0.10	11.9	0.37	0.00	218.2	0.06	0.40	
QJFDMK	16.7	-0.14	0.18	20.2	0.16	0.37	20.4	1.03	0.05	12.0	0.40	1.10	268.3	0.84	1.61	
TPPYZA	26.1	1.47	1.33	11.1	-1.56	3.10	12.7	-1.81	0.16	9.7	-0.98	0.49	130.4	-1.31	2.91	
UV3LXH	15.0	-0.44	0.25	18.2	-0.22	0.16	19.8	0.83	0.23	15.0	2.29	0.42	124.4	-1.40	0.11	
Y4HQX7	19.5	0.34	1.90	21.0	0.31	0.95	16.8	-0.31	3.05	13.1	1.08	1.47	262.7	0.75	0.08	

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	17.5			19.3			17.6			11.3			214.5			
Median Abs Dev	2.5			2.5			1.4			1.0			40.8			
Avg Within Lab SD	1.0			0.9			1.0			0.5			10.9			
Labs Included	13			13			12			13			13			
Labs Reporting	13			13			13			13			13			



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2C94Z3	14.7	-0.64	1.46	38.2	4.42X	2.74	6.0	-0.58	0.81	5.4	-0.58	0.45	75.7	4.30X	3.94
3269HX	16.8	-0.30	0.67	19.5	-0.48	0.19	7.8	0.34	1.93	6.1	-0.21	1.66	25.5	-1.28	0.93
32JLV9	25.2	1.01	0.40	24.0	0.69	0.46	6.0	-0.58	0.09	6.5	-0.05	0.29	39.6	0.29	0.14
4VRD9	28.8	1.57	0.33	22.1	0.21	1.58	9.6	1.23	1.71	8.7	1.06	0.67	37.2	0.02	0.43
6JDA6V	15.9	-0.44	0.28	22.3	0.26	0.19	8.7	0.78	0.28	6.8	0.09	0.15	44.6	0.85	0.14
6QCQP9	18.4	-0.05	0.07	18.8	-0.66	0.27	5.2	-0.97	0.05	4.5	-1.04	0.04	24.9	-1.35	0.07
733YM2	8.9	-1.53	0.47	14.4	-1.81	0.73	2.9	-2.13	0.38	2.8	-1.85	0.28	16.1	-2.32	0.30
79B96V	18.3	-0.07	0.09	23.7	0.61	0.09	10.9	1.90	0.07	8.4	0.88	0.60	40.8	0.42	0.14
7UQT2W	21.1	0.37	0.20	20.8	-0.13	0.23	8.6	0.74	0.29	7.9	0.67	0.20	27.8	-1.02	0.09
7Y72PW	16.0	-0.43	2.14	17.7	-0.96	1.14	5.7	-0.74	0.54	6.0	-0.28		28.0	-1.00	1.22
8F8HX2	20.6	0.29	3.88	21.1	-0.06	0.68	7.0	-0.07	1.30	5.9	-0.35	1.17	33.6	-0.37	0.38
9NGE9Q	22.9	0.64	0.14	24.2	0.75	1.85	6.8	-0.16	0.02	6.6	-0.01	0.14	34.7	-0.25	0.17
A2KXJQ	11.1	-1.20	1.26	13.6	-2.03	1.44	2.8	-2.18	1.35	1.8	-2.34	1.82	21.8	-1.68	0.42
BAULWP	20.3	0.25	0.47	22.7	0.35	0.43	8.7	0.76	0.54	6.3	-0.12	0.74	45.7	0.96	0.47
BDNWF2	8.3	-1.63	0.20	18.3	-0.78	0.19	4.9	-1.12	0.07	4.9	-0.83	0.08	32.2	-0.54	0.05
ERFJNR	18.0	-0.12	0.81	20.0	-0.35		7.3	0.09	0.54	5.0	-0.77		46.3	1.04	0.18
EZN6MT	26.0	1.13	0.58	24.3	0.79	0.21	6.0	-0.57	0.02	6.4	-0.07	0.06	39.4	0.27	0.03
GFTBQN	16.3	-0.38	1.24	21.3	0.00	0.43	10.0	1.43		7.0	0.21		37.0	0.00	0.31
GWYTKT	17.3	-0.22	0.94	19.3	-0.52	0.43	7.7	0.26	0.54	6.7	0.04	0.74	33.7	-0.37	0.35
H28HEL	14.4	-0.68		19.2	-0.56		5.9	-0.63		5.3	-0.63		29.3	-0.86	
HVQVVH	24.0	0.82	0.78	21.9	0.14	0.98	7.7	0.30	0.70	6.7	0.08	1.03	27.8	-1.02	0.62
JZWNPE	25.6	1.07	0.17	24.6	0.86	0.09	7.7	0.28	0.05	7.9	0.65	0.11	44.6	0.85	0.08
K9ZAZL	19.8	0.17	0.31	21.0	-0.08	0.30	5.8	-0.66	0.14	5.9	-0.33	0.13	32.9	-0.46	0.05
KLAVDC	37.9	2.99X	0.29	27.7	1.67	0.09	5.8	-0.68	0.22	6.6	0.01	0.16	34.5	-0.27	0.14
KWRD7J	15.3	-0.53	0.79	19.7	-0.44	0.35	6.4	-0.39	0.53	5.4	-0.56	1.09	35.5	-0.16	1.22
L4NLZP	17.3	-0.22	0.28	21.5	0.05	0.12	8.2	0.52	0.47	6.1	-0.22	0.31	31.5	-0.61	0.27



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LGX8DF	14.7	-0.64	0.47	18.0	-0.87		5.0	-1.08		4.0	-1.26		34.7	-0.26	0.35
LH6PCC	5.3	-2.09	0.47	5.7	-4.11X	0.43	6.0	-0.58	0.93	6.3	-0.12	0.74	7.3	-3.30X	0.18
LP47WP	102.7	13.10X	4.43	47.7	6.91X	2.73	36.0	14.49X	6.14	13.4	3.36X	2.46	44.1	0.79	0.64
MBGDLN	13.9	-0.76	0.08	26.0	1.22	1.00	6.3	-0.42	0.33	6.8	0.09	0.37	43.5	0.73	0.17
MNRZYE	19.3	0.09	0.47	17.7	-0.96	0.43	7.3	0.09	0.54	5.0	-0.77		35.3	-0.19	0.18
NXBQYC	14.8	-0.62	0.69	19.3	-0.54	1.01	9.3	1.08	0.26	8.4	0.92	0.40	30.7	-0.70	0.20
PDY9KL	30.4	1.82	1.18	19.7	-0.42	0.23	6.7	-0.22	0.30	6.4	-0.10	0.57	33.3	-0.42	0.14
PRHZ2F	19.1	0.05	0.74	20.8	-0.15	0.33	8.1	0.46	0.24	7.0	0.23	0.93	44.7	0.86	0.83
QAYCGC	6.5	-1.91	0.00	29.4	2.12	0.00	13.0	2.94X	0.00	12.1	2.69	0.00	40.0	0.33	0.00
QDHBTL	22.0	0.51	0.81	25.0	0.96		8.0	0.43		7.7	0.54	0.74	35.0	-0.22	
QDXTU7	22.1	0.52	0.79	19.8	-0.40	0.82	6.7	-0.24	0.33	6.0	-0.27	0.52	38.9	0.21	0.12
QJFDMK	29.4	1.67	0.13	26.4	1.34	0.19	6.7	-0.24	0.09	7.4	0.43	0.08	44.8	0.87	0.21
QRELHD	21.1	0.36	0.62	20.6	-0.18	0.04	7.7	0.29	0.19	6.7	0.04	0.30	37.8	0.09	0.20
RZTUJE	18.3	-0.06	0.94	21.3	0.00	1.14	6.3	-0.41	1.08	3.7	-1.43	0.74	44.0	0.78	2.12
UQAG4E	20.1	0.22	0.12	21.1	-0.06	0.73	7.1	-0.01	0.24	6.8	0.09	0.27	32.1	-0.55	0.26
UV3LXH	21.5	0.44	0.68	23.2	0.50	0.52	7.2	0.01	0.24	7.1	0.28	0.09	39.2	0.25	0.16
VHAXB8	15.3	-0.53	0.47	21.7	0.09	0.43	5.7	-0.74	0.54	4.7	-0.94	0.74	38.0	0.11	0.81
W7WLF6	22.2	0.53	0.24	30.9	2.50	0.75	13.7	3.27X	0.27	12.6	2.94	0.30	50.7	1.52	0.09
WHBJK9	19.3	0.09	2.84	21.3	0.00	4.55	9.0	0.91	2.48	8.8	1.09	4.00	34.7	-0.26	1.51
Y4HQX7	20.3	0.25	0.47	21.7	0.09	0.43	8.7	0.76	0.54	9.7	1.52	1.49	41.3	0.48	4.18
Z6UVYZ	42.7	3.73X	3.74	17.3	-1.05	1.55	11.3	2.10	4.21	9.7	1.52	2.68	56.3	2.15	3.48
ZG2VH8	30.8	1.87	0.13	29.9	2.26	0.17	8.0	0.41	0.04	8.7	1.06	0.13	49.9	1.44	0.03
ZY73X9	17.2	-0.25	0.86	21.6	0.07	0.42	8.1	0.45	1.12	6.9	0.13	0.46	39.2	0.24	0.97



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	18.7	21.3	7.15	6.58	37.0	
Median Abs Dev	3.3	1.9	1.14	0.98	4.8	
Avg Within Lab SD	1.2	1.3	1.07	0.78	3.3	
Labs Included	46	46	46	48	47	
Labs Reporting	49	49	49	49	49	



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410		
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
Y4HQX7	3.7		1.00	19.3		1.00	1.9		1.00	4.7		1.00	20.6		1.00

PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	3.70			19.3			1.90			4.70			20.6		
Median Abs Dev															
Avg Within Lab SD	0.38			0.3			0.22			0.36			0.8		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



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PO4-P M. Morgan ICP (SubTestCode 1362) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410		
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
PYJAFK	3.3		1.00	17.5		1.00	1.3		1.00	3.8		1.00	20.0		1.00

PO4-P M. Morgan ICP (SubTestCode 1362) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	3.33			17.5			1.33			3.83			20.0		
Median Abs Dev															
Avg Within Lab SD	0.29			0.9			0.29			0.29			0.9		
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		
													SRS2410		
SRS2406				SRS2407			SRS2408			SRS2409					
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
K9ZAZL	20.9		0.73	27.5		0.92	16.0		1.07	9.9		1.05	190.0		1.16
PDY9KL	46.3		1.21	27.6		1.08	15.3		0.93	12.8		0.95	195.4		0.81
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
													SRS2410		
SRS2406				SRS2407			SRS2408			SRS2409					
Grand Median	33.6			27.6			15.7			11.4			192.7		
Median Abs Dev															
Avg Within Lab SD	2.4			1.4			0.5			0.5			4.0		
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		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
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
3269HX	73.0	1.06	1.82	65.1	-0.51	2.27	38.5	1.40	1.38	33.0	1.45	1.63	524.6	0.76	0.59
4L6ZL3	29.3	-3.47X	0.01	23.1	-3.13X	0.05	24.6	-0.81	0.08	14.3	-4.54X	0.05	311.1	-1.25	0.00
79B96V	62.5	-0.03	0.03	70.6	-0.17	0.28	34.8	0.82	0.21	32.3	1.22	0.18	540.8	0.91	0.16
BAULWP	63.0	0.03		63.3	-0.62	0.30	35.3	0.90	0.54	28.0	-0.14		522.3	0.74	0.19
BYNV3Z	71.2	0.88	1.91	98.2	1.55	0.65	28.2	-0.24	0.68	25.9	-0.81	0.95	443.7	0.00	0.79
ERFJNR	56.0	-0.70	0.46	59.7	-0.85	0.59	29.7	0.00	1.08	28.7	0.07	0.60	472.0	0.27	0.18
GWYTKT	65.0	0.23	1.22	76.0	0.17	1.03	32.7	0.48	1.08	28.7	0.07	1.21	355.3	-0.83	0.62
L4NLZP	71.6	0.92	0.39	87.7	0.90	0.99	32.2	0.41	0.17	28.2	-0.07	1.29	434.4	-0.09	0.11
LGX8DF	59.7	-0.32	0.27	67.0	-0.39		30.7	0.16	0.54	35.0	2.10		385.0	-0.55	0.63
ND3HTL	44.0	-1.95		58.0	-0.95		20.0	-1.54		27.0	-0.46		295.0	-1.40	
NXBQYC	63.4	0.07	0.58	83.9	0.66	0.29	23.3	-1.01	2.03	27.0	-0.48	0.95	477.3	0.32	3.14
QDXTU7	53.1	-1.00	0.85	83.3	0.63	1.29	25.6	-0.64	0.53	27.9	-0.17	0.59	490.7	0.44	0.56
UQAG4E	54.0	-0.90	0.19	84.4	0.69	0.36	27.5	-0.35	1.48	31.8	1.07	0.82	314.8	-1.21	0.10

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	62.7			73.3			29.7			28.5			443.7		
Median Abs Dev	7.6			10.3			4.0			1.5			78.7		
Avg Within Lab SD	2.2			1.9			1.1			1.0			16.2		
Labs Included	12			12			13			12			13		
Labs Reporting	13			13			13			13			13		



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	37.6	-0.58	0.08	9.3	-0.28	0.29	5.5	1.11	1.73	5.1	0.00	1.04	18.1	-0.13	1.34
43FCM9	59.6	0.00	0.67	11.9	0.28	0.09	2.1	-0.21	0.19	5.8	0.35	0.44	23.4	1.18	0.16
4VRYD9	200.5	3.74X	4.98	5.1	-1.15	0.51	4.8	0.82	0.70	1.9	-1.45	0.11	47.9	7.21X	1.96
79B96V	28.7	-0.81	0.27	10.5	-0.03	0.27	5.6	1.13	0.14	6.4	0.63	0.03	17.6	-0.26	0.21
96268P	101.5	1.11	1.56	10.9	0.05	0.64	1.2	-0.59	0.16	4.2	-0.40	0.04	18.6	0.00	1.07
A2KXJQ	95.3	0.95	1.88	9.3	-0.27	1.77	1.3	-0.52	0.73	5.3	0.12	1.43	18.7	0.00	1.56
BAULWP	34.5	-0.66	0.26	9.3	-0.28	0.07	4.5	0.71	0.04	5.6	0.25	0.05	23.0	1.07	0.40
BYNV3Z	63.7	0.11	0.62	14.0	0.71	1.01	4.5	0.70	0.48	6.8	0.77	0.35	28.8	2.49	1.39
GFTBQN	94.3	0.93	0.61	22.0	2.40		2.0	-0.26		2.0	-1.41		45.3	6.57X	0.59
GWYTKT	49.0	-0.28	1.62	11.9	0.27	1.17	1.2	-0.56	0.35	3.7	-0.62	0.76	18.2	-0.11	1.67
HBYR9P	59.3	0.00	1.65	19.0	1.75	0.34	3.3	0.25	0.18	7.0	0.90	0.77	25.9	1.78	0.39
HVQVVH	88.2	0.76	0.19	9.4	-0.26	0.46	0.7	-0.75	0.13	4.0	-0.50	0.12	19.5	0.20	0.13
K9ZAZL	102.1	1.13	1.53	10.8	0.03	2.31							16.5	-0.53	1.35
L2WMLQ	12.4	-1.25		0.3	-2.18		7.9	2.04		25.5	9.39X		43.9	6.23X	
L4NLZP	50.9	-0.23	0.97	9.3	-0.28	0.38	0.7	-0.76	0.03	2.9	-1.00	0.01	16.5	-0.54	0.34
LGX8DF	22.0	-0.99	0.69	5.0	-1.18		1.0	-0.65		2.0	-1.41		9.3	-2.30	1.18
PDY9KL	97.0	1.00	1.14	9.7	-0.20	0.77	0.7	-0.77	0.04	4.6	-0.23	0.18	15.6	-0.76	0.65
RCLDZ6	59.5	0.00		13.3	0.57	0.44	1.8	-0.32	0.36	5.5	0.20		23.5	1.19	
RZTUJE	35.4	-0.64	1.34	11.9	0.28	1.53	3.6	0.36	0.28	16.1	5.06X	1.03	17.7	-0.24	0.21
TPPYZA	110.3	1.35		15.1	0.95		3.4	0.27		7.4	1.08		21.0	0.57	
UQAG4E	92.3	0.87	0.76	8.5	-0.44	0.51	1.1	-0.62	0.08	3.8	-0.60	0.19	19.2	0.15	0.29
VHWPB8	41.3	-0.48	0.61	7.3	-0.69	0.89	2.3	-0.13	0.73	4.3	-0.34	0.72	16.7	-0.49	0.59
Y4HQX7	106.7	1.25	0.46	12.3	0.36	0.89	3.0	0.13	1.26	6.7	0.73	1.89	19.0	0.09	2.04
YLH377	45.0	-0.38	0.34	16.7	1.29	1.69	8.2	2.16	0.13	20.0	6.84X	0.64	21.1	0.60	0.10
Z6UVYZ	44.0	-0.41	0.40	26.0	3.24X	4.06	3.7	0.39	3.63	7.7	1.19	2.86	18.0	-0.16	1.02



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	59.4	10.6	2.67	5.07	18.7	
Median Abs Dev	26.9	1.5	1.55	1.34	2.1	
Avg Within Lab SD	2.5	0.7	0.80	0.81	1.0	
Labs Included	24	24	24	21	22	
Labs Reporting	25	25	24	24	25	



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

Data units: mg/kg

WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	39.3	-0.79	0.02	499.3	-0.03	0.07	44.4	-0.26	0.10	115.7	-0.79	0.43	83.0	-0.87	0.12
2YHCA7	35.9	-0.91	0.10	479.2	-0.42	0.45	48.0	0.15	0.72	116.8	-0.74	0.51	89.6	-0.19	0.12
3269HX	47.1	-0.51	0.92	430.7	-1.36	0.49	59.0	1.41	1.63	121.5	-0.54	1.96	103.0	1.21	2.58
32JLV9	90.2	1.01	0.41	531.4	0.60	0.97	41.3	-0.61	0.17	173.3	1.73	0.19	107.2	1.65	0.62
4L6ZL3	35.8	-0.91	0.01	499.0	-0.03	0.00	48.5	0.21	0.01	107.6	-1.15	0.01	93.5	0.22	0.01
4VRYD9	49.1	-0.44	0.13	288.7	-4.13X	0.89	26.5	-2.32	0.13	83.4	-2.21	0.09	54.6	-3.84X	0.72
6JDA6V	30.9	-1.09	0.00	510.3	0.19	0.00	40.2	-0.74	0.01	98.6	-1.54	0.01	89.5	-0.19	0.01
6QCQP9	88.8	0.96	0.32	578.1	1.51	0.16	42.5	-0.48	0.25	165.3	1.38	2.21	97.6	0.65	0.43
733YM2	69.2	0.27	0.49	478.8	-0.43	0.40	37.8	-1.01	1.16	134.8	0.04	1.15	80.5	-1.14	1.50
79B96V	45.6	-0.57	0.09	447.2	-1.04	0.04	64.0	1.99	0.02	117.8	-0.70	0.09	106.8	1.61	0.18
7UQT2W	80.7	0.68	0.08	390.3	-2.15	5.92	55.9	1.06	0.37	146.7	0.56	0.43	85.2	-0.65	0.14
7Y72PW	89.3	0.98	4.45	501.7	0.02	0.70	41.3	-0.61	1.77	127.7	-0.27	1.13	173.0	8.52X	6.96
8F8HX2	65.3	0.13	0.17	496.8	-0.08	0.51	43.3	-0.39	0.30	137.4	0.16	1.40	87.6	-0.39	1.14
96268P	73.6	0.43	0.53	520.4	0.38	0.85	46.7	0.01	0.23	147.7	0.61	0.09	113.2	2.27	0.57
9NGE9Q	75.7	0.50	0.33	476.0	-0.48	0.39	49.3	0.31	0.70	140.0	0.27	0.82	90.3	-0.11	1.56
A2KXJQ	74.0	0.44	0.27	512.7	0.23	0.83	46.7	0.00	0.43	144.3	0.46	0.43	87.0	-0.46	1.60
BAULWP	39.7	-0.78	0.15	445.3	-1.08	0.08	48.0	0.15		112.7	-0.93	0.31	89.0	-0.25	0.44
BDNWF2	70.2	0.31	0.09	487.8	-0.25	0.08	40.6	-0.69	0.08	151.4	0.77	0.14	93.3	0.21	0.12
BYNV3Z	42.7	-0.67	0.85	464.9	-0.70	0.28	61.2	1.66	0.66	117.0	-0.73	0.81	99.5	0.85	0.56
DREGAU	34.6	-0.96	0.12	450.8	-0.97	0.26	47.0	0.04	0.21	115.9	-0.79	1.16	85.1	-0.65	0.30
ERFJNR	44.3	-0.61	0.36	494.5	-0.12	0.17	49.9	0.37	0.19	119.4	-0.63	0.57	89.8	-0.16	0.08
GFTBQN	41.7	-0.71	0.33	474.3	-0.51	0.43	56.7	1.15	0.70	114.3	-0.85	0.51	88.7	-0.28	0.26
GWYTKT	41.0	-0.73	0.13	521.7	0.41	0.39	71.7	2.87X	0.90	113.3	-0.90	0.24	92.7	0.14	0.68
H28HEL	19.0	-1.51		452.0	-0.95					86.0	-2.09		35.0	-5.88X	
HUFT9J	37.6	-0.85	0.33	485.3	-0.30	0.55	45.9	-0.08	0.69	114.3	-0.85	1.05	91.1	-0.03	0.81
HVQVVH	193.3	4.66X	0.17	152.6	-6.78X	0.04	110.5	7.32X	0.13	110.8	-1.01	0.10	206.1	11.98X	0.70



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JZWNPE	64.0	0.09	0.02	500.7	0.00	0.04	40.5	-0.71	0.13	136.3	0.11	0.12	92.6	0.13	0.12	
K9ZAZL				613.3	2.19	1.96										
KLAVDC	107.2	1.62	0.09	537.2	0.71	0.07	67.3	2.37	0.24	159.3	1.12	0.10	115.2	2.48	0.42	
KWRD7J	33.2	-1.01	0.67	515.0	0.28	1.01	41.2	-0.63	0.56	126.3	-0.33	1.67	90.9	-0.05	1.21	
KZQV3Q	69.1	0.27	0.08	484.2	-0.32	0.21	37.2	-1.09	0.21	137.8	0.17	0.25	78.9	-1.30	0.93	
L4NLZP	37.9	-0.84	0.44	513.3	0.25	0.03	48.1	0.17	0.47	125.0	-0.38	1.04	94.0	0.27	1.88	
LGX8DF	54.3	-0.26	0.08	527.3	0.52	0.11	66.7	2.29	0.70	121.3	-0.55	0.12	96.0	0.48	1.17	
LP47WP	84.5	0.81	0.63	620.8	2.34	0.23	41.3	-0.62	0.18	150.2	0.72	0.35	93.7	0.24	0.68	
MBGDLN	90.2	1.01	0.18	570.4	1.36	0.01	45.7	-0.11	0.24	150.1	0.71	0.52	92.2	0.08	0.55	
MNRZYE	46.4	-0.54	1.05	550.7	0.98	0.23	52.0	0.61	0.33	141.5	0.34	0.59	101.6	1.07	0.78	
MPHXDD	38.6	-0.81	0.18	468.0	-0.64	0.41	48.6	0.22	0.23	114.2	-0.86	0.32	85.4	-0.62	0.52	
ND3HTL	66.8	0.19		481.6	-0.37		43.7	-0.34		145.0	0.49		85.5	-0.61		
NXBQYC	37.8	-0.84	0.70	538.0	0.73	1.35	43.9	-0.32	0.65	133.1	-0.03	2.22	93.6	0.24	0.55	
PDY9KL	72.9	0.40	0.50	496.8	-0.08	0.92	40.6	-0.69	0.72	141.1	0.32	0.72	87.1	-0.44	0.82	
PRHZ2F	57.0	-0.16	0.14	461.9	-0.75	0.13	36.9	-1.12	0.07	128.0	-0.25	0.31	86.6	-0.49	0.71	
QAYCGC	80.1	0.66	0.00	476.2	-0.48	0.12	46.7	0.01	0.38	136.3	0.11	0.00	86.4	-0.52	0.00	
QDHBTL	68.3	0.24	0.15	487.0	-0.27	0.07	42.0	-0.54	0.34	138.0	0.18		88.7	-0.28	0.26	
QJFDMK	103.5	1.48	0.00	621.4	2.35	0.00	55.6	1.03	0.00	165.0	1.37	0.00	113.5	2.31	0.00	
QRELHD	97.0	1.25	0.35	509.7	0.18	0.34	59.3	1.45	0.70	146.7	0.56	0.43	101.3	1.04	0.68	
RZTUJE	35.7	-0.92	0.08	466.7	-0.66	0.36	44.3	-0.27	0.16	128.3	-0.24	0.12	93.3	0.21	1.28	
TPPYZA	73.4	0.42	1.50	502.0	0.03	0.83	45.4	-0.15	0.96	134.5	0.03	2.55	83.5	-0.82	0.07	
U2TV8G	87.1	0.90	0.30	521.3	0.40	0.16	54.6	0.91	0.00	146.9	0.57	1.22	117.0	2.68		
UQAG4E	61.6	0.00	0.45	508.6	0.15	0.04	41.0	-0.64	0.16	136.7	0.13	0.08	82.4	-0.94	0.34	
VHWPB8	47.3	-0.51	0.28	523.0	0.43	0.32	57.0	1.18	1.12	122.7	-0.49	0.43	92.7	0.14	0.68	
W7WLF6	34.1	-0.97	0.36	461.7	-0.76	0.88	46.7	0.00	0.69	111.7	-0.97	2.13	91.7	0.03	3.38	
WHBJK9	77.0	0.55	0.35	530.0	0.57	0.36	42.0	-0.54	0.74	143.3	0.42	1.18	80.3	-1.15	0.92	



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Y4HQX7	82.3	0.73	0.08	524.3	0.46	0.21	55.3	0.99	0.65	154.7	0.91	0.85	98.3	0.73	1.35	
YLH377	41.3	-0.72	0.33	472.3	-0.55	0.45	45.0	-0.19	0.56	110.7	-1.01	0.72	87.0	-0.46	0.89	
Z6UVYZ	72.3	0.38	4.81	623.3	2.39	1.44	46.7	0.00	5.01	111.7	-0.97	0.83	90.3	-0.11	1.02	
ZG2VH8	71.5	0.35	0.05	543.3	0.83	0.12	45.4	-0.15	0.32	146.2	0.54	0.23	97.4	0.63	0.18	
ZY73X9	49.0	-0.45	0.96	544.3	0.85	1.04	52.7	0.69	2.91	137.3	0.15	2.78	94.7	0.34	1.68	

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	61.6			500.7			46.7			133.8			91.4			
Median Abs Dev	19.1			24.7			5.3			13.5			4.5			
Avg Within Lab SD	7.5			28.2			3.6			4.9			2.3			
Labs Included	55			55			53			56			52			
Labs Reporting	56			57			55			56			56			



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2D4RD7	3,047.0	-0.72	0.01	5,672.7	-0.34	0.02	691.3	0.20	0.03	2,291.3	-0.84	0.08	1,104.3	-0.44	0.05	
2YHCA7	2,890.2	-0.80	0.22	5,186.6	-0.69	0.40	734.8	0.51	0.28	2,431.0	-0.53	0.31	1,134.4	-0.26	0.33	
3269HX	3,070.4	-0.70	0.12	5,860.3	-0.21	1.01	813.3	1.07	1.75	2,428.4	-0.53	1.02	1,333.7	0.93	0.80	
32JLV9	6,447.9	1.03	0.32	8,019.2	1.33	0.88	359.5	-2.18	0.52	3,192.3	1.16	0.03	1,073.9	-0.62	1.33	
4VRYD9	5,119.7	0.35	0.69	6,510.7	0.25	3.66	508.4	-1.11	0.12	2,609.8	-0.13	2.33	991.1	-1.11	1.70	
6JDA6V	3,220.0	-0.63	0.00	7,151.0	0.71	0.02	673.1	0.07	0.01	2,335.3	-0.74	0.02	1,305.0	0.76	0.11	
6QCQP9	7,052.0	1.34	0.28	6,423.7	0.19	1.00	542.0	-0.87	0.12	2,783.7	0.25	0.90	986.2	-1.14	0.24	
733YM2	5,339.8	0.46	0.16	4,848.8	-0.93	0.33	613.5	-0.36	0.59	3,035.8	0.81	0.21	1,139.3	-0.23	0.96	
79B96V	2,789.2	-0.85	0.01	6,284.9	0.09	0.17	752.3	0.64	0.10	2,322.0	-0.77	0.16	1,369.4	1.14	0.03	
7UQT2W	5,096.3	0.34	0.16	4,642.0	-1.08	0.04	564.7	-0.71	0.11	2,356.7	-0.69	0.32	1,063.0	-0.68	0.29	
7Y72PW	4,602.7	0.08	0.41	5,026.7	-0.80	0.77	552.3	-0.80	1.61	2,885.7	0.48	1.73	942.7	-1.40	1.38	
8F8HX2	5,581.7	0.59	0.24	6,964.3	0.58	1.01	663.7	0.00	1.19	3,029.7	0.80	0.46	1,166.7	-0.06	1.30	
96268P	5,330.0	0.46	0.76	5,533.3	-0.44	1.56	591.3	-0.52	0.47	3,070.0	0.89	0.41	1,206.7	0.17	1.01	
9NGE9Q	4,952.7	0.26	0.43	4,809.0	-0.96	0.44	563.0	-0.72	0.47	2,757.7	0.19	0.71	1,079.7	-0.58	0.46	
A2KXJQ	4,841.0	0.20	0.35	4,632.3	-1.08	0.73	505.3	-1.14	0.32	2,471.0	-0.44	0.45	964.3	-1.27	0.10	
BAULWP	2,829.7	-0.83	0.11	6,144.0	-0.01	0.08	671.0	0.05	0.37	2,132.7	-1.19	0.17	1,322.3	0.86	0.21	
BDNWF2	4,883.4	0.23	0.04	5,741.0	-0.30	0.22	585.6	-0.56	0.10	2,710.1	0.09	0.49	1,177.7	0.00	0.02	
BYNV3Z	2,106.3	-1.20	0.35	4,656.3	-1.07	1.56	808.3	1.04	1.69	2,221.7	-0.99	1.32	1,131.7	-0.27	2.17	
DREGAU	2,690.0	-0.90	0.04	4,986.4	-0.83	0.11	777.0	0.81	0.60	2,178.5	-1.09	0.14	1,177.4	0.00	0.07	
ERFJNR	3,410.0	-0.53	0.04	13,501.0	5.23X	0.81	823.3	1.15	0.25	2,706.3	0.08	0.14	1,310.0	0.79	0.82	
EZ9RAH	5,532.5	0.56	0.00	6,711.2	0.40	0.00	553.7	-0.79	0.00	2,534.7	-0.30	0.00	1,109.0	-0.41	0.00	
GFTBQN	3,079.0	-0.70	0.14	6,598.0	0.31	0.54	925.0	1.88	0.41	2,422.7	-0.55	0.13	1,261.7	0.50	0.27	
GWYTKT	3,026.3	-0.73	0.15	6,649.7	0.35	0.64	1,079.3	2.98X	2.46	2,449.7	-0.49	0.79	1,232.3	0.33	1.31	
HUFT9J	3,062.7	-0.71	0.36	5,687.3	-0.33	0.55	726.3	0.45	0.90	2,592.0	-0.17	0.19	1,308.3	0.78	1.12	
HVQVVH	4,442.1	0.00	0.07	5,107.0	-0.75	0.08	648.1	-0.11	0.10	2,831.5	0.36	0.11	1,117.3	-0.36	0.23	
JZWNPE	6,120.0	0.86	0.04	7,636.7	1.05	0.14	742.7	0.57	0.07	3,673.3	2.22	0.14	1,385.0	1.24	0.12	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
K9ZAZL	7,563.3	1.60	0.77	8,210.0	1.46	1.74	700.0	0.26	0.48	3,356.7	1.52	2.13	1,313.3	0.81	2.23	
KLAVDC	7,158.2	1.40	0.38	7,900.9	1.24	0.59	617.3	-0.33	0.22	3,177.5	1.12	0.15	1,241.5	0.38	1.11	
KWRD7J	3,696.0	-0.38	1.07	7,319.3	0.83	2.09	789.0	0.90	2.77	3,046.0	0.83	2.74	1,352.7	1.04	1.47	
KZQV3Q	5,964.0	0.78	0.12	5,901.0	-0.18	0.26	510.5	-1.10	0.47	2,835.7	0.37	0.19	945.7	-1.38	1.06	
L4NLZP	3,263.4	-0.61	0.43	6,921.0	0.54	0.55	724.4	0.44	0.64	2,628.4	-0.09	0.85	1,195.7	0.11	0.73	
LGX8DF	2,953.3	-0.76	0.03	4,893.3	-0.90	0.22	606.7	-0.41	0.32	2,036.7	-1.40	0.11	1,073.3	-0.62	0.29	
LP47WP	8,012.3	1.83	0.21	9,338.1	2.27	0.28	669.4	0.04	0.41	2,776.6	0.24	0.05	726.4	-2.69X	1.90	
MBGDLN	4,334.1	-0.06	0.06	5,478.3	-0.48	0.13	524.5	-1.00	0.02	2,216.2	-1.00	0.23	878.2	-1.78	0.16	
MNRZYE	2,699.0	-0.90	0.30	6,167.6	0.01	0.32	729.8	0.47	1.05	2,233.0	-0.97	0.34	1,378.2	1.20	0.09	
MPHXDD	3,044.3	-0.72	0.14	5,748.2	-0.29	0.44	832.2	1.21	0.73	2,511.2	-0.35	0.28	1,215.0	0.22	0.20	
ND3HTL	5,102.0	0.34		6,215.3	0.04		372.0	-2.09		2,920.7	0.56		1,124.9	-0.31		
NXBQYC	3,213.3	-0.63	1.10	6,948.7	0.56	2.93	711.7	0.35	1.83	2,759.3	0.20	2.86	1,262.3	0.51	0.61	
PDY9KL	5,989.5	0.79	0.28	6,793.1	0.45	1.39	574.7	-0.64	0.43	2,907.8	0.53	0.94	1,087.0	-0.54	0.43	
PRHZ2F	4,892.5	0.23	0.04	5,602.7	-0.39	0.23	545.8	-0.85	0.61	2,706.2	0.08	0.21	998.3	-1.07	0.32	
QAYCGC	3,712.5	-0.37	6.89	5,627.0	-0.38		690.2	0.19	0.00	2,989.0	0.71		1,203.0	0.15		
QDHBTL	5,400.0	0.49		6,583.3	0.30	0.13	700.0	0.26		3,180.0	1.13		1,253.3	0.45	0.38	
QDXTU7	4,220.0	-0.11	0.09	4,326.7	-1.30	0.27	560.0	-0.74		2,533.3	-0.30	0.11	946.7	-1.38	0.29	
QJFDMK	2,317.2	-1.09	0.02	8,070.4	1.36	0.07	9,333.9	62.23X	0.64	374.6	-5.08X	0.00	1,461.4	1.69	0.15	
QRELHD	5,155.7	0.37	0.17	5,324.3	-0.59	0.09	514.3	-1.07	0.10	2,934.0	0.58	0.58	1,042.3	-0.81	0.32	
RZTUJE	3,099.4	-0.69	0.13	6,544.9	0.28	0.87	734.1	0.51	0.32	2,422.1	-0.55	0.82	1,240.0	0.37	1.21	
TPPYZA	6,351.4	0.98	0.71	6,097.6	-0.04	1.77	630.6	-0.24	1.27	2,408.3	-0.58	2.02	1,078.1	-0.59	1.16	
U2TV8G	7,626.7	1.64	0.73	8,153.3	1.42	1.09	710.0	0.33	0.50	3,180.0	1.13	1.06	1,392.0	1.28	0.35	
UQAG4E	5,413.0	0.50	0.01	6,520.3	0.26	0.03	618.9	-0.32	0.43	2,845.6	0.39	0.10	1,094.7	-0.49	0.21	
VHWSB8	3,556.0	-0.46	0.08	7,533.7	0.98	0.15	866.3	1.45	0.84	2,600.0	-0.15	0.22	1,338.7	0.96	0.87	
W7WLF6	2,516.7	-0.99	0.23	4,450.0	-1.21	0.95	650.0	-0.10	1.39	2,183.3	-1.08	1.19	1,066.7	-0.66	1.90	
WHBJK9	5,827.7	0.71	0.07	5,697.7	-0.33	0.74	550.0	-0.82	1.00	2,633.3	-0.08	1.09	1,066.7	-0.66	1.44	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Y4HGX7	5,393.3	0.49	0.18	5,780.0	-0.27	0.83	686.7	0.17	0.32	3,140.0	1.04	0.66	1,233.3	0.33	0.76	
YLH377	3,025.0	-0.73	0.38	5,392.0	-0.54	0.74	826.7	1.17	0.74	2,191.7	-1.06	1.62	1,179.3	0.01	2.15	
Z6UVYZ	2,977.7	-0.75	0.39	9,253.3	2.21	1.21	616.0	-0.34	0.91	2,164.3	-1.12	1.85	1,104.3	-0.44	1.55	
ZG2VH8	5,844.7	0.72	0.04	7,603.3	1.03	0.20	654.1	-0.07	0.28	3,281.7	1.35	0.13	1,244.6	0.40	0.28	
ZY73X9	3,894.3	-0.28	0.59	6,877.0	0.51	0.85	792.0	0.92	4.18	2,904.0	0.52	1.01	1,311.7	0.80	2.41	

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	4,442.1			6,155.8			663.7			2,669.8			1,177.5			
Median Abs Dev	1,363.1			764.5			79.0			256.2			101.5			
Avg Within Lab SD	459.8			228.8			36.1			105.5			40.2			
Labs Included	57			56			55			56			56			
Labs Reporting	57			57			57			57			57			



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	963.7	-0.86	0.05	556.0	-0.01	0.18	75.2	0.59	0.06	202.7	-0.68	0.11	215.3	0.11	0.15
2YHCA7	859.2	-1.03	0.23	517.6	-0.49	0.21	81.6	1.01	0.40	207.2	-0.54	0.28	226.6	0.61	0.24
3269HX	781.9	-1.15	0.17	500.0	-0.71	0.97	72.9	0.43	1.82	195.8	-0.90	0.82	212.2	-0.03	0.54
32JLV9	2,098.3	0.98	0.14	355.5	-2.50X	0.68	33.5	-2.14	0.46	112.9	-3.53X	0.96	88.3	-5.55X	0.14
4VRYD9	1,892.0	0.65	1.64	681.5	1.54	4.11	58.1	-0.53	0.08	259.8	1.13	1.10	228.7	0.71	1.78
6JDA6V	947.9	-0.88	0.00	600.4	0.54	0.02	44.4	-1.43	0.01	176.3	-1.52	0.03	232.9	0.90	0.27
6QCQP9	2,131.3	1.04	0.89	617.8	0.75	0.71	49.9	-1.07	0.69	231.8	0.24	0.44	189.8	-1.03	0.21
733YM2	1,658.0	0.27	0.18	500.2	-0.71	0.31	56.0	-0.67	0.52	234.7	0.34	0.18	197.4	-0.69	0.20
79B96V	730.8	-1.23	0.01	475.5	-1.01	0.13	65.2	-0.07	0.07	181.9	-1.34	0.04	210.1	-0.12	0.04
7UQT2W	1,492.0	0.00	0.09	469.0	-1.09	0.20	60.1	-0.41	0.07	204.3	-0.63	0.18	186.7	-1.17	0.20
7Y72PW	1,590.7	0.16	0.90	596.7	0.49	2.81	100.3	2.23	4.01	262.0	1.20	2.31	217.0	0.19	4.25
8F8HX2	1,745.7	0.41	0.41	606.0	0.61	1.16	66.6	0.02	0.69	249.7	0.81	0.65	217.0	0.19	1.33
96268P	1,720.0	0.37	1.41	552.1	-0.06	1.02	60.5	-0.38	0.25	239.3	0.48	0.05	213.6	0.03	0.45
9NGE9Q	1,518.3	0.04	1.09	482.3	-0.93	0.48	55.3	-0.72	0.35	220.0	-0.13	0.43	200.7	-0.54	0.58
A2KXJQ	1,490.7	0.00	0.44	506.3	-0.63	0.55	55.3	-0.72	0.93	211.3	-0.41	0.34	182.0	-1.37	0.38
BAULWP	781.3	-1.15	0.20	531.0	-0.32	0.27	70.3	0.27	0.13	175.7	-1.54	0.11	212.3	-0.02	0.07
BDNWF2	1,564.7	0.12	0.26	531.5	-0.32	0.56	49.0	-1.13	0.06	206.6	-0.56	0.38	177.9	-1.56	0.35
BYNV3Z	667.6	-1.34	0.98	470.1	-1.08	1.21	64.8	-0.09	0.21	190.7	-1.06	0.63	194.5	-0.82	1.60
DREGAU	834.3	-1.07	0.31	502.1	-0.68	0.36	76.2	0.65	0.21	193.2	-0.98	0.22	208.9	-0.18	0.27
ERFJNR	947.6	-0.88	0.16	747.7	2.37	0.19	90.9	1.61	0.25	225.2	0.03	0.16	246.9	1.52	0.31
EZ9RAH	1,822.9	0.54	0.00	637.4	1.00	0.00	53.5	-0.84	0.00	236.3	0.39	0.00	197.4	-0.69	0.00
GFTBQN	666.3	-1.34	0.17	473.3	-1.04	0.39	98.0	2.08	0.69	179.3	-1.42	0.29	195.7	-0.77	1.92
GWYTKT	899.0	-0.96	0.35	616.7	0.74	0.16	112.3	3.02X	0.48	197.0	-0.86	0.47	226.3	0.60	0.27
HUFT9J	981.0	-0.83	0.90	598.3	0.51	0.69	71.7	0.36	0.38	208.0	-0.51	0.07	238.3	1.14	0.90
HVQVVH	1,209.4	-0.46	0.09	506.7	-0.62	0.11	68.9	0.17	0.03	223.5	-0.02	0.10	195.3	-0.78	0.16
JZWNPE	1,836.7	0.56	0.08	624.0	0.83	0.05	70.2	0.26	0.19	267.0	1.36	0.07	228.7	0.71	0.15



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
K9ZAZL	2,143.3	1.06	2.28	702.0	1.80	2.14	69.3	0.20	1.31	274.3	1.59	1.49	235.0	0.99	2.59
KLAVDC	1,813.0	0.52	0.28	644.0	1.08	0.23	44.3	-1.44	0.25	224.7	0.02	0.14	188.6	-1.08	0.18
KWRD7J	1,089.7	-0.65	1.87	644.7	1.09	0.71	67.9	0.10	1.78	244.0	0.63	0.97	249.0	1.61	0.78
KZQV3Q	1,767.0	0.45	0.15	520.4	-0.45	0.33	51.7	-0.96	0.31	229.1	0.16	0.03	177.1	-1.59	0.99
L4NLZP	883.8	-0.99	0.77	574.0	0.21	0.21	71.0	0.31	0.47	211.5	-0.40	0.33	216.7	0.17	0.71
LGX8DF	816.0	-1.10	0.05	541.0	-0.20		75.0	0.57	0.23	197.0	-0.86		217.3	0.20	0.15
LP47WP	2,134.7	1.04	0.15	698.7	1.76	0.58	52.5	-0.90	1.33	279.9	1.77	5.25	197.4	-0.69	0.10
MBGDLN	1,752.4	0.42	0.29	536.3	-0.26	0.20	64.0	-0.15	0.48	224.7	0.02	0.28	213.4	0.02	0.57
MNRZYE	832.2	-1.07	0.74	560.7	0.05	0.45	72.8	0.43	0.43	196.9	-0.86	0.28	223.8	0.49	0.56
MPHXDD	826.4	-1.08	0.22	502.5	-0.68	0.25	76.5	0.67	0.47	196.8	-0.87	0.31	214.1	0.06	0.44
ND3HTL	1,312.8	-0.29		486.8	-0.87		64.9	-0.09		223.5	-0.02		194.1	-0.84	
NXBQYC	884.9	-0.98	1.35	595.9	0.48	1.96	73.0	0.44	0.68	226.7	0.08	1.54	241.4	1.27	0.76
PDY9KL	1,812.3	0.52	0.57	564.1	0.09	0.96	61.4	-0.32	0.60	241.5	0.55	0.40	208.4	-0.20	0.15
PRHZ2F	1,629.0	0.22	0.27	513.2	-0.54	0.43	50.8	-1.01	0.98	212.9	-0.36	0.47	171.3	-1.85	0.61
QAYCGC	1,679.3	0.30	0.01	538.5	-0.23		67.2	0.06	0.00	230.5	0.20		211.8	-0.05	0.00
QDHBTL	1,644.3	0.25	0.11	604.0	0.58		83.0	1.10	0.83	270.7	1.48	0.22	234.0	0.94	0.46
QDXTU7	1,487.6	-0.01	0.27	502.6	-0.68	0.32	56.7	-0.62	1.62	231.0	0.22	0.00	194.6	-0.81	0.00
QJFDMK	1,957.4	0.75	0.11	583.4	0.33	0.09	58.9	-0.48	0.32	238.7	0.46	0.06	208.8	-0.18	0.10
QRELHD	1,493.3	0.00	0.35	527.7	-0.36	0.42	51.0	-1.00	0.23	223.7	-0.02	0.25	193.7	-0.85	0.15
RZTUJE	892.5	-0.97	0.27	530.5	-0.33	0.58	71.3	0.33	0.11	188.7	-1.13	0.47	225.5	0.56	0.65
TPPYZA	1,737.8	0.40	5.41	587.2	0.37	1.08	65.9	-0.02	0.86	225.0	0.03	2.00	206.2	-0.30	0.57
U2TV8G	1,982.0	0.79	0.31	650.8	1.16	0.45	69.2	0.19	0.32	246.0	0.69	0.69	230.8	0.80	0.44
UQAG4E	1,672.5	0.29	0.18	558.0	0.01	0.11	64.0	-0.15	0.32	236.4	0.39	0.05	203.7	-0.41	0.13
VHWEB8	1,001.3	-0.80	0.10	601.7	0.55	0.26	94.3	1.84	1.09	215.3	-0.28	0.17	237.7	1.11	1.03
W7WLF6	783.3	-1.15	0.42	500.0	-0.71	1.98	65.0	-0.08	1.15	178.3	-1.46	0.91	201.7	-0.50	2.25
WHBJK9	1,857.3	0.59	0.97	553.3	-0.05	0.26	65.3	-0.06	1.09	236.7	0.40	0.42	213.3	0.02	0.74



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Y4HQX7	1,940.0	0.73	0.37	605.0	0.60	0.55	72.6	0.41	0.00	274.3	1.59	0.50	233.9	0.94	0.90	
YLH377	848.7	-1.04	0.48	556.0	-0.01	0.46	97.0	2.01	0.83	204.3	-0.63	0.58	215.7	0.13	0.71	
Z6UVYZ	962.7	-0.86	0.78	716.0	1.97	0.12	73.3	0.46	1.35	204.7	-0.62	1.26	231.3	0.82	1.63	
ZG2VH8	1,650.0	0.26	0.15	580.0	0.29	0.28	61.9	-0.28	0.29	230.7	0.21	0.04	204.0	-0.39	0.22	
ZY73X9	1,139.0	-0.57	1.31	629.7	0.90	1.54	84.7	1.20	3.45	246.7	0.71	1.39	245.0	1.43	0.84	

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	1,492.0			557.0			66.3			224.2			212.8			
Median Abs Dev	448.0			48.5			7.2			18.5			15.5			
Avg Within Lab SD	68.2			21.9			4.3			13.9			7.8			
Labs Included	57			56			56			56			56			
Labs Reporting	57			57			57			57			57			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2YHCA7	130.6	-1.02	0.08	33.7	-0.20	0.14	7.3	-0.04	0.16	12.4	-0.16	0.16	30.5	0.05	0.14
3269HX	129.8	-1.02	0.64	36.2	0.08	0.07	9.7	0.44	0.14	13.9	0.08	1.10	35.1	0.76	0.82
32JLV9	312.2	1.10	0.79	59.8	2.70	1.54	29.2	4.46X	1.59	27.8	2.28	0.59	33.3	0.49	0.16
4VRYD9	860.3	7.50X	0.49	177.5	15.74X	0.45	28.6	4.33X	0.22	42.8	4.67X	0.05	81.0	7.94X	0.69
6JDA6V	148.2	-0.81	0.02	51.3	1.76	0.01	31.5	4.94X	0.04	27.6	2.25	0.02	44.5	2.23	0.02
6QCQP9	282.6	0.76	0.05	38.9	0.39	0.14	1.0	-1.35	0.03	12.0	-0.23	0.09	29.2	-0.16	0.24
733YM2	262.8	0.53	0.29	44.9	1.05	5.00	6.1	-0.31	1.22	15.0	0.25	1.10	26.3	-0.61	0.28
79B96V	115.5	-1.19	0.03	36.0	0.06	0.11	13.7	1.27	0.30	14.7	0.21	0.36	29.0	-0.19	0.12
7UQT2W	252.7	0.41	0.10	37.6	0.24	0.19	10.6	0.62	0.14	19.9	1.03	0.13	31.6	0.21	0.22
7Y72PW	236.7	0.22	1.05	37.7	0.25	2.39	11.7	0.85	1.99	20.3	1.10	1.32	34.3	0.64	3.43
8F8HX2	222.6	0.06	0.41	30.6	-0.53	0.65	4.2	-0.69	0.79	10.3	-0.48	0.20	24.8	-0.85	0.82
96268P	246.1	0.33	0.53	31.3	-0.45	0.23				13.2	-0.03	0.89	31.6	0.22	0.18
9NGE9Q	170.0	-0.56	0.29	21.3	-1.56	0.23	4.0	-0.73	0.65	13.0	-0.06	2.10	21.3	-1.39	0.33
A2KXJQ	242.3	0.29	0.24	34.7	-0.08	0.23	8.7	0.23	1.35	14.0	0.10		29.3	-0.14	0.33
BAULWP	108.3	-1.28	0.20	29.5	-0.66	0.14	10.5	0.62	0.26	13.4	0.01	0.03	30.7	0.08	0.06
BDNWF2	218.8	0.01	0.09	30.6	-0.53	0.31	6.5	-0.22	0.15	8.0	-0.86	0.20	21.8	-1.32	0.45
BYNV3Z	114.8	-1.20	0.19	30.0	-0.60	0.43	6.2	-0.27	0.94	9.9	-0.55	0.21	27.3	-0.46	0.39
DREGAU	116.3	-1.18	0.13	31.3	-0.46	0.46	7.9	0.07	0.12	12.6	-0.13	0.25	26.8	-0.54	0.18
ERFJNR	120.5	-1.13	0.20	34.6	-0.09	0.14	7.6	0.01	0.21	12.0	-0.22	0.64	31.2	0.15	0.27
GWYTKT	118.3	-1.16	0.16	36.6	0.13	0.76	9.3	0.36	0.20	12.7	-0.11	0.25	30.1	-0.01	0.37
HVQVVH	159.5	-0.68	6.16	37.0	0.17	0.38	6.1	-0.31	0.26	13.5	0.01	0.13	27.4	-0.44	0.02
JZWNPE	241.7	0.28	0.07	29.0	-0.71	0.12	1.1	-1.33	0.03	6.6	-1.08	0.02	24.1	-0.95	0.09
K9ZAZL	246.7	0.34	0.75												
KLAVDC	260.4	0.50	0.08	45.3	1.10	0.09	7.1	-0.10	0.14	20.2	1.07	0.03	38.3	1.26	0.29
KWRD7J	137.3	-0.94	0.67	33.6	-0.20	0.43	5.7	-0.37	0.56	11.7	-0.27	0.30	31.3	0.17	0.33
KZQV3Q	231.4	0.16	0.12	27.5	-0.87	0.13	1.4	-1.27	0.02	8.6	-0.76	0.04	21.7	-1.33	0.40



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
L4NLZP	121.6	-1.12	0.58	34.9	-0.06	0.11	8.6	0.22	0.04	13.7	0.05	0.18	32.6	0.37	0.54	
LGX8DF	154.0	-0.74	0.17	54.3	2.09	1.21	36.0	5.87X	0.65	28.7	2.42	0.30	43.3	2.05	0.66	
LP47WP	307.2	1.04	0.11	57.5	2.45	0.45	16.5	1.84	0.35	28.5	2.40	3.25	43.3	2.04	0.80	
MBGDLN	306.9	1.04	0.08	20.9	-1.61	0.15	2.1	-1.12	0.05	4.6	-1.38	0.12	17.1	-2.06	0.24	
MNRZYE	142.2	-0.88	0.59	43.2	0.86	0.50	7.3	-0.05	0.21	14.4	0.17	0.06	37.0	1.07	0.42	
MPHXDD	126.6	-1.06	0.28	33.8	-0.18	0.15	7.5	-0.01	0.12	12.4	-0.16	0.09	29.7	-0.08	0.11	
ND3HTL	218.2	0.01		53.8	2.04		15.4	1.62		27.7	2.26		30.3	0.01		
NXBQYC	119.2	-1.15	0.72	31.4	-0.45	0.66	5.7	-0.39	0.85	9.6	-0.59	1.32	30.6	0.06	0.56	
PDY9KL	243.3	0.30	0.27	36.2	0.09	0.40	8.9	0.28	0.01	17.7	0.68	0.10	30.8	0.10	0.55	
PRHZ2F	215.9	-0.02	0.18	37.6	0.24	0.41	5.9	-0.33	0.03	13.5	0.02	0.51	28.6	-0.25	0.82	
QAYCGC	229.3	0.14	0.19	32.4	-0.33	0.00	4.4	-0.66	0.00	10.7	-0.43	0.00	27.0	-0.50	0.28	
QDHBTL	234.3	0.19	0.17	41.9	0.72	0.39	14.9	1.52	0.91	22.5	1.44	0.97	37.9	1.20	0.57	
QDXTU7	258.4	0.47	0.17	36.0	0.07	0.53	5.4	-0.45	0.86	11.5	-0.30		29.9	-0.05	0.00	
QRELHD	198.0	-0.23	0.37	31.0	-0.49	0.40	7.0	-0.11	0.65	11.7	-0.27	0.30	27.3	-0.45	0.33	
RZTUJE	114.4	-1.20	0.15	25.0	-1.15	0.55	2.5	-1.04	0.09	5.1	-1.31	0.40	24.8	-0.85	0.20	
TPPYZA	241.1	0.27	2.04	38.4	0.33	1.92	9.6	0.43	3.17	19.0	0.89	2.55	31.2	0.15	2.85	
U2TV8G	230.8	0.15	0.17	33.0	-0.27	0.53	4.6	-0.61	0.00	11.5	-0.30		29.9	-0.05	0.00	
UQAG4E	234.2	0.19	0.10	39.4	0.44	0.85	11.3	0.77	0.48	18.8	0.86	0.13	33.0	0.44	0.26	
VHWEB8	143.7	-0.86	0.20	36.3	0.10	0.23	7.7	0.02	0.38	12.7	-0.11	0.30	30.3	0.02	0.33	
W7WLF6	111.7	-1.24	0.28	30.7	-0.53	0.64	5.5	-0.42		10.5	-0.46	0.26	28.2	-0.32	1.28	
WHBJK9	260.0	0.49		43.3	0.88	0.82	14.3	1.40	1.35	21.3	1.26	1.32	38.0	1.22	2.05	
Y4HQX7	264.5	0.55	0.11	38.3	0.32	0.53	12.3	0.97	0.86	19.2	0.92	0.70	33.0	0.43	0.76	
YLH377	71.0	-1.71	0.15	33.0	-0.27	0.40	9.8	0.46	0.39	13.3	-0.01	0.61	21.0	-1.44	0.57	
Z6UVYZ	89.0	-1.50	0.77	33.7	-0.19	0.61	12.7	1.06	1.35	16.3	0.47	0.80	27.7	-0.40	2.00	
ZG2VH8	217.7	0.00	0.03	18.3	-1.89	0.06	18.6	2.28	0.05	12.1	-0.20	0.12	15.2	-2.35	0.15	
ZY73X9	160.0	-0.67	0.61	42.6	0.80	1.87	14.7	1.48	4.02	20.0	1.05	3.39	37.3	1.11	3.46	



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	217.7	35.4	7.55	13.4	30.2	
Median Abs Dev	57.7	4.1	2.22	2.8	2.9	
Avg Within Lab SD	20.5	2.5	1.54	1.9	1.8	
Labs Included	51	50	46	50	50	
Labs Reporting	52	51	50	51	51	



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4NDY9W	28.5		0.69	275.0			49.6		0.47	93.0		0.31	84.6		0.48
79B96V	31.5		0.06	254.7		0.45	57.9		0.09	90.9		0.27	87.3		1.14
BYNV3Z	33.7		1.59	303.5		1.34	52.2		1.66	93.3		1.68	83.5		1.22
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	31.5			275.0			52.2			93.0			84.6		
Median Abs Dev															
Avg Within Lab SD	1.8			1.0			3.4			1.5			1.1		
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		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6JDA6V	36.3		1.00	311.0		1.40	46.3		0.59	101.0		1.00	105.7		0.85
QDXTU7	43.3		1.00	295.3		0.21	36.3		1.28	101.0			85.3		1.13
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	39.8			303.2			41.3			101.0			95.5		
Median Abs Dev															
Avg Within Lab SD	1.5			14.6			3.5			1.0			1.4		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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

Data units: mg/kg

WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PYJAFK	45.2		1.00	340.7		1.00	29.5		1.00	98.3		1.00	61.8		1.00

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

Data units: mg/kg

	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	45.2			340.7			29.5			98.3			61.8		
Median Abs Dev															
Avg Within Lab SD	0.3			2.0			2.2			0.6			0.3		
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				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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			
PYJAFK	3,683.3		1.00	10,961.7		1.00	492.8		1.00	2,366.5		1.00	954.2		1.00			
Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	3,683.3			10,961.7			492.8			2,366.5			954.2					
Median Abs Dev																		
Avg Within Lab SD	12.1			68.0			41.2			2.3			11.4					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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
PYJAFK	197.8		1.00	198.5			53.3		1.00	185.0			169.5		1.00			

Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups														Data units: mg/kg			
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410	
Grand Median	197.8			198.5			53.3			185.0			169.5				
Median Abs Dev	0.3			0.0			3.8			0.0			1.3				
Avg Within Lab SD	0.3			0.0			3.8			0.0			1.3				
Labs Included	1			1			1			1			1				
Labs Reporting	1			1			1			1			1				



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Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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			
PYJAFK	0.70		1.00	0.30		1.00	1.17		1.00	2.57		1.00	0.70		1.00			

Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	0.70			0.30			1.17			2.57			0.70					
Median Abs Dev																		
Avg Within Lab SD	0.00			0.00			0.06			0.06			0.00					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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
PYJAFK	0.10		1.00	0.10		1.00							0.20		1.00	0.10		1.00

Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	0.10			0.10						0.20			0.10					
Median Abs Dev																		
Avg Within Lab SD	0.00			0.00			0.00			0.00			0.00					
Labs Included	1			1			0			1			1					
Labs Reporting	1			1			0			1			1					



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Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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			
PYJAFK	1.2		1.00	40.7		1.00	6.0		1.00	17.2		1.00	4.1		1.00			

Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	1.20			40.7			6.00			17.2			4.13					
Median Abs Dev	0.00			0.2			0.52			0.1			0.06					
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EBVTPR	0.78		0.25	0.61		0.31	1.58		0.63	0.92		0.71	1.13		0.17
NXBQYC	1.88		1.42	2.99		1.54	1.63		1.01	1.68		1.30	1.17		0.20
QDXTU7	1.33		0.96	1.37		0.72	2.67		1.26	1.17		0.90	2.63		1.71
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	1.33			1.37			1.63			1.17			1.17		
Median Abs Dev															
Avg Within Lab SD	0.06			0.08			0.05			0.06			0.24		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	7.82	-0.76	0.33	4.05	0.75	0.51	6.00	-1.63	0.44	13.92	0.16	0.06	264.03	0.99	0.72	
EBVTPR	29.67	5.97X	0.25	3.93	0.63	0.09	8.41	0.48	0.07	18.55	6.82X	0.05	247.81	0.24	0.17	
HBYR9P	10.29	0.00	2.20	3.04	-0.39	2.38	9.13	1.11	2.39	15.05	1.79	2.21	257.42	0.68	2.25	
QAYCGC	13.52	1.00	0.22	3.73	0.39	0.25	7.20	-0.58	0.12	12.97	-1.20	0.20	218.64	-1.12	0.09	
RFY6YK	5.39	-1.51	0.01	2.89	-0.57	0.12	8.01	0.13	0.22	13.80	0.00	0.26	237.69	-0.24	0.25	
W7WLF6	10.64	0.11	0.08	2.23	-1.32	0.13	7.72	-0.13	0.09	13.65	-0.22	0.08	225.90	-0.78	0.57	

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	10.3			3.39			7.87			13.8			242.7			
Median Abs Dev	2.5			0.52			0.61			0.2			15.8			
Avg Within Lab SD	1.6			0.49			0.69			1.2			8.7			
Labs Included	5			6			6			5			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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	46.7	1.54	1.67	206.3	2.58	2.33	44.9	1.87	2.29	107.3	1.96	2.35	95.9	2.91	2.40	
EBVTPR	42.9	1.25	0.27	152.2	0.61	0.03	31.1	-0.98	0.11	88.8	0.65	0.37	68.4	-0.13	0.19	
HBYR9P	20.9	-0.41	1.33	138.8	0.12	0.43	38.7	0.59	0.58	79.3	-0.01	0.28	75.0	0.59	0.19	
QAYCGC	29.4	0.23	1.17	127.4	-0.29	0.25	36.6	0.16	0.55	69.5	-0.70	0.09	67.7	-0.22	0.35	
RFY6YK	23.2	-0.23	0.11	132.2	-0.12	0.08	34.5	-0.28	0.12	79.6	0.01	0.46	70.5	0.10	0.11	
W7WLF6	21.3	-0.38	0.04	126.7	-0.32	0.55	35.1	-0.16	0.29	69.2	-0.72	0.26	68.8	-0.10	0.19	

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	26.3			135.5			35.9			79.5			69.6			
Median Abs Dev	5.2			8.5			2.1			9.7			1.6			
Avg Within Lab SD	2.0			10.8			2.4			3.7			4.5			
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VRYD9	5,281.5	1.31	2.11	7,823.2	2.02	0.09	810.7	0.65	1.73	3,118.2	1.56	1.15	1,911.5	1.89	0.85
EBVTPR	6,857.0	2.35	0.37	6,495.3	0.95	0.46	653.7	-1.54	0.81	2,544.0	0.19	1.41	1,496.7	-0.53	0.42
HBYR9P	3,399.0	0.06	1.05	5,372.1	0.04	2.40	822.1	0.81	0.75	2,396.3	-0.16	1.00	1,714.6	0.74	0.48
QAYCGC	3,018.3	-0.19	0.54	5,271.7	-0.04	0.18	749.5	-0.20	0.78	1,951.0	-1.22	0.75	1,469.0	-0.69	1.98
RFY6YK	3,193.9	-0.08	0.03	4,672.1	-0.53	0.07	718.1	-0.64	0.42	2,530.6	0.16	0.97	1,571.3	-0.09	0.17
W7WLF6	3,219.7	-0.06	0.04	4,746.3	-0.47	0.05	778.5	0.20	1.00	2,151.0	-0.75	0.46	1,603.7	0.09	0.97

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	3,309.3			5,321.9			764.0			2,463.4			1,587.5		
Median Abs Dev	203.2			612.7			46.3			196.5			104.6		
Avg Within Lab SD	226.6			278.2			18.9			37.1			41.6		
Labs Included	6			6			6			6			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		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
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
4VRYD9	2,058.3	1.85	2.33	666.7	2.99	2.31	85.0	1.36	2.21	314.2	2.19	2.20	327.5	2.62	2.19
EBVTPR	1,430.6	0.70	0.09	416.4	0.26	0.24	58.2	-1.17	0.45	200.8	0.05	0.58	197.5	-0.51	0.39
HBYR9P	911.8	-0.26	0.13	396.2	0.04	0.69	74.8	0.40	0.17	195.5	-0.05	0.50	240.3	0.52	0.23
QAYCGC	799.1	-0.47	0.62	376.8	-0.18	0.33	67.1	-0.33	0.54	153.9	-0.83	0.26	210.0	-0.21	0.89
RFY6YK	1,194.4	0.26	0.17	389.7	-0.04	0.03	65.8	-0.45	0.26	214.4	0.31	0.59	222.6	0.09	0.24
W7WLF6	777.7	-0.51	0.34	342.3	-0.55	0.14	74.1	0.33	0.73	165.2	-0.62	0.43	215.0	-0.09	0.38

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	1,053.1			392.9			70.6			198.2			218.8		
Median Abs Dev	264.7			19.8			4.5			24.6			15.1		
Avg Within Lab SD	50.6			34.8			3.0			5.6			6.0		
Labs Included	6			6			6			6			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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VRYD9	4.55	0.54	0.51	15.63	2.14	1.58	20.12	1.10	1.79	63.99	1.68	2.29	27.25	2.00	1.17
EBVTPR	10.43	2.38	0.63	13.00	1.23	0.28	14.70	-0.49	0.31	53.67	0.56	0.35	18.27	0.00	0.39
HBYR9P	2.83	0.00	1.41	9.45	0.00	1.72	18.83	0.73	0.78	43.33	-0.56	0.37	19.12	0.19	1.90
L2WMLQ	1.77	-0.33		7.90	-0.54		15.62	-0.22		48.48	0.00		16.80	-0.33	
QAYCGC	2.65	-0.05	0.57	10.50	0.36	0.35	14.69	-0.49	1.23	34.37	-1.53	0.10	14.35	-0.87	0.40
RFY6YK	1.59	-0.39	0.04	8.22	-0.42	0.06	16.37	0.00	0.68	48.89	0.04	0.68	16.83	-0.32	0.32
W7WLF6	6.11	1.03	1.74	9.37	-0.03	0.57	22.10	1.69	0.35	45.23	-0.35	0.18	22.84	1.02	0.77

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	2.83			9.45			16.4			48.5			18.3		
Median Abs Dev	1.23			1.23			1.7			5.1			1.5		
Avg Within Lab SD	0.24			0.96			0.3			1.9			0.6		
Labs Included	7			7			7			7			7		
Labs Reporting	7			7			7			7			7		



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	0.822	-0.81	0.04				3.296	-1.38	0.37	6.452	0.00	1.16	3.392	-1.31	0.37	
EBVTPR	5.417	2.02	0.27	0.073	0.88	1.21	3.383	-1.11	0.23	7.590	1.13	0.55	3.927	0.42	0.63	
HBYR9P	2.315	0.11	2.43	0.001	-1.25		4.253	1.56	1.40	6.450	0.00	1.72	4.223	1.38	1.86	
L2WMLQ	0.781	-0.83		0.050	0.20		3.744	0.00		7.166	0.71		3.797	0.00		
QAYCGC	2.320	0.11	0.11	0.057	0.39	1.21	3.760	0.05	1.01	5.410	-1.03	0.44	3.680	-0.38	1.20	
RFY6YK	0.782	-0.83	0.02	0.004	-1.14	0.89	3.921	0.54	0.50	7.519	1.06	1.10	4.101	0.99	0.26	
W7WLF6	2.137	0.00	0.06	0.037	-0.20	0.53	3.717	-0.08	1.60	5.660	-0.79	0.08	3.723	-0.24	0.72	

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	2.14			0.043			3.74			6.45			3.80			
Median Abs Dev	1.31			0.022			0.18			0.79			0.13			
Avg Within Lab SD	0.33			0.005			0.11			0.13			0.13			
Labs Included	7			6			7			7			7			
Labs Reporting	7			6			7			7			7			



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BAULWP	0.60	-0.12	1.73	1.11	-0.54	0.45	1.30	-0.76	0.41	0.91	-0.31	0.02	1.25	-0.27	0.47
ERFJNR	0.47	-1.13	0.00	0.95	-1.47	0.37	1.13	-1.76	0.47	0.78	-0.99	0.09	1.04	-1.63	0.45
F3NREN	0.62	0.12	1.35	1.28	0.49	1.49	1.46	0.22	2.15	1.07	0.49	0.38	1.33	0.27	1.52
HBYR9P	0.83	1.76	1.56	1.28	0.50	1.78	1.47	0.23	0.73	1.25	1.45	0.12	1.41	0.74	0.19
KZQV3Q	0.52	-0.73	0.00	1.15	-0.27	0.37	1.41	-0.09	1.40	0.92	-0.29	0.11	1.23	-0.40	0.78
L8NXVN	0.58	-0.25	0.67	1.08	-0.74	0.32	1.20	-1.36	0.00	0.92	-0.28	0.03	1.18	-0.73	0.00
MNRZYE	0.63	0.13	0.54	1.24	0.27	0.26	1.54	0.65	0.65	1.03	0.30	0.31	1.37	0.50	0.62
PR3FGH	0.49	-1.00	1.01	0.97	-1.39	1.33	1.22	-1.23	0.47	0.83	-0.75	0.23	1.08	-1.36	1.62
TPPYZA	0.72	0.94		1.30	0.58		1.44	0.09		1.03	0.28		1.35	0.40	
ZY73X9	0.68	0.57	0.00	1.28	0.49	1.10	1.49	0.36	0.93	1.28	1.60	2.94	1.36	0.43	1.62

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	0.61			1.20			1.43			0.97			1.29		
Median Abs Dev	0.08			0.09			0.09			0.08			0.07		
Avg Within Lab SD	0.01			0.02			0.01			0.11			0.01		
Labs Included	10			10			10			10			10		
Labs Reporting	10			10			10			10			10		



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43FCM9	39.2	0.08	0.53	42.3	0.49	0.07	20.8	-0.39	0.46	19.4	0.65	0.07	348.8	0.07	0.10	
BAULWP	39.7	0.28	0.39	35.7	-0.93	0.43	37.0	5.35X		17.7	0.00	0.68	332.7	-0.15	0.04	
CMENRL	39.0	0.00	0.67	40.0	0.00	0.75	24.0	0.74	1.01	17.0	-0.26	1.17	174.3	-2.35	0.96	
GWYTKT	35.3	-1.52	1.03	39.0	-0.21	1.30	20.7	-0.44	1.54	15.3	-0.90	1.79	285.3	-0.81	1.20	
HUFT9J	40.9	0.77	2.37	45.9	1.26	1.80	23.1	0.41	0.86	20.6	1.13	1.24	366.3	0.31	1.89	
LGX8DF	37.7	-0.55	0.39	39.0	-0.21	0.75	23.0	0.39		20.0	0.90	1.17	450.7	1.48	0.35	
UQAG4E	40.1	0.44	0.50	49.8	2.09	1.12	24.4	0.90	1.08	20.6	1.12	0.72	368.5	0.34	0.50	
Y7RQ3C	33.4	-2.32	0.74	40.3	0.07	0.38	18.9	-1.06	0.83	16.4	-0.47	0.65	343.7	0.00	0.85	
YLH377	38.8	-0.10	0.71	36.2	-0.81	1.17	18.9	-1.06	0.91	16.0	-0.64	0.35	304.0	-0.55	1.40	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	39.0			40.0			21.9			17.7			343.7			
Median Abs Dev	1.1			2.3			1.7			1.7			24.8			
Avg Within Lab SD	1.5			1.3			1.0			0.9			12.9			
Labs Included	9			9			8			9			9			
Labs Reporting	9			9			9			9			9			



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	41.7	-0.56	0.16	45.0	0.05	0.22	45.9	-0.11	0.14	21.0	-0.11	0.21	374.0	-0.39	0.17
2K2EBX	45.7	0.24	0.30	42.0	-0.51	1.74	47.7	0.25	0.79	22.0	0.34	1.01	375.3	-0.35	1.69
2YHCA7	45.1	0.13	0.04	47.4	0.51	0.44	50.9	0.92	0.21	20.9	-0.13	0.63	399.8	0.37	0.35
3269HX	38.0	-1.31	0.81	40.1	-0.86	1.25	39.0	-1.55	1.07	18.7	-1.08	1.68	335.1	-1.53	0.45
43FCM9	45.8	0.28	0.16	47.5	0.53	0.10	46.1	-0.07	0.08	21.9	0.29	0.56	404.5	0.51	0.07
4L6ZL3	42.3	-0.45	0.01	46.2	0.28	0.02	45.9	-0.11	0.02	22.8	0.69	0.02	356.8	-0.89	0.01
4NDY9W	51.3	1.39	0.30	46.1	0.26	0.31	46.1	-0.08	0.30	21.1	-0.05	0.27	425.0	1.11	0.17
62EWVU	38.2	-1.28	0.43	38.3	-1.20	0.76	43.9	-0.53	0.27	17.7	-1.52	0.56	356.8	-0.89	0.30
79B96V	45.3	0.16	0.18	39.9	-0.90	0.20	46.1	-0.07	0.17	21.4	0.08	0.59	338.8	-1.42	0.08
8PEAC3	42.4	-0.43	0.36	38.9	-1.10	0.75	44.5	-0.41	1.75	19.2	-0.88	0.27	368.6	-0.55	1.41
9NWBZQ	39.4	-1.04	0.38	40.4	-0.81	0.57	47.0	0.12	0.78	19.9	-0.56	0.39	361.6	-0.75	0.31
APMB3T	43.2	-0.27	0.02	44.4	-0.06	0.03	42.6	-0.79	0.07	20.2	-0.43	0.05	399.7	0.37	0.10
BAULWP	45.0	0.11	0.36	42.2	-0.47	0.00	44.6	-0.39	0.00	20.9	-0.14	0.70	399.0	0.35	0.23
BYNV3Z	42.5	-0.41	0.13	48.6	0.73	0.56	44.9	-0.32	0.26	20.9	-0.16	0.63	398.8	0.34	0.33
DREGAU	44.1	-0.07	0.27	44.1	-0.12	0.64	48.3	0.37	0.39	20.2	-0.45	0.62	371.1	-0.47	0.15
ERFJNR	51.1	1.35	1.31	45.7	0.18	0.84	52.4	1.22	0.17	23.6	1.00	0.44	387.7	0.02	0.17
F3NREN	45.2	0.15	1.05	50.1	1.01	2.05	47.7	0.26	3.28	23.0	0.75	0.66	401.8	0.43	0.94
FKQJLJ	42.2	-0.45	0.16	42.3	-0.44	0.10	42.6	-0.79	0.53	19.9	-0.55	0.21	368.0	-0.56	1.20
GRMRFP	49.0	0.92		48.0	0.62		42.0	-0.92		27.3	2.62	0.58	343.0	-1.30	
GWYTKT	46.7	0.45	2.19	52.0	1.37	0.87	48.0	0.31	1.19	23.0	0.76	2.01	395.3	0.24	3.23
KZQV3Q	44.6	0.03	0.28	43.2	-0.28	0.29	40.8	-1.17	0.74	20.4	-0.33	0.53	325.4	-1.81	1.22
L4NLZP	46.8	0.46	0.13	48.1	0.64	0.44	53.9	1.53	0.58	22.4	0.51	0.44	418.7	0.92	0.26
L8NXVN	41.7	-0.57	0.30	45.0	0.06	0.87	44.3	-0.44	1.05	21.7	0.19	0.58	389.3	0.06	0.22
MAAYEH	42.0	-0.50		40.7	-0.76	0.50	44.3	-0.44	0.40	21.0	-0.09	1.01	386.7	-0.02	0.18
MLDJEL	48.8	0.88	0.07	49.6	0.93	0.17	54.1	1.58	0.29	24.2	1.29	0.24	451.4	1.88	0.08
MNRZYE	45.1	0.13	0.33	46.7	0.38	0.23	53.1	1.37	0.87	23.8	1.09	0.06	407.0	0.58	0.08



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MPHXDD	42.7	-0.37	0.17	44.0	-0.13	0.36	52.2	1.18	0.07	20.8	-0.18	0.39	374.9	-0.36	0.15	
ND3HTL	51.8	1.49		53.0	1.56		34.4	-2.49X		34.7	5.77X		340.5	-1.37		
ND4E4G	54.5	2.04	1.00	44.4	-0.05	1.18	55.4	1.84	1.05	21.2	-0.02	0.12	399.0	0.35	0.46	
NXBQYC	44.7	0.04	2.26	42.6	-0.40	3.52	49.7	0.66	1.78	20.8	-0.20	3.09	396.3	0.27	3.61	
PR3FGH	43.6	-0.17	0.22	39.3	-1.02	0.22	46.7	0.04	0.96	19.3	-0.83	0.30	348.9	-1.12	0.27	
PRZ3XF	41.5	-0.60	0.28	47.6	0.54	0.16	44.6	-0.38	1.26	21.3	0.02	0.35	368.9	-0.54	0.70	
PYJAFK	55.9	2.32	0.09	56.1	2.15	0.66	51.4	1.02	0.16	29.0	3.35	0.26	397.5	0.30	0.78	
QAYCGC	37.5	-1.41	0.46	40.7	-0.75	1.46	51.6	1.06	1.42	21.6	0.18	0.71	373.0	-0.42	0.83	
QJFDMK	58.5	2.84X	0.04	51.4	1.26	0.33	46.4	-0.01	0.26	31.9	4.58X	0.02	523.6	4.00X	0.28	
RCLDZ6	43.5	-0.20	3.68	37.8	-1.29	0.67	50.8	0.90	0.20	16.8	-1.88	0.29	391.5	0.13	0.13	
RFGAGJ	34.9	-1.94	2.78	36.6	-1.53	2.77	37.4	-1.87	2.14	19.2	-0.86	1.31	331.5	-1.63	1.52	
RFY6YK	45.3	0.16	0.06	48.0	0.62	0.16	47.9	0.28	0.62	25.3	1.73	0.14	392.0	0.14	0.08	
RZTUJE	45.5	0.21	0.06	42.1	-0.49	0.86	46.5	0.00	0.92	23.6	1.01	0.38	380.1	-0.21	0.79	
TPPYZA	63.4	3.83X	0.08	37.0	-1.46	1.26	41.3	-1.06	1.65	24.1	1.25	3.91	279.0	-3.17X	1.53	
U2TV8G	44.3	-0.03	0.30	46.7	0.37	0.91	47.5	0.21	0.34	20.8	-0.16	0.29	423.2	1.05	0.17	
UC77JD	44.3	-0.03	0.30	47.3	0.49	0.50	45.7	-0.17	0.40	22.0	0.34		384.0	-0.09	0.23	
UQAG4E	38.5	-1.20	0.10	42.5	-0.41	0.16	48.1	0.33	0.15	21.3	0.05	0.23	424.3	1.09	0.08	
W7WLF6	37.2	-1.47	0.22	41.1	-0.67	0.42	46.4	-0.02	0.06	20.6	-0.28	0.68	367.7	-0.57	0.15	
XN8PNA	45.9	0.30	0.07	47.1	0.44	0.40	52.2	1.18	0.77	22.8	0.68	0.48	406.7	0.57	0.17	
ZY73X9	52.7	1.68	1.86	46.5	0.33	1.06	56.2	2.00	2.07	22.6	0.58	0.76	435.0	1.40	1.93	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	44.5			44.7			46.5			21.2			387.2			
Median Abs Dev	2.2			2.9			2.1			1.1			17.8			
Avg Within Lab SD	1.9			1.1			1.5			1.0			11.5			
Labs Included	44			46			45			44			44			
Labs Reporting	46			46			46			46			46			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	37.7	-0.34	0.24	476.7	-0.57	0.40	52.0	0.02	0.15	129.0	0.03	0.55	98.3	0.34	0.47
2K2EBX	39.0	-0.22	0.28	466.3	-0.83	0.72	45.7	-0.89	0.38	129.0	0.03	1.57	84.7	-1.07	0.18
2YHCA7	41.6	0.02	0.32	499.4	0.01	0.29	52.0	0.03	0.20	123.2	-0.30	1.09	97.0	0.20	0.40
43FCM9	42.6	0.11	0.09	541.6	1.07	0.27	48.6	-0.47	0.02	133.4	0.29	0.05	98.0	0.31	0.22
4L6ZL3	41.1	-0.03	0.03	525.8	0.67	0.01	58.9	1.02	0.02	123.8	-0.27	0.01	93.9	-0.12	0.03
4NDY9W	45.9	0.43	0.32	488.0	-0.28	0.91	63.0	1.61	0.33	139.9	0.67	0.37	107.3	1.28	0.47
62EWVU	36.4	-0.47	0.39	485.2	-0.35	0.21	51.5	-0.05	1.13	119.0	-0.55	0.97	95.0	0.00	0.65
79B96V	39.2	-0.21	0.12	455.9	-1.09	0.16	47.2	-0.67	0.13	112.7	-0.91	0.46	95.9	0.09	0.12
8PEAC3	45.3	0.37	1.21	491.3	-0.20	1.48	53.4	0.22	0.93	127.2	-0.07	1.62	91.0	-0.41	0.42
9NWBZQ	41.6	0.02	0.74	503.8	0.11	1.05	57.9	0.88	0.45	141.4	0.75	0.27	105.3	1.07	0.63
APMB3T	34.5	-0.65	0.05	507.4	0.21	0.11	44.2	-1.10	0.12	118.2	-0.59	0.44	86.5	-0.88	0.38
BAULWP	40.7	-0.07	0.16	467.0	-0.81	0.32	50.0	-0.26		115.7	-0.74	0.12	90.7	-0.45	0.18
BYNV3Z	54.1	1.20	1.75	514.7	0.39	2.39	68.9	2.46	3.10	139.5	0.64	0.83	102.0	0.73	1.24
CMENRL	42.3	0.09	0.71	457.3	-1.06	0.48	48.7	-0.46	0.95	127.7	-0.04	0.32	98.7	0.38	0.47
DREGAU	40.6	-0.08	0.46	485.4	-0.35	0.61	51.6	-0.03	0.75	118.3	-0.59	0.13	90.1	-0.51	0.34
ERFJNR	43.1	0.16	0.62	472.3	-0.68	0.43	49.5	-0.34	0.71	126.0	-0.14	0.04	92.4	-0.27	0.34
F3NREN	43.1	0.16	0.54	528.0	0.73	0.91	58.5	0.96	2.44	139.2	0.63	1.72	97.1	0.21	2.29
FKQJLJ	38.8	-0.24	0.81	460.0	-0.99	0.52	50.1	-0.26	0.22	122.3	-0.35	0.24	88.8	-0.65	1.52
GRMRFP	60.0	1.75		461.0	-0.96		61.0	1.32		138.0	0.55		98.0	0.31	
GWYTKT	38.0	-0.32	0.75	499.0	-0.01	1.74	66.0	2.05	2.30	122.7	-0.33	0.12	99.0	0.41	0.30
KZQV3Q	35.0	-0.60	0.06	527.3	0.71	0.19	50.5	-0.19	0.78	125.1	-0.19	1.15	82.6	-1.28	1.54
L4NLZP	15.5	-2.43X	0.13	237.5	-6.61X	0.23	24.9	-3.88X	0.21	56.5	-4.16X	0.36	45.0	-5.18X	0.32
L8NXVN	36.0	-0.51		476.3	-0.58	0.59	51.7	-0.02	0.38	126.3	-0.12	0.43	90.0	-0.52	0.53
MAAYEH	40.7	-0.07	0.16	500.7	0.04	1.00	53.7	0.26	0.50	134.0	0.32	0.21	95.3	0.03	0.47
MLDJEL	47.0	0.53	0.23	525.6	0.67	0.41	59.6	1.12	0.39	151.6	1.34	0.27	110.7	1.63	0.30
MNRZYE	51.5	0.96	2.47	611.9	2.85X	0.56	57.8	0.86	0.43	157.2	1.67	0.67	112.9	1.86	0.61



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MPHXDD	41.4	0.00	0.24	488.7	-0.27	0.37	50.5	-0.19	0.35	130.4	0.11	0.72	92.5	-0.26	0.38
ND3HTL	103.5	5.85X		565.1	1.66		63.1	1.63		184.8	3.26X		104.8	1.02	
ND4E4G	36.2	-0.49	0.22	424.0	-1.90	1.07	46.6	-0.76	0.26	101.2	-1.57	0.64	84.1	-1.13	0.20
PR3FGH	36.0	-0.50	0.79	460.4	-0.98	0.58	49.2	-0.38	0.06	119.9	-0.49	0.22	89.2	-0.60	0.29
PRZ3XF	37.5	-0.37	0.19	501.3	0.05	0.72	47.2	-0.66	0.71	127.9	-0.03	0.56	88.3	-0.69	0.25
QAYCGC	57.9	1.56	0.24	595.7	2.44	2.80	58.5	0.96	1.26	172.0	2.52	0.66	112.0	1.77	1.14
QJFDMK	71.8	2.87	0.12	532.6	0.84	0.21	48.8	-0.43	0.19	161.4	1.91	0.04	99.9	0.50	0.04
RCLDZ6	38.3	-0.29	0.92	463.8	-0.89	1.00	53.0	0.17	0.16	112.5	-0.92	0.42	91.5	-0.36	0.15
RFGAGJ	83.6	3.98X	2.95	539.2	1.01	0.53	54.4	0.37	2.44	162.9	1.99	0.58	89.8	-0.54	0.63
RFY6YK	65.6	2.28	0.14	498.2	-0.03	0.14	44.6	-1.05	0.12	148.1	1.14	0.02	85.0	-1.04	0.16
RZTUJE	73.1	2.98	0.22	543.3	1.11	1.78	53.0	0.17	0.40	165.5	2.15	0.19	99.0	0.41	0.75
TPPYZA	58.6	1.62	4.73	487.9	-0.28	2.24	26.4	-3.67X	0.00	140.6	0.70	4.12	73.5	-2.23	2.62
U2TV8G	37.8	-0.33	0.29	523.3	0.61	0.70	53.8	0.29	0.09	127.8	-0.03	0.74	96.7	0.17	0.84
UC77JD	32.7	-0.82	0.16	433.0	-1.67	0.16	41.7	-1.47	0.19	115.7	-0.74	0.43	84.7	-1.07	0.18
W7WLF6	41.9	0.05	0.24	513.0	0.35	0.56	60.8	1.29	0.43	135.1	0.39	0.15	99.1	0.43	0.43
XN8PNA	73.8	3.05	0.11	501.5	0.06	0.17	48.7	-0.46	0.16	151.7	1.34	0.13	91.3	-0.38	0.29
Y7RQ3C	37.9	-0.32	0.51	507.7	0.22	0.73	48.8	-0.44	0.71	127.8	-0.04	0.49	90.5	-0.47	0.99
ZY73X9	47.0	0.53	0.28	523.0	0.60	1.34	52.3	0.07	1.69	130.3	0.11	2.58	103.7	0.90	3.83

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	41.4			499.2			51.8			128.4			95.0		
Median Abs Dev	3.9			25.2			3.2			9.5			4.8		
Avg Within Lab SD	3.5			12.7			3.0			4.8			3.3		
Labs Included	41			42			42			42			43		
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	3,094.7	-0.44	0.04	8,044.3	-0.35	0.01	749.7	-0.77	0.05	2,611.3	-0.25	0.13	1,568.3	-0.31	0.14
2K2EBX	4,039.0	0.46	0.50	9,241.7	0.95	0.24	919.7	0.93	0.91	3,123.3	1.09	0.94	1,715.3	0.69	0.58
2YHCA7	3,643.8	0.08	0.03	8,170.6	-0.21	0.27	893.3	0.66	0.95	2,700.4	-0.01	0.35	1,693.6	0.54	0.33
43FCM9	3,736.1	0.17	0.10	8,964.7	0.65	0.06	784.2	-0.43	0.36	2,779.4	0.19	0.16	1,733.9	0.82	0.36
4NDY9W	4,725.7	1.11	5.56	6,750.3	-1.75	0.07	939.3	1.13	0.57	2,842.3	0.36	0.42	1,814.7	1.37	0.57
62EWVU	3,006.6	-0.52	0.31	7,971.7	-0.43	0.97	765.3	-0.62	0.89	2,338.1	-0.96	0.54	1,542.2	-0.49	0.78
79B96V	3,547.3	-0.01	0.05	8,812.3	0.48	0.24	879.7	0.53	0.40	2,670.3	-0.09	0.16	1,644.3	0.21	0.36
8PEAC3	3,474.0	-0.08	0.40	7,807.3	-0.60	2.02	737.9	-0.89	0.69	2,720.0	0.04	1.14	1,639.3	0.17	0.46
9NWBZQ	3,370.0	-0.18	0.36	8,641.7	0.30	1.43	904.0	0.77	1.03	2,794.5	0.23	0.50	1,691.9	0.53	2.28
BYNV3Z	3,649.6	0.09	0.53	8,703.5	0.36	2.64	938.1	1.11	1.85	2,697.6	-0.02	1.66	1,688.6	0.51	1.82
DREGAU	3,550.2	-0.01	0.16	8,638.9	0.29	0.50	860.6	0.34	0.50	2,525.7	-0.47	0.41	1,621.0	0.05	0.36
ERFJNR	3,325.7	-0.22	0.29	8,360.0	-0.01	0.40	835.0	0.08	0.47	2,582.1	-0.32	0.43	1,627.3	0.09	0.32
F3NREN	4,114.5	0.53	0.94	9,923.3	1.68	1.87	1,026.4	2.00	0.53	3,082.5	0.98	1.13	1,903.4	1.97	0.78
FKQJLJ	3,418.3	-0.13	0.69	7,648.7	-0.78	1.30	780.7	-0.46	1.47	2,513.3	-0.50	0.50	1,541.3	-0.49	1.19
GRMRFP	4,613.0	1.00		7,571.0	-0.86		832.0	0.05		3,293.0	1.53		1,755.0	0.96	
GWYTKT	3,420.3	-0.13	0.53	8,184.0	-0.20	1.04	1,150.3	3.24X	5.17	2,577.0	-0.34	0.19	1,833.7	1.50	1.26
KZQV3Q	3,315.0	-0.23	0.05	10,110.0	1.88	0.31	795.0	-0.32	1.28	2,555.0	-0.39	1.11	1,429.0	-1.26	2.02
L4NLZP	3,110.4	-0.42	0.12	8,259.6	-0.12	0.24	824.5	-0.02	0.26	2,336.6	-0.96	0.38	1,557.2	-0.39	0.89
L8NXVN	3,489.0	-0.06	0.22	7,832.0	-0.58	0.34	896.0	0.69	0.18	2,617.0	-0.23	0.33	1,592.0	-0.15	0.55
MAAYEH	3,671.3	0.11	0.53	8,651.7	0.31	0.22	810.0	-0.17	0.70	2,841.7	0.36	1.10	1,606.7	-0.05	0.40
MLDJEL	4,148.2	0.56	0.17	9,632.1	1.37	0.19	805.8	-0.21	0.58	3,009.9	0.79	0.26	1,759.9	0.99	0.42
MNRZYE	3,373.7	-0.17	0.55	7,709.5	-0.71	0.30	912.3	0.85	1.41	2,791.2	0.22	0.44	1,722.8	0.74	0.11
MPHXDD	3,553.4	0.00	0.40	8,464.3	0.11	0.31	852.3	0.25	1.00	2,614.8	-0.24	0.30	1,549.2	-0.44	0.54
ND3HTL	5,527.6	1.87		7,355.7	-1.09		985.7	1.59		2,994.4	0.75		1,584.0	-0.20	
ND4E4G	3,648.3	0.09	0.03	7,767.0	-0.65	0.77	860.3	0.33	0.47	2,499.3	-0.54	0.78	1,590.7	-0.16	0.32
PR3FGH	3,319.4	-0.22	0.18	7,827.4	-0.58	0.40	790.5	-0.36	0.95	2,509.6	-0.51	0.71	1,503.2	-0.75	0.85



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PRZ3XF	3,406.5	-0.14	0.17	8,080.7	-0.31	0.55	802.3	-0.25	1.76	2,609.3	-0.25	0.70	1,527.7	-0.59	0.75
PYJAFK	6,240.7	2.55	0.04	9,671.0	1.41	0.31	797.0	-0.30	0.24	3,475.3	2.01	0.54	1,648.0	0.23	1.14
QAYCGC	4,107.2	0.52	0.20	8,602.7	0.26	0.55	912.2	0.85	1.53	3,458.2	1.97	0.46	1,800.5	1.27	0.72
QJFDMK	6,891.7	3.16	0.17	12,507.3	4.47X	0.23	839.5	0.13	0.24	3,348.5	1.68	0.04	160.9	-9.89X	0.02
RCLDZ6	3,246.0	-0.29	0.70	7,245.0	-1.21	0.91	829.3	0.02	0.82	2,194.3	-1.33	0.51	1,500.8	-0.77	0.21
RFGAGJ	5,886.4	2.21	1.51	9,775.7	1.52	0.56	795.8	-0.31	3.27	3,254.1	1.43	0.26	1,510.6	-0.70	0.64
RFY6YK	5,329.9	1.68	0.16	8,372.2	0.01	0.03	702.7	-1.24	0.39	3,020.9	0.82	0.13	1,452.6	-1.10	0.11
RZTUJE	5,894.8	2.22	1.13	9,166.7	0.87	2.54	733.8	-0.93	0.98	3,252.3	1.43	0.54	1,540.8	-0.50	0.21
TPPYZA	6,823.8	3.10	0.17	9,112.0	0.81	2.47	620.9	-2.06	1.04	3,301.7	1.56	4.73	1,368.7	-1.67	2.01
U2TV8G	3,695.5	0.13	0.11	8,027.7	-0.37	0.05	906.5	0.80	0.34	2,734.8	0.08	0.62	1,725.0	0.76	0.95
UC77JD	3,166.0	-0.37	0.02	7,251.7	-1.20	0.03	720.7	-1.06	0.06	2,260.0	-1.16	0.04	1,475.0	-0.95	0.09
W7WLF6	3,502.2	-0.05	0.04	7,766.0	-0.65	0.38	986.0	1.59	0.20	2,705.5	0.00	0.57	1,723.3	0.75	0.35
XN8PNA	6,001.3	2.32	0.04	9,146.4	0.84	0.02	713.9	-1.13	0.08	3,148.0	1.16	0.03	1,524.3	-0.61	0.16
Y7RQ3C	3,556.0	0.00	0.42	8,522.0	0.17	0.89	774.0	-0.53	0.73	2,590.3	-0.30	0.56	1,515.7	-0.67	0.40
ZY73X9	3,536.7	-0.02	0.36	8,444.7	0.08	0.68	808.7	-0.18	0.71	2,672.7	-0.09	1.42	1,701.3	0.60	3.00

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	3,556.0			8,366.1			826.9			2,705.5			1,613.8		
Median Abs Dev	236.6			548.7			57.3			179.8			88.5		
Avg Within Lab SD	308.6			302.2			33.4			102.0			39.3		
Labs Included	41			40			40			41			40		
Labs Reporting	41			41			41			41			41		



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	849.7	-0.64	0.05	627.3	-1.11	0.22	78.9	-0.45	0.33	215.3	-0.50	0.29	249.7	-0.20	0.16
2K2EBX	948.0	-0.29	1.03	684.0	-0.10	0.54	86.0	0.19	0.58	239.7	0.24	1.61	246.0	-0.36	0.36
2YHCA7	1,050.8	0.08	0.97	713.0	0.42	0.27	90.1	0.56	0.82	224.1	-0.23	0.64	265.1	0.51	0.67
43FCM9	1,029.5	0.00	0.13	703.5	0.25	0.44	80.7	-0.29	0.25	231.0	-0.02	0.17	271.9	0.82	0.50
4NDY9W	1,089.0	0.21	0.09	773.3	1.49	0.07	96.9	1.17	0.30	246.3	0.44	0.57	290.7	1.68	0.21
62EWVU	890.7	-0.50	0.39	652.2	-0.67	0.45	78.3	-0.51	0.69	198.7	-1.00	0.44	246.3	-0.35	0.90
79B96V	991.7	-0.13	0.10	643.3	-0.82	0.24	82.3	-0.15	0.20	217.6	-0.43	0.14	271.0	0.78	0.59
8PEAC3	955.9	-0.26	0.77	662.6	-0.48	1.67	72.9	-0.99	0.56	216.8	-0.45	0.50	234.3	-0.90	0.48
9NWBZQ	1,048.7	0.07	0.32	708.2	0.33	1.54	94.4	0.95	0.96	240.2	0.25	0.48	284.2	1.38	2.52
BYNV3Z	1,044.5	0.05	1.27	687.6	-0.03	2.06	95.0	1.00	1.29	228.9	-0.09	1.34	262.1	0.37	0.93
DREGAU	988.9	-0.14	0.14	684.7	-0.09	0.79	83.9	0.00	0.33	214.9	-0.51	0.71	250.3	-0.17	0.52
ERFJNR	903.4	-0.45	0.05	652.7	-0.66	0.44	83.0	-0.08	0.49	219.9	-0.36	0.17	250.9	-0.14	0.17
F3NREN	1,072.0	0.15	1.28	728.2	0.69	1.68	85.5	0.14	2.18	240.4	0.26	0.71	260.4	0.30	1.23
FKQJLJ	961.3	-0.24	1.21	607.7	-1.46	1.23	80.3	-0.33	1.14	208.3	-0.71	0.57	236.7	-0.79	1.08
GRMRFP	1,034.0	0.02		662.0	-0.49		106.0	2.00		276.0	1.34		282.0	1.28	
GWYTKT	962.3	-0.24	1.02	699.3	0.17	1.06	98.3	1.30	4.15	222.0	-0.30	0.30	261.3	0.34	0.81
KZQV3Q	948.6	-0.29	0.08	689.6	0.00	0.07	75.4	-0.77	0.91	209.5	-0.67	1.05	224.9	-1.33	1.96
L4NLZP	860.7	-0.60	0.15	654.2	-0.63	0.50	81.1	-0.26	0.26	196.3	-1.07	0.27	244.5	-0.43	0.47
L8NXVN	965.7	-0.23	0.51	633.7	-0.99	0.46	87.7	0.34	0.13	218.7	-0.40	0.24	248.7	-0.24	0.43
MAAYEH	1,125.3	0.34	0.81	697.7	0.14	0.40	82.0	-0.17	0.88	238.7	0.21	0.43	255.7	0.08	1.08
MLDJEL	1,259.9	0.82	0.38	760.2	1.26	0.07	88.4	0.40	0.41	266.1	1.04	0.42	289.3	1.62	0.08
MNRZYE	945.7	-0.30	1.15	637.2	-0.93	0.48	82.7	-0.11	0.46	223.8	-0.24	0.50	254.3	0.01	0.66
MPHXDD	1,044.0	0.05	0.31	667.6	-0.39	0.30	85.4	0.13	0.42	231.8	0.00	0.78	253.9	0.00	0.14
ND3HTL	1,335.9	1.09		727.1	0.67		95.2	1.02		272.2	1.22		247.5	-0.29	
ND4E4G	981.3	-0.17	0.45	661.7	-0.50	0.17	94.0	0.91	0.22	205.7	-0.79	0.73	274.0	0.92	0.94
PR3FGH	914.2	-0.41	0.32	625.9	-1.13	0.47	74.3	-0.87	0.61	197.8	-1.03	0.68	231.2	-1.04	0.51



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PRZ3XF	956.8	-0.26	0.52	676.4	-0.23	0.60	86.2	0.21	1.58	223.7	-0.24	0.90	246.5	-0.34	0.77
PYJAFK	1,953.3	3.29	0.10	738.7	0.87	0.25	84.3	0.04	0.70	281.3	1.50	0.54	247.7	-0.29	1.10
QAYCGC	1,425.1	1.41	1.88	804.2	2.04	2.09	85.2	0.11	1.11	290.3	1.77	0.48	285.1	1.42	1.25
QJFDMK	2,159.5	4.03X	0.27	740.5	0.91	0.05	77.2	-0.61	0.17	285.2	1.61	0.03	276.8	1.04	0.09
RCLDZ6	898.5	-0.47	1.31	654.5	-0.62	1.07	94.3	0.94	0.60	200.8	-0.94	0.32	251.5	-0.11	0.13
RFGAGJ	1,762.2	2.61	2.62	733.1	0.77	0.30	66.8	-1.55	0.89	268.3	1.10	0.23	230.2	-1.08	0.42
RFY6YK	1,807.2	2.77	0.20	691.3	0.03	0.11	70.1	-1.25	0.24	257.7	0.78	0.04	228.1	-1.18	0.10
RZTUJE	1,961.9	3.33	3.26	757.1	1.20	2.99	71.8	-1.10	0.69	288.5	1.71	1.40	269.9	0.73	1.20
TPPYZA	2,227.0	4.27X	0.01	709.2	0.35	1.93	60.8	-2.09	0.04	289.5	1.74	4.02	242.6	-0.52	1.98
U2TV8G	1,091.7	0.22	0.05	731.0	0.74	0.39	93.5	0.87	0.11	234.2	0.07	0.18	278.7	1.13	0.72
UC77JD	826.0	-0.73	0.04	562.0	-2.27	0.11	77.0	-0.63	0.22	203.3	-0.86	0.18	238.0	-0.73	0.13
W7WLF6	1,072.5	0.15	0.41	677.7	-0.21	0.45	100.4	1.49	0.52	233.3	0.04	0.01	266.8	0.59	0.12
XN8PNA	1,914.3	3.16	0.02	739.8	0.89	0.07	74.7	-0.83	0.25	274.3	1.28	0.10	246.8	-0.33	0.47
Y7RQ3C	1,052.3	0.08	1.03	714.3	0.44	1.18	78.4	-0.50	0.91	234.7	0.09	0.73	273.3	0.89	1.41
ZY73X9	1,020.0	-0.03	1.10	700.0	0.19	0.90	87.7	0.34	0.91	236.0	0.13	2.82	275.3	0.98	2.67

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	1,029.5			689.6			83.9			231.8			253.9		
Median Abs Dev	73.6			35.4			6.2			16.5			12.9		
Avg Within Lab SD	49.9			23.3			4.6			8.7			7.4		
Labs Included	39			41			41			41			41		
Labs Reporting	41			41			41			41			41		



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2K2EBX	136.3	0.04	0.41	23.3	-2.34	2.83	14.3	1.03	0.60	23.3	2.20	0.95	38.0	0.91	0.70	
2YHCA7	134.5	0.00	0.27	39.2	0.44	0.47	11.7	0.49	0.29	15.5	0.20	0.23	36.1	0.46	0.52	
43FCM9	124.7	-0.18	0.41	38.3	0.28	0.18	10.6	0.26	0.18	13.8	-0.24	0.05	33.7	-0.09	0.25	
4NDY9W	123.3	-0.21	0.08	37.8	0.19	0.20	13.6	0.88	0.28	16.7	0.52	0.37	37.4	0.78	0.25	
62EWVU	123.3	-0.21	0.01	36.7	0.00	0.36	9.2	-0.02	0.23	15.7	0.27	0.81	34.1	0.01	0.24	
79B96V	136.8	0.05	0.36	35.9	-0.15	0.21	15.9	1.35	0.43	14.3	-0.10	0.24	34.3	0.04	0.29	
8PEAC3	120.0	-0.27	0.70	31.6	-0.89	1.32	4.8	-0.93	0.39	10.3	-1.12	0.31	28.0	-1.41	0.31	
9NWBZQ	158.2	0.45	0.72	46.3	1.67	0.94	14.5	1.06	0.93	16.9	0.57	0.28	40.0	1.37	0.40	
BYNV3Z	130.8	-0.07	1.17	36.0	-0.12	1.18	11.3	0.40	2.43	15.4	0.18	1.08	35.2	0.25	0.65	
DREGAU	128.1	-0.12	0.29	37.3	0.11	0.81	11.0	0.35	0.86	14.5	-0.05	0.25	33.0	-0.25	0.35	
ERFJNR	115.1	-0.36	0.21	32.7	-0.70	0.40	8.1	-0.25	0.88	13.2	-0.39	0.19	32.8	-0.29	0.29	
F3NREN	137.8	0.07	0.94	43.7	1.21	1.97	11.2	0.38	0.75	18.1	0.86	0.55	34.8	0.16	0.86	
FKQJLJ	128.0	-0.12	1.02	37.4	0.11	1.74	12.4	0.63	1.10	15.9	0.30	0.74	35.2	0.25	2.10	
GWYTKT	112.0	-0.42	0.42	38.0	0.21	0.48	9.4	0.02	1.59	12.4	-0.60	0.69	32.3	-0.42	0.31	
KZQV3Q	121.1	-0.25	0.11	32.6	-0.72	0.07	2.0	-1.50	0.03	7.9	-1.73	0.32	24.8	-2.17	1.20	
L4NLZP	109.1	-0.48	0.33	32.3	-0.77	0.37	7.7	-0.33	0.54	12.7	-0.51	0.46	32.5	-0.37	1.11	
L8NXVN	127.3	-0.13	0.54	34.3	-0.42	0.33	7.7	-0.34	0.60	12.3	-0.60	0.47	33.0	-0.26		
MAAYEH	144.7	0.20	0.91	33.0	-0.65	0.57	4.2	-1.05	0.21	11.7	-0.76	0.44	31.3	-0.64	1.08	
MLDJEL	160.1	0.49	0.50	31.5	-0.91	0.48	5.0	-0.89	0.66	11.3	-0.87	0.46	39.3	1.21	1.10	
MNRZYE	142.2	0.15	1.72	43.2	1.13	0.75	7.3	-0.42	0.38	14.4	-0.08	0.08	37.1	0.69	0.52	
MPHXDD	134.3	0.00	0.22	37.2	0.07	0.52	10.7	0.28	0.17	15.1	0.10	0.21	34.1	0.00	0.21	
ND3HTL	212.8	1.49		42.3	0.96		10.1	0.16		17.3	0.68		32.2	-0.45		
ND4E4G	13.7	-2.29	0.08	3.3	-5.82X	0.18	1.0	-1.71		1.2	-3.43X	0.05	4.0	-6.99X	0.04	
PR3FGH	106.1	-0.54	0.37	26.7	-1.74	0.27	3.1	-1.27	0.07	7.8	-1.76	0.16	25.8	-1.94	0.30	
PRZ3XF	129.8	-0.09	0.22	40.3	0.63	0.69	13.1	0.77	0.85	18.0	0.85	2.38	37.9	0.88	1.38	
QAYCGC	189.7	1.05	1.89	42.3	0.98	1.25	9.1	-0.05	0.07	15.9	0.30	0.19	38.0	0.91	1.53	



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QJFDMK	265.2	2.48	0.08	35.8	-0.16	0.06	3.7	-1.14	0.11	12.5	-0.56	0.24	32.5	-0.36	0.07
RFGAGJ	219.8	1.62	4.06	400.3	63.34X	0.58	398.5	79.71X	8.75	389.4	95.42X	1.47	407.7	86.84X	2.49
RFY6YK	238.0	1.97	0.19	39.6	0.51	0.31	11.0	0.33	0.33	18.1	0.86	0.38	32.7	-0.32	0.09
RZTUJE	239.0	1.99	0.71	26.6	-1.77	0.80	-1.8	-2.28	0.11	6.1	-2.18	0.09	24.1	-2.33	0.20
TPPYZA	289.0	2.94	1.05	41.4	0.81	2.38	12.5	0.64	3.04	20.1	1.37	4.20	34.6	0.11	3.40
UC77JD	109.7	-0.47	0.22	32.0	-0.83	0.57	5.7	-0.75	0.60	39.0	6.19X	0.82	29.3	-1.11	0.41
W7WLF6	146.4	0.23	0.32	37.8	0.19	0.08	10.2	0.17	0.11	14.9	0.05	0.63	37.8	0.87	0.36
XN8PNA	243.3	2.07	0.18	33.7	-0.53	0.32	6.5	-0.57	0.01	16.5	0.45	0.07	32.1	-0.46	0.24
ZY73X9	127.7	-0.13	1.51	36.3	-0.07	0.98	8.3	-0.22	2.59	13.6	-0.29	1.20	36.2	0.49	1.46

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	134.3			36.7			9.33			14.7			34.1		
Median Abs Dev	13.2			3.6			2.59			2.1			2.0		
Avg Within Lab SD	7.1			1.7			0.96			1.2			1.4		
Labs Included	35			33			34			32			33		
Labs Reporting	35			35			35			35			35		



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	57.7	-0.55	0.12	17.4	-0.77	0.19	9.1	-0.43	0.44	9.7	-0.72	0.11	42.4	-0.06	0.30
2K2EBX	72.7	0.53	0.58	18.7	-0.18	1.26	9.3	-0.25	1.00	12.3	0.52	0.62	45.7	1.04	0.41
2YHCA7	65.5	0.01	0.30	18.5	-0.27	0.61	9.6	-0.06	0.61	10.8	-0.22	0.59	45.0	0.82	0.58
43FCM9	60.1	-0.38	0.53	18.2	-0.40	0.32	9.0	-0.49	0.07	11.2	-0.02	0.08	38.9	-1.25	0.29
4NDY9W	63.6	-0.12	0.37	20.5	0.70	0.38	10.4	0.46	0.95	10.1	-0.53	0.76	44.5	0.64	0.75
62EWVU	61.5	-0.28	1.09	16.9	-1.01	0.68	10.5	0.57	2.06	11.3	0.01	1.70	43.1	0.16	0.51
79B96V	61.7	-0.26	0.05	19.3	0.13	0.10	8.5	-0.81	0.16	9.6	-0.76	0.39	41.4	-0.40	0.09
8PEAC3	65.1	-0.02	0.44	21.8	1.31	1.41	11.7	1.35	1.34	15.0	1.77	0.43	43.0	0.12	2.06
9NWBZQ	66.5	0.09	1.53	19.8	0.35	0.79	10.8	0.75	0.69	11.8	0.28	0.23	45.6	1.01	0.42
BYNV3Z	64.8	-0.04	1.72	19.8	0.38	0.85	8.4	-0.89	1.17	11.0	-0.11	0.50	42.7	0.02	0.18
DREGAU	65.3	-0.01	0.79	17.8	-0.58	0.41	9.9	0.14	0.53	11.1	-0.08	0.56	43.2	0.19	1.02
ERFJNR	64.7	-0.05	0.37	19.5	0.23	0.35	10.6	0.62	0.72	11.4	0.07	0.08	43.7	0.37	0.81
F3NREN	67.2	0.13	1.74	20.1	0.50	1.73	9.3	-0.29	1.66	11.6	0.19	0.60	42.7	0.02	1.07
FKQJLJ	63.2	-0.15	0.92	17.5	-0.71	1.30	8.7	-0.70	0.91	10.5	-0.34	0.43	39.9	-0.92	0.93
GWYTKT	62.5	-0.20	0.39	19.1	0.01	2.29	9.8	0.06	1.99	15.1	1.81	3.16	36.2	-2.15	2.63
KZQV3Q	83.6	1.32	0.32	10.1	-4.20X	0.24	8.3	-0.94	0.91	22.9	5.46X	0.95	42.1	-0.18	1.80
L4NLZP	57.5	-0.56	0.12	17.7	-0.61	0.46	9.3	-0.27	1.17	9.4	-0.88	0.57	41.7	-0.29	0.37
L8NXVN	65.3	0.00	0.80	17.7	-0.65	0.63	8.3	-0.94	1.00	10.0	-0.58		42.3	-0.09	0.41
MAAYEH	74.0	0.62	1.01	19.7	0.29	0.63	9.0	-0.50	0.50	11.2	-0.01	0.47	44.0	0.47	0.71
MLDJEL	80.5	1.09	0.48	20.3	0.59	0.14	12.7	2.06	0.27	13.9	1.24	0.18	49.1	2.20	0.15
MNRZYE	62.2	-0.22	1.45	17.3	-0.80	0.60	9.2	-0.34	0.62	10.3	-0.44	0.29	42.5	-0.02	0.08
MPHXDD	68.2	0.21	0.51	17.9	-0.52	0.30	9.8	0.06	0.34	10.5	-0.32	0.56	42.3	-0.11	0.58
ND3HTL	103.2	2.73		23.0	1.87		7.2	-1.71		12.2	0.44		33.8	-2.96X	
ND4E4G	70.3	0.36	0.44	17.0	-0.96		10.7	0.67	1.00	10.3	-0.42	0.62	40.0	-0.88	0.71
NXBQYC	68.2	0.21	1.71	17.4	-0.79	1.51	9.0	-0.45	0.49	10.2	-0.47	2.27	43.9	0.45	1.11
PR3FGH	56.9	-0.61	0.32	15.7	-1.56	0.27	8.4	-0.88	0.22	9.3	-0.90	0.30	38.7	-1.32	0.56



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PRZ3XF	63.5	-0.14	0.66	20.1	0.51	0.93	8.3	-0.99	0.12	11.1	-0.05	0.21	41.7	-0.30	0.43	
QAYCGC	88.6	1.67	1.85	21.8	1.30	1.37	10.9	0.83	1.10	13.1	0.86	0.41	47.0	1.49	1.22	
QJFDMK	149.5	6.06X	1.15	24.2	2.40	0.16	9.9	0.12	0.09	16.2	2.35	0.22	55.6	4.41X	0.59	
RFGAGJ	122.8	4.14X	5.48	71.9	24.82X	1.85	18.9	6.33X	6.85	29.7	8.64X	1.97	40.1	-0.84	0.59	
RFY6YK	118.4	3.82	0.17	20.9	0.86	1.03	11.0	0.92	0.78	13.4	1.00	0.77	41.3	-0.43	0.18	
TPPYZA	134.6	4.99X	0.89	21.0	0.90	2.43	10.1	0.29	1.33	14.6	1.60	2.27	38.0	-1.55	2.10	
UC77JD	52.0	-0.96	0.38	51.3	15.16X	0.63	11.7	1.36	1.00	22.3	5.20X	0.62	32.0	-3.58X	0.71	
UQAG4E	130.5	4.69X	0.74	19.1	0.02	0.20	9.8	0.09	0.53	12.5	0.61	0.13	41.4	-0.39	0.38	
W7WLF6	66.1	0.06	0.17	18.8	-0.12	0.87	9.0	-0.45	0.06	14.3	1.42	0.47	46.6	1.35	0.18	
XN8PNA	126.5	4.40	0.44	19.0	-0.01	0.10	11.2	1.03	0.35	14.6	1.56	0.61	43.5	0.32	0.35	
ZY73X9	71.8	0.46	2.80	17.6	-0.68	1.18	11.9	1.49	2.43	12.0	0.36	1.74	45.8	1.07	2.05	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	65.3			19.0			9.69			11.2			42.6			
Median Abs Dev	3.6			1.3			0.87			1.1			1.3			
Avg Within Lab SD	2.6			0.9			0.58			0.9			1.4			
Labs Included	33			34			36			34			34			
Labs Reporting	37			37			37			37			37			



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YHCA7	792.9	0.38	0.44	456.2	0.30	2.38	959.0	0.73	0.25	727.5	0.00	0.35	1,319.0	0.44	0.13	
4NDY9W	823.3	0.61	0.09	502.3	1.04	0.17	889.1	0.10	0.42	751.8	0.18	0.11	1,332.0	0.51	0.02	
62EWVU	622.0	-0.93	0.15	389.5	-0.76	0.36	777.0	-0.90	0.54	525.6	-1.46	3.82	1,401.5	0.87	4.74	
8PEAC3	843.7	0.77	0.30	316.0	-1.94	2.47	993.6	1.04	1.79	772.0	0.32	0.42	1,358.3	0.65	0.03	
DREGAU	738.3	-0.04	0.23	456.4	0.31	0.34	885.2	0.07	0.42	668.8	-0.42	0.17	1,187.6	-0.25	0.14	
ERFJNR	715.7	-0.21	0.51	432.8	-0.07	1.52	862.3	-0.13	0.82	688.5	-0.28	0.19	1,235.2	0.00	0.06	
F3NREN	760.4	0.13	2.67	459.3	0.35	0.85	908.8	0.28	1.98	755.4	0.20	0.89	1,271.7	0.19	0.39	
FKQJLJ	733.0	-0.08	0.34	406.3	-0.49	0.87	813.7	-0.57	1.19	652.3	-0.54	0.38	1,198.0	-0.20	0.50	
KZQV3Q	710.0	-0.25	0.38	417.3	-0.32	0.40	699.7	-1.59	1.10	644.0	-0.60	0.29	1,002.3	-1.22	0.34	
L4NLZP	668.7	-0.57	0.52	435.8	-0.02	0.50	867.7	-0.09	0.77	641.5	-0.62	0.13	1,217.5	-0.09	0.08	
MAAYEH	730.7	-0.10	0.16	427.3	-0.16	0.38	859.7	-0.16	0.82	730.0	0.02	0.38	1,204.0	-0.16	0.06	
MLDJEL	976.1	1.78	0.02	551.5	1.83	0.17	1,092.0	1.91	0.05	935.5	1.50	0.08	1,571.7	1.77	0.05	
MNRZYE	714.5	-0.22	0.64	438.7	0.02	0.81	919.2	0.37	0.89	725.9	-0.01	0.18	1,244.3	0.05	0.07	
MPHXDD	743.2	0.00	0.40	449.4	0.20	1.13	922.0	0.40	0.49	707.5	-0.15	0.32	1,202.3	-0.17	0.01	
ND3HTL	961.0	1.67		377.0	-0.96		770.0	-0.96		883.0	1.13		1,151.6	-0.44		
PYJAFK	870.3	0.97	0.13	549.0	1.79	1.30	836.7	-0.36	0.23	867.7	1.01	0.35	1,296.3	0.32	0.19	
QAYCGC	628.7	-0.88	0.56	408.2	-0.47	1.17	869.6	-0.07	1.29	720.1	-0.05	0.18	1,088.0	-0.77	0.28	
QJFDMK	1,038.6	2.26	0.35	492.0	0.88	0.56	1,047.3	1.51	0.09	1,052.2	2.35	0.06	1,679.3	2.34	0.04	
RFGAGJ	760.1	0.13	2.31	519.3	1.31	0.35	978.1	0.90	0.26	962.4	1.70	0.41	1,382.4	0.77	0.30	
RFY6YK	736.0	-0.06	0.13	464.0	0.43	0.26	774.1	-0.92	0.60	778.3	0.37	0.12	1,170.5	-0.34	0.04	
RZTUJE	923.3	1.38	2.21	379.6	-0.92	0.73	981.5	0.93	1.72	964.7	1.72	0.40	1,503.3	1.41	0.19	
TPPYZA	954.1	1.61	1.06	217.5	-3.52X	4.04	583.3	-2.62X	1.78	597.2	-0.94	2.64	823.6	-2.16	0.31	
UC77JD	706.3	-0.28	0.06	420.0	-0.28	0.15	778.3	-0.88	0.07	655.7	-0.52	0.03	1,172.7	-0.33	0.02	
W7WLF6	643.5	-0.76	0.37	402.3	-0.56	0.56	829.5	-0.43	0.54	677.3	-0.36	0.31	1,118.5	-0.61	0.13	
ZY73X9	846.3	0.79	1.79	485.7	0.78	0.50	977.3	0.89	2.03	782.0	0.39	0.43	1,383.7	0.78	0.79	



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	743.2	437.2	877.4	727.5	1,235.2	
Median Abs Dev	74.4	30.0	72.7	58.7	83.8	
Avg Within Lab SD	24.8	13.3	22.1	48.4	124.4	
Labs Included	25	24	24	25	25	
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	2.31	-1.94	0.09	1.82	0.48	0.14	4.73	-0.14	0.24	8.30	-0.06	0.03	4.97	-0.33	0.31
2K2EBX	4.00	0.43		1.43	-0.88	0.53	4.77	-0.07	1.10	9.43	0.85	0.66	4.57	-1.16	0.82
2YHCA7	3.99	0.42	0.31	1.85	0.61	0.69	5.14	0.74	0.16	8.37	0.00	1.24	5.22	0.20	0.20
43FCM9	3.89	0.28	0.12	2.10	1.49	0.07	4.16	-1.38	0.09	8.37	0.00	0.04	5.16	0.07	0.06
4NDY9W	3.88	0.27	1.02	2.10	1.49	0.88	5.27	1.02	0.55	7.84	-0.43	3.97	6.03	1.87	0.62
62EWVU	3.40	-0.42	0.81	1.55	-0.45	0.47	4.86	0.15	0.85	8.08	-0.23	0.56	5.01	-0.24	0.47
79B96V	3.20	-0.69	0.07	1.79	0.38	0.11	4.50	-0.64	0.07	7.67	-0.57	0.06	5.14	0.02	0.11
8PEAC3	2.98	-1.00	0.86	1.24	-1.57	0.75	4.55	-0.54	0.84	7.26	-0.89	0.40	4.35	-1.62	0.50
9NWBZQ	3.89	0.28	0.77	2.11	1.52	3.35	6.69	4.12X	1.95	8.04	-0.27	0.35	4.86	-0.55	1.47
BAULWP	3.61	-0.12	0.25	1.65	-0.11	0.16	4.79	-0.01	0.21	7.79	-0.47	0.02	5.19	0.13	0.11
BYNV3Z	2.97	-1.02	1.56	1.64	-0.16	2.90	4.78	-0.03	0.40	7.86	-0.41	1.36	4.90	-0.46	1.74
DREGAU	4.23	0.75	1.31	2.02	1.22	0.76	5.07	0.59	0.65	8.19	-0.15	0.17	5.26	0.28	0.20
ERFJNR	3.62	-0.11	0.46	1.72	0.13	0.53	4.80	0.00	0.44	8.47	0.07	0.74	5.24	0.22	0.51
F3NREN	3.88	0.27	1.26	1.68	-0.01	0.85	4.89	0.20	2.39	8.67	0.23	0.31	5.19	0.12	0.70
FKQJLJ	3.69	0.00	2.04				4.61	-0.41	0.91	7.91	-0.37	0.22	5.12	-0.02	0.77
GWYTKT	3.88	0.26	2.68	2.17	1.74	2.18	4.76	-0.09	2.44	8.20	-0.14	0.08	5.87	1.53	3.81
KZQV3Q	3.58	-0.16	0.24	1.55	-0.45	0.33	4.48	-0.69	0.72	7.75	-0.50	0.61	4.24	-1.83	1.17
L4NLZP	3.42	-0.39	0.04	1.56	-0.44	0.27	4.97	0.38	0.34	7.40	-0.78	0.19	5.03	-0.20	0.26
L8NXVN	2.27	-2.01	0.35	1.67	-0.05	0.53	5.30	1.09	0.95	8.47	0.07	0.54	5.23	0.22	0.31
MAAYEH	4.18	0.68	0.80	1.74	0.20	0.70	4.82	0.05	0.62	9.23	0.69	0.38	5.25	0.25	0.11
MLDJEL	1.99	-2.41	0.10	2.33	2.32	0.09	6.51	3.73X	0.40	11.66	2.64	0.63	6.76	3.38X	0.13
MNRZYE	4.10	0.57	1.22	2.00	1.13	0.92	5.50	1.53	0.48	9.23	0.69	0.33	5.80	1.39	0.54
MPHXDD	4.15	0.65	0.52	1.84	0.56	0.28	4.90	0.22	0.35	8.33	-0.03	0.40	4.99	-0.28	0.14
ND3HTL	3.72	0.04		1.56	-0.42		4.12	-1.47		9.50	0.90		5.07	-0.11	
ND4E4G	3.80	0.15	1.06	1.80	0.42	0.92	5.37	1.24	0.73	8.90	0.42	0.99	5.37	0.49	0.82
PR3FGH	3.47	-0.31	0.43	1.53	-0.53	0.82	4.86	0.14	1.16	7.90	-0.38	0.40	4.82	-0.63	0.32



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PRZ3XF	3.55	-0.20	0.23	1.65	-0.11	0.52	4.23	-1.23	1.27	8.20	-0.14	0.51	4.71	-0.87	0.30
QAYCGC	4.55	1.21	1.05	1.57	-0.40	0.35	5.33	1.17	2.44	10.89	2.02	0.12	5.48	0.73	0.66
QJFDMK	5.82	3.00	0.73	1.68	0.00	0.06	4.73	-0.14	0.20	10.31	1.56	0.13	5.68	1.14	0.14
RFGAGJ	8.73	7.11X	7.10	1.18	-1.76	0.40	8.55	8.17X	0.47	23.55	12.17X	1.13	8.16	6.27X	2.67
RFY6YK	6.32	3.70X	0.22	1.74	0.20	0.25	4.45	-0.75	0.50	10.05	1.35	0.03	4.93	-0.40	0.04
RZTUJE	3.84	0.21	0.50	1.73	0.19	0.44	4.92	0.28	0.63	10.77	1.92	0.09	5.33	0.41	0.14
TPPYZA	8.14	6.26X	1.43	1.51	-0.61	1.46	4.02	-1.69	1.78	10.52	1.72	2.84	4.35	-1.61	2.57
U2TV8G	3.68	-0.01	0.35	1.85	0.60	0.00	5.70	1.97	0.41	9.10	0.58	0.29	5.80	1.39	0.54
UC77JD	3.03	-0.93	0.09	1.62	-0.23	0.19	3.96	-1.83	0.18	6.98	-1.12	0.04	4.55	-1.20	0.08
W7WLF6	3.54	-0.22	2.05	1.42	-0.91	0.60	5.16	0.80	0.36	8.60	0.18	0.27	4.96	-0.35	0.27
XN8PNA	2.23	-2.06	0.03	1.44	-0.87	0.10	4.61	-0.40	0.09	9.50	0.91	0.04	4.76	-0.77	0.18
ZY73X9	3.78	0.12	1.53	1.78	0.34	0.91	5.05	0.56	1.33	9.89	1.22	1.98	5.70	1.17	1.43

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	3.69			1.68			4.80			8.37			5.13		
Median Abs Dev	0.28			0.13			0.26			0.58			0.21		
Avg Within Lab SD	0.16			0.11			0.21			0.46			0.19		
Labs Included	35			37			35			37			36		
Labs Reporting	38			37			38			38			38		



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	28.0	29.21X	4.36	139.7	-0.27	0.11	41.3	-0.75	0.40	74.9	-0.74	0.07	33.1	-0.86	0.16
2K2EBX	4.0	1.00		51.0	-4.77X	0.98	43.0	-0.62	0.69	84.0	-0.12	0.29	35.7	-0.30	0.47
2YHCA7	1.9	-1.42	0.09	161.8	0.86	0.13	61.9	0.81	1.04	87.7	0.14	0.84	38.7	0.35	0.52
43FCM9	3.0	-0.18	0.36	155.9	0.55	0.16	47.1	-0.31	0.26	89.0	0.23	0.10	38.2	0.25	0.35
4NDY9W	2.3	-1.04	0.25	158.5	0.69	0.06	61.5	0.78	0.20	89.8	0.28	0.22	40.7	0.78	0.46
62EWVU	2.8	-0.35	0.33	146.1	0.06	1.69	53.2	0.15	2.30	80.1	-0.39	1.15	34.0	-0.67	0.69
8PEAC3	3.1	-0.01	1.57	131.1	-0.70	1.11	58.0	0.52	1.51	80.6	-0.35	1.07	37.1	0.00	0.17
9NWBZQ	2.8	-0.39	0.15	145.0	0.00	0.73	49.5	-0.13	0.80	93.1	0.51	1.34	34.0	-0.66	0.66
BYNV3Z	3.1	-0.08	2.00	130.1	-0.76	0.33	38.6	-0.96	0.16	75.7	-0.69	0.76	30.5	-1.43	0.53
DREGAU	3.2	0.03	0.08	146.8	0.09	0.45	54.6	0.26	0.41	76.7	-0.62	0.55	34.6	-0.53	0.13
ERFJNR	2.7	-0.55	2.20	151.7	0.34	0.36	56.3	0.39	0.62	87.0	0.09	0.18	39.2	0.46	0.64
F3NREN	3.0	-0.13	1.33	158.2	0.67	3.45	42.3	-0.68	0.98	79.1	-0.46	0.51	31.9	-1.12	0.95
FKQJLJ	3.4	0.30	0.49	130.7	-0.73	0.43	46.2	-0.38	0.97	76.5	-0.63	0.67	35.0	-0.46	1.74
KZQV3Q	3.2	0.01	0.06	142.7	-0.12	0.32	39.1	-0.92	0.57	75.7	-0.69	0.88	29.5	-1.64	0.98
L4NLZP	3.0	-0.13	0.02	138.9	-0.31	0.28	49.3	-0.15	0.26	76.6	-0.63	0.01	37.3	0.05	0.28
L8NXVN	2.0	-1.35		119.7	-1.29	0.65	46.7	-0.34	0.80	70.7	-1.04	0.44	30.7	-1.38	0.47
MAAYEH	3.2	0.10	0.50	154.0	0.46	0.49	53.3	0.16	1.11	92.0	0.43	0.58	38.3	0.27	0.47
MLDJEL	3.8	0.73	0.80	151.8	0.34	0.32	64.4	1.01	0.28	93.6	0.55	0.27	38.1	0.22	0.19
MNRZYE	3.3	0.18	1.90	144.0	-0.05	0.15	56.8	0.43	0.48	90.0	0.29	0.62	38.8	0.36	0.48
MPHXDD	3.2	0.03	0.43	141.0	-0.20	0.09	55.5	0.33	0.55	80.6	-0.35	0.22	35.5	-0.34	0.24
ND3HTL	4.0	0.96		124.0	-1.07		48.6	-0.20		99.5	0.95		41.9	1.04	
ND4E4G	3.7	0.69	1.01	185.3	2.05	0.77	103.0	3.94X	2.15	116.0	2.09	0.58	49.7	2.71X	0.95
PR3FGH	1.4	-2.05	0.52	152.0	0.36	0.31	60.4	0.70	0.69	87.3	0.11	0.56	37.8	0.15	0.56
PRZ3XF	2.7	-0.49	0.81	142.8	-0.11	0.94	38.8	-0.94	0.20	77.3	-0.58	0.41	30.2	-1.49	0.11
QAYCGC	3.9	0.94	0.90	152.1	0.36	1.12	54.9	0.28	1.22	102.3	1.15	0.49	37.9	0.18	0.05
QJFDMK	5.4	2.59	0.25	205.7	3.08X	0.15	94.1	3.26X	0.20	143.1	3.96X	0.26	66.8	6.41X	0.29



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RFGAGJ	1.3	-2.19	0.62	192.8	2.43	0.64	81.5	2.30	1.20	119.0	2.30	0.50	39.6	0.55	1.27	
RFY6YK	3.3	0.19	0.03	153.7	0.44	0.13	51.2	0.00	0.29	100.9	1.05	0.22	37.1	0.00	0.10	
RZTUJE	3.5	0.39	0.96	181.0	1.83	0.81	61.8	0.81	2.96	116.2	2.10	2.15	39.1	0.43	2.97	
TPPYZA	7.6	5.18X	3.94	131.9	-0.66	2.75	27.0	-1.84	1.22	84.4	-0.09	4.27	21.6	-3.34X	1.59	
U2TV8G	3.7	0.61	2.52	144.3	-0.03	0.47	50.7	-0.04	0.72	78.7	-0.48	0.34	34.7	-0.52	0.47	
UC77JD	2.2	-1.15	0.25	125.0	-1.01	0.27	42.0	-0.70	0.11	68.7	-1.17	0.15	30.8	-1.36	0.17	
W7WLF6	2.8	-0.44	0.36	129.4	-0.79	0.07	39.8	-0.87	0.13	80.6	-0.35	0.15	30.9	-1.32	0.22	
XN8PNA	3.9	0.89	0.15	132.8	-0.62	0.25	72.5	1.62	0.56	90.1	0.30	0.14	37.5	0.09	0.64	
ZY73X9	6.3	3.70X	1.31	184.7	2.01	1.40	76.0	1.89	1.41	100.0	0.99	0.36	47.7	2.30	3.36	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	3.15			145.0			51.2			85.7			37.1			
Median Abs Dev	0.40			10.9			8.2			7.6			2.3			
Avg Within Lab SD	0.23			5.4			2.9			3.4			1.2			
Labs Included	32			33			33			34			32			
Labs Reporting	35			35			35			35			35			



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	267.3	-1.69	0.24	73.7	-0.17	0.07	127.7	-0.22	0.65	133.0	-0.25	0.39	168.3	-0.52	0.22
2K2EBX	442.0	0.42	0.82	78.7	0.13	0.94	120.3	-0.45	0.87	144.7	0.16	0.30	186.3	0.00	0.36
2YHCA7	396.9	-0.13	1.54	82.2	0.34	1.73	147.8	0.39	0.47	142.6	0.09	0.43	202.0	0.45	0.11
43FCM9	450.9	0.52	0.12	83.6	0.42	0.20	128.4	-0.20	0.34	152.1	0.43	0.04	212.3	0.75	0.37
4NDY9W	424.1	0.20	0.38	89.5	0.77	0.72	146.0	0.34	0.64	155.6	0.55	1.19	222.0	1.03	0.14
62EWVU	366.1	-0.50	1.29	68.6	-0.47	2.00	136.2	0.04	2.55	131.3	-0.31	2.08	169.4	-0.49	0.67
8PEAC3	410.8	0.04	0.52	76.4	-0.01	0.20	162.6	0.84	1.61	139.1	-0.04	1.47	211.1	0.71	0.56
9NWBZQ	370.1	-0.45	1.34	70.4	-0.37	0.67	131.6	-0.10	1.34	139.6	-0.02	1.10	173.7	-0.36	0.93
BYNV3Z	289.4	-1.42	1.36	67.4	-0.54	0.34	108.9	-0.80	0.35	133.4	-0.24	0.58	166.8	-0.56	0.77
DREGAU	422.4	0.18	0.09	75.5	-0.06	0.57	134.5	-0.01	0.23	124.6	-0.55	0.33	172.7	-0.39	0.28
ERFJNR	420.2	0.15	0.14	82.4	0.35	0.60	135.2	0.01	0.52	140.6	0.02	0.42	192.0	0.16	0.13
F3NREN	399.0	-0.10	0.48	71.2	-0.32	1.99	119.8	-0.46	1.00	133.6	-0.23	0.89	181.0	-0.15	1.05
FKQJLJ	381.0	-0.32	1.00	71.0	-0.33	0.34	129.7	-0.16	0.94	129.7	-0.37	0.68	186.3	0.00	1.23
KZQV3Q	416.3	0.11	0.36	68.1	-0.50	0.18	100.6	-1.05	0.58	123.8	-0.58	0.53	157.4	-0.83	0.58
L4NLZP	405.3	-0.03	0.90	75.7	-0.05	0.76	126.6	-0.26	0.67	127.1	-0.46	0.44	186.0	-0.01	0.25
L8NXVN	258.3	-1.80	0.32	67.3	-0.55	0.64	122.0	-0.40	0.90	129.7	-0.37	0.68	168.7	-0.51	0.22
MAAYEH	413.7	0.08	0.12	75.7	-0.05	0.64	136.7	0.05	0.86	142.3	0.08	0.59	189.0	0.08	0.76
MLDJEL	335.7	-0.86	0.18	112.6	2.15	0.09	218.1	2.54	0.26	201.2	2.17	0.20	257.4	2.05	0.07
MNRZYE	388.1	-0.23	0.36	78.5	0.12	0.26	152.0	0.52	0.47	151.5	0.40	0.55	202.6	0.47	0.20
MPHXDD	407.4	0.00	1.20	74.6	-0.11	0.42	141.3	0.19	0.84	130.5	-0.34	0.24	178.5	-0.22	0.43
ND3HTL	450.5	0.52		83.5	0.41		119.5	-0.47		168.8	1.02		206.0	0.57	
ND4E4G	506.3	1.19	0.52	103.3	1.60	0.47	197.0	1.90	0.74	167.0	0.95	0.34	232.3	1.32	0.60
PR3FGH	417.9	0.13	0.53	77.5	0.06	0.46	149.9	0.46	0.69	136.7	-0.12	0.55	193.1	0.20	0.47
PRZ3XF	390.6	-0.20	0.72	90.9	0.86	1.50	125.4	-0.29	0.16	143.8	0.13	0.21	183.1	-0.09	0.35
PYJAFK	544.3	1.65	0.16	120.7	2.63	1.45	165.3	0.93	0.26	195.0	1.95	1.36	237.3	1.47	0.65
QAYCGC	376.7	-0.37	0.36	63.8	-0.76	0.64	145.4	0.32	0.32	146.5	0.23	0.32	185.1	-0.04	0.22



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QJFDMK	602.6	2.35	0.28	105.6	1.73	0.40	199.3	1.97	0.26	215.4	2.67	0.23	317.1	3.76X	0.19
RFGAGJ	476.2	0.83	1.14	98.7	1.32	0.66	188.6	1.64	0.99	199.1	2.09	1.16	221.4	1.01	1.53
RFY6YK	458.7	0.62	0.21	77.7	0.07	0.15	134.7	-0.01	0.31	157.0	0.60	0.14	192.9	0.19	0.07
RZTUJE	453.8	0.56	3.26	91.3	0.88	3.38	178.9	1.34	3.23	202.5	2.21	2.89	258.8	2.08	3.03
TPPYZA	645.2	2.86X	3.66	43.4	-1.98	0.91	71.0	-1.96	1.48	119.9	-0.71	2.88	117.6	-1.98	1.32
U2TV8G	346.7	-0.73	0.12	76.7	0.01	0.35	140.3	0.16	0.65	135.0	-0.18	0.19	187.3	0.03	0.73
UC77JD	324.8	-1.00	0.04	69.9	-0.39	0.22	112.3	-0.69	0.15	122.7	-0.62	0.13	170.0	-0.47	0.07
W7WLF6	323.5	-1.01	1.01	61.4	-0.90	0.02	123.4	-0.35	0.10	126.7	-0.48	0.40	162.4	-0.69	0.33
XN8PNA	214.4	-2.33	0.06	49.4	-1.62	0.19	99.0	-1.10	0.17	94.7	-1.61	0.18	117.6	-1.98	0.13
ZY73X9	482.7	0.91	2.64	98.0	1.28	1.11	189.0	1.65	1.04	170.0	1.06	1.08	247.7	1.76	3.52

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups					Data units: mg/kg
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410
Grand Median	407.4	76.5	135.0	140.1	186.3
Median Abs Dev	41.3	7.0	13.8	11.7	16.9
Avg Within Lab SD	9.5	3.3	5.9	5.2	6.9
Labs Included	35	36	36	36	35
Labs Reporting	36	36	36	36	36



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	1.91	-1.91	0.09	4.03	1.77	0.37	0.37	-0.82	0.57	5.07	0.93	0.34	1.20	0.00	0.29
2K2EBX	3.40	0.15	0.00	3.33	-0.55	0.92	0.30	-1.44	0.00	4.20	-0.32	1.56	1.03	-1.57	0.80
2YHCA7	3.07	-0.31	0.49	3.53	0.10	0.16	0.45	-0.03	0.32	4.22	-0.29	0.50	1.26	0.48	0.33
43FCM9	3.64	0.48	0.37	3.79	0.98	0.10	0.31	-1.31	0.15	4.79	0.53	0.08	1.25	0.42	0.15
4NDY9W	4.15	1.19	0.39	3.50	0.01	0.42	0.53	0.75	0.75	4.30	-0.17	1.41	1.32	1.11	2.44
62EWVU	3.11	-0.25	0.46	3.47	-0.09	1.00	0.46	0.03	0.29	4.05	-0.53	0.62	1.13	-0.68	0.50
8PEAC3	2.81	-0.67	1.42	3.25	-0.83	1.02	0.40	-0.47	0.92	4.11	-0.45	0.73	1.05	-1.38	0.21
9NWBZQ	3.29	0.00	0.83	3.50	0.00	1.33	0.53	0.76	1.13	4.50	0.12	0.84	1.22	0.14	0.15
BYNV3Z	2.37	-1.27	0.85	3.74	0.82	0.40	0.64	1.76	4.34	4.01	-0.58	1.07	1.32	1.11	3.89
DREGAU	3.31	0.03	0.21	3.43	-0.23	0.42	0.39	-0.63	0.69	3.95	-0.68	0.30	1.09	-1.05	0.21
ERFJNR	3.36	0.10	0.71	3.59	0.32	0.66	0.47	0.19	0.29	4.42	0.00	0.71	1.19	-0.09	0.29
F3NREN	3.50	0.29	1.96	3.86	1.21	1.81	0.60	1.35	1.03	4.69	0.39	1.98	1.30	0.86	0.76
FKQJLJ	2.91	-0.52	0.40	3.01	-1.64	0.32				3.82	-0.86	0.26			
KZQV3Q	3.48	0.27	0.23	3.47	-0.08	0.16	0.34	-1.07	0.26	4.05	-0.53	1.05	0.99	-1.97	0.90
L4NLZP	3.29	0.00	0.30	3.39	-0.37	0.32	0.46	0.04	0.28	3.92	-0.72	0.48	1.18	-0.26	0.03
L8NXVN	1.63	-2.29	0.35	3.20	-0.99	0.80	0.40	-0.50	0.00	4.17	-0.36	0.90	1.10	-0.95	0.00
MAAYEH	3.48	0.27	0.49	3.49	-0.03	0.24	0.38	-0.72	0.39	4.60	0.26	0.51	1.21	0.06	0.28
MLDJEL	0.92	-3.28	0.04	3.81	1.03	0.11	0.58	1.15	0.14	5.30	1.26	0.16	1.38	1.59	0.22
MNRZYE	3.33	0.06	0.35	3.27	-0.77	0.46	0.53	0.75	1.08	4.43	0.02	0.34	1.27	0.58	0.80
MPHXDD	3.66	0.52	0.49	3.50	0.02	0.03	0.44	-0.09	0.39	4.44	0.03	0.13	1.26	0.51	0.08
ND3HTL	2.25	-1.44		2.87	-2.09		0.42	-0.27		5.01	0.84		1.15	-0.50	
ND4E4G	3.47	0.25	0.35	3.60	0.34	0.80	0.47	0.19	0.39	3.90	-0.75	0.00	1.23	0.28	1.59
PR3FGH	3.28	-0.01	0.38	3.22	-0.92	0.57	0.48	0.25	0.75	4.01	-0.58	0.48	1.18	-0.21	0.37
PRZ3XF	3.07	-0.31	0.40	3.37	-0.43	1.01	0.35	-1.01	0.52	4.08	-0.49	0.52	1.04	-1.54	0.47
QAYCGC	3.58	0.40	0.99	3.64	0.49	1.54	0.48	0.28	0.11	5.28	1.23	0.62	1.25	0.40	0.52
QJFDMK	4.45	1.61	0.60	3.58	0.27	0.22	0.48	0.21	0.26	5.39	1.39	0.28	1.30	0.90	0.11



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RFGAGJ	3.78	0.69	4.32	4.05	1.85	2.81	0.39	-0.59	1.05	5.87	2.09	0.61	0.65	-5.11X	4.97	
RFY6YK	4.58	1.79	0.29	3.50	0.00	0.12	0.36	-0.91	0.12	5.07	0.93	0.13	1.07	-1.23	0.06	
RZTUJE	2.58	-0.99	0.27	3.80	1.00	0.10	0.40	-0.54	0.27	5.30	1.26	0.41	1.15	-0.46	0.01	
TPPYZA	5.66	3.29X	2.45	3.34	-0.54	2.87	0.54	0.86	1.30	5.40	1.41	4.04	1.18	-0.26	1.80	
U2TV8G	2.79	-0.70	0.82	3.50	0.02	0.20	0.48	0.22	0.60	4.19	-0.33	0.56	1.20	-0.06	0.90	
UC77JD	2.68	-0.85	0.37	3.12	-1.25	0.20	0.56	1.04	0.29	3.59	-1.19	0.12	1.23	0.28	0.21	
W7WLF6	2.81	-0.67	0.89	3.32	-0.58	0.52	0.36	-0.91	0.11	4.29	-0.18	0.09	1.12	-0.80	0.21	
XN8PNA	2.20	-1.50	0.08	3.83	1.10	0.08	0.48	0.23	0.09	5.42	1.44	0.32	1.23	0.27	0.14	
ZY73X9	3.63	0.47	0.46	3.77	0.90	1.69	0.29	-1.54	1.80	4.74	0.46	0.98	1.23	0.28	0.35	

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	3.29			3.50			0.45			4.42			1.20			
Median Abs Dev	0.35			0.16			0.07			0.37			0.05			
Avg Within Lab SD	0.16			0.13			0.05			0.17			0.07			
Labs Included	33			35			34			35			33			
Labs Reporting	35			35			34			35			34			



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2D4RD7	0.88	-0.98	0.38	1.02	-1.54	0.30	0.39	0.93	0.36	0.52	-0.74	0.36	0.49	0.06	0.28	
2K2EBX	1.73	0.83	0.52	1.10	-1.34	1.12	0.10	-1.55	0.00	0.47	-1.13	0.90	0.67	1.44	0.77	
2YHCA7	1.35	0.02	0.16	1.85	0.44	0.11	0.31	0.21	0.21	0.66	0.43	0.43	0.52	0.35	0.06	
43FCM9	1.02	-0.68	0.07	0.88	-1.86	0.05	0.43	1.23	0.11	0.54	-0.55	0.09	0.56	0.62	0.03	
4NDY9W	1.60	0.54	0.38	1.28	-0.91	0.06	0.37	0.76	0.26	0.63	0.19	0.39	0.65	1.29	0.28	
62EWVU	1.54	0.42	1.54	1.76	0.22	0.53	0.28	0.00	1.00	0.63	0.14	0.74	0.54	0.44	0.82	
8PEAC3	0.78	-1.20	0.33	1.07	-1.42	0.52	0.26	-0.17	0.10	0.50	-0.90	0.09	0.37	-0.84	0.13	
9NWBZQ	1.38	0.07	0.49	1.82	0.38	0.67	0.29	0.09	0.23	0.66	0.38	0.08	0.51	0.21	0.07	
BYNV3Z	1.29	-0.12	0.46	1.95	0.69	0.23	0.33	0.39	1.13	0.62	0.06	0.24	0.55	0.54	1.51	
DREGAU	1.33	-0.02	0.17	1.79	0.29	0.41	0.27	-0.11	0.35	0.57	-0.27	0.14	0.47	-0.06	0.11	
ERFJNR	1.16	-0.39	0.48	1.90	0.57	0.62	0.24	-0.39	0.80	0.63	0.19	0.59	0.39	-0.69	0.13	
F3NREN	1.77	0.90	4.29	1.80	0.32	1.95	0.37	0.70	3.60	0.73	0.99	3.94	0.63	1.19	3.36	
KZQV3Q	1.07	-0.59	0.13	1.82	0.37	0.13	0.10	-1.51	0.15	0.50	-0.87	0.27	0.27	-1.58	0.25	
L4NLZP	0.98	-0.78	0.54	1.17	-1.17	0.56	0.12	-1.34	0.22	0.38	-1.81	0.11	0.43	-0.37	0.68	
L8NXVN	1.50	0.33		1.90	0.56	0.00	0.47	1.55	1.00	0.83	1.78	0.90	0.70	1.70	0.00	
MLDJEL	1.98	1.35	0.77	2.31	1.54	2.02	0.49	1.78	2.09	1.28	5.32X	1.80	0.85	2.88X	1.33	
MNRZYE	0.87	-1.01	0.52	1.30	-0.87	0.00	0.20	-0.70	0.00	0.50	-0.87		0.37	-0.86	0.77	
MPHXDD	1.33	-0.04	0.17	1.66	0.00	0.12	0.29	0.07	0.09	0.59	-0.18	0.08	0.48	-0.01	0.17	
ND3HTL	1.92	1.22		1.60	-0.15		0.24	-0.35		0.77	1.26		0.40	-0.64		
ND4E4G	0.65	-1.48	0.23	0.88	-1.88	0.77	0.30	0.17	0.82	0.36	-1.98	0.27	0.41	-0.51	0.47	
PR3FGH	1.69	0.73	0.89	1.59	-0.18	0.39	0.48	1.69	0.72	0.62	0.11	0.33	0.58	0.80	0.39	
PRZ3XF	1.29	-0.11	0.31	1.99	0.77	0.32	0.22	-0.52	0.22	0.60	-0.09	0.18	0.45	-0.26	0.25	
QAYCGC	1.64	0.62	0.47	1.70	0.08	0.68	0.29	0.03	0.40	0.71	0.80	0.16	0.53	0.37	0.15	
QJFDMK	5.56	8.95X	0.65	4.84	7.56X	0.38	1.38	9.26X	0.49	2.70	16.61X	1.10	1.80	10.15X	1.90	
RFGAGJ	3.26	4.06X	2.10	1.49	-0.42	3.55	0.67	3.25X	4.56	1.16	4.37X	1.09	0.72	1.83	2.73	
RFY6YK	1.94	1.27	0.48	1.82	0.37	0.15	0.12	-1.35	0.02	0.61	0.00	0.24	0.32	-1.22	0.01	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TPPYZA	2.44	2.33	0.59	1.57	-0.22	0.60	0.21	-0.58	0.10	0.72	0.92	1.35	0.44	-0.33	0.50	
UC77JD	1.09	-0.54	0.09	1.39	-0.66	0.17	0.22	-0.51	0.10	0.51	-0.79	0.16	0.41	-0.51	0.15	
W7WLF6	1.36	0.03	0.46	1.79	0.31	0.17	0.28	0.00	0.10	0.65	0.32	0.31	0.48	0.01	0.00	
ZY73X9	1.21	-0.28	0.78	1.65	-0.04	1.58	0.26	-0.22	1.96	0.55	-0.45	2.02	0.46	-0.17	1.62	
Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	1.34			1.66			0.28			0.61			0.48			
Median Abs Dev	0.28			0.19			0.06			0.07			0.07			
Avg Within Lab SD	0.11			0.09			0.06			0.06			0.07			
Labs Included	28			29			28			27			28			
Labs Reporting	30			30			30			30			30			



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	4.48	0.84	0.41	0.64	0.58	0.14	2.82	0.63	0.26	4.51	1.01	0.19	1.24	0.96	1.95	
3269HX	2.41	-0.63	0.58	0.62	0.44	0.47	3.06	1.17	0.75	3.50	-0.31	1.06	1.40	1.68	2.50	
43FCM9	1.70	-1.14	0.00	0.50	-0.37		2.63	0.20	0.48	3.07	-0.88	0.32	0.90	-0.57	0.00	
4VRD9	4.25	0.68	0.95	0.51	-0.33	0.25	2.85	0.69	0.68	3.93	0.25	0.20	1.05	0.11	0.17	
6JDA6V	1.45	-1.31	0.57	0.34	-1.45	0.36	2.82	0.61	1.04	1.98	-2.31	0.50	1.03	0.01	0.35	
6QCQP9	5.06	1.25	0.94	0.69	0.86	0.15	2.64	0.21	0.30	4.52	1.03	0.88	1.13	0.49	0.18	
733YM2	3.39	0.06	0.43	0.50	-0.39	0.80	2.40	-0.34	0.19	3.80	0.09	0.72	0.91	-0.54	0.47	
79B96V	1.95	-0.96	0.07	0.67	0.74	0.23	2.46	-0.20	0.17	3.31	-0.56	0.06	1.39	1.64	0.18	
7UQT2W	2.83	-0.34	0.09	0.44	-0.76	0.60	1.97	-1.31	0.13	3.18	-0.74	0.08	0.81	-0.96	0.24	
8F8HX2	4.21	0.64	3.33	0.52	-0.24	1.27	2.53	-0.03	0.90	4.03	0.39	0.91	1.02	-0.04	1.12	
96268P	4.30	0.71	0.98				2.93	0.88	1.21	4.38	0.84	0.74	1.13	0.46	1.97	
9NGE9Q	4.28	0.70	0.11	0.58	0.13	0.35	2.82	0.62	0.42	3.94	0.26	0.74	1.12	0.43	0.16	
A2KXJQ	2.97	-0.24	1.43	0.30	-1.68	2.28	2.17	-0.85	2.40	3.30	-0.57	1.10	0.73	-1.32	2.37	
BAULWP	1.93	-0.97	0.29	0.77	1.42	0.47	2.37	-0.39	0.21	3.86	0.16	0.03	2.53	6.81X	0.47	
BDNWF2	3.81	0.36	0.45	0.26	-1.96	0.42	2.82	0.61	0.46	4.43	0.91	0.12	1.46	1.95	0.15	
BYNV3Z	2.05	-0.89	1.05	0.62	0.41	1.19	2.71	0.37	2.31	3.43	-0.41	0.93	1.26	1.06	1.33	
EZN6MT	3.94	0.45	0.54	0.55	-0.02	0.35	2.33	-0.49	0.22	3.79	0.07	0.41	1.00	-0.10	0.55	
GFTBQN	1.30	-1.42	0.00	0.40	-1.02	0.00	2.10	-1.01	0.83	2.30	-1.89	0.00	0.80	-1.02	0.00	
GWYTKT	1.86	-1.02	0.99	0.63	0.47	0.69	2.54	-0.01	2.93	2.97	-1.01	1.47	1.14	0.52	1.17	
H28HEL	6.80	2.48X		0.90	2.25		4.20	3.73X		6.90	4.16X		1.60	2.60		
HVQVVH	3.33	0.02	0.45	0.65	0.59	2.44	2.01	-1.20	0.24	3.30	-0.57	0.15	1.00	-0.09	0.23	
JZWNPE	3.03	-0.19	0.17	0.45	-0.72	0.08	1.67	-1.97	0.09	2.94	-1.04	0.04	0.85	-0.81	0.20	
K9ZAZL	3.86	0.40	0.50	0.59	0.20	0.73	2.38	-0.37	0.14	4.08	0.45	0.61	0.97	-0.24	1.03	
KLAVDC	4.10	0.57	0.60	0.60	0.28	0.23	2.15	-0.90	0.77	3.79	0.08	0.21	0.93	-0.42	0.63	
KWRD7J	2.04	-0.90	0.73	0.56	0.02	1.21	3.15	1.37	1.13	3.82	0.11	1.29	1.10	0.32	1.48	
L2WMLQ	4.00	0.50		0.60	0.26		2.69	0.33		4.49	1.00		1.19	0.75		



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
L4NLZP	1.55	-1.24	0.53	0.49	-0.42	0.99	2.47	-0.16	0.99	2.89	-1.12	0.19	0.86	-0.76	0.08	
LGX8DF	2.03	-0.90	0.87	0.80	1.59	0.00	3.03	1.10	1.27	3.47	-0.35	0.63	1.30	1.24	1.55	
LH6PCC	3.16	-0.10	0.22	0.34	-1.43	2.06	1.92	-1.42	0.62	3.70	-0.05	0.29	0.75	-1.26	0.23	
LP47WP	5.79	1.77	0.55	0.66	0.69	0.88	3.29	1.68	1.43	5.03	1.71	0.46	1.41	1.75	0.79	
MBGDLN	4.25	0.67	0.47	0.63	0.46	0.12	2.75	0.47	0.12	4.12	0.51	0.57	1.04	0.08	0.29	
ND3HTL	2.68	-0.44		0.48	-0.48		1.86	-1.54		2.95	-1.03		0.74	-1.29		
NXBQYC	1.63	-1.19	0.51	0.51	-0.30	2.09	2.54	0.00	0.96	3.18	-0.74	1.61	1.01	-0.06	2.94	
PDY9KL	3.61	0.22	0.10	0.54	-0.14	0.60	2.62	0.17	0.16	3.98	0.32	0.40	1.04	0.08	0.10	
PRHZ2F	4.39	0.77	1.24	0.74	1.19	0.98	3.00	1.02	1.29	4.51	1.01	0.13	1.30	1.24	0.80	
QAYCGC	3.55	0.18	0.72	0.89	2.21	0.17	2.76	0.49	1.37	3.73	0.00	1.07	0.99	-0.18	0.00	
QDHBTL	3.49	0.13	0.12	0.51	-0.28	0.47	2.31	-0.54	0.54	3.64	-0.13	0.08	0.92	-0.46	0.09	
QDXTU7	2.62	-0.48	0.06	0.39	-1.11	0.13	1.90	-1.46	0.17	2.82	-1.20	0.05	0.68	-1.58	0.09	
QRELHD	3.70	0.28	0.32	0.60	0.26	0.13	2.54	-0.02	0.51	3.77	0.04	0.22	1.09	0.28	0.36	
RCLDZ6	1.97	-0.95	0.33	0.50	-0.37		2.57	0.05	0.48	3.17	-0.75	0.32	0.90	-0.57	0.00	
RFGAGJ	3.64	0.24	0.13	0.49	-0.46	0.62	2.29	-0.57	0.97	3.74	0.00	0.24	0.92	-0.49	0.18	
RZTUJE	1.99	-0.93	0.08	0.53	-0.20	0.58	3.01	1.06	0.37	3.32	-0.55	0.50	1.02	-0.01	0.13	
TPPYZA	5.19	1.34	3.61	0.66	0.65	2.41	2.69	0.33	0.32	4.25	0.67	1.61	1.08	0.26	1.79	
UQAG4E	3.59	0.21	0.26	0.52	-0.26	0.35	2.72	0.39	0.96	3.82	0.11	0.38	0.95	-0.36	0.65	
UV3LXH	2.51	-0.56	0.69	0.36	-1.26	0.92	1.86	-1.54	0.72	2.66	-1.41	0.60	1.00	-0.13	0.80	
VHAXB8	1.76	-1.09	0.43	0.62	0.39	0.35	2.55	0.00	0.75	3.23	-0.67	0.18	1.11	0.38	0.62	
W7WLF6	3.95	0.46	0.46	0.61	0.35	0.68	2.82	0.61	0.53	4.18	0.58	0.50	1.06	0.17	0.18	
WHBJK9	3.73	0.31	0.66	0.56	0.02	0.40	2.40	-0.33	0.00	4.03	0.39	1.27	1.02	-0.01	1.03	
Y4HQX7	3.27	-0.02	0.33	0.37	-1.24	1.32	2.17	-0.85	1.27	3.33	-0.53	0.32	0.77	-1.17	0.90	
YLH377	1.63	-1.19	0.32	0.42	-0.89	0.68	2.41	-0.31	1.04	2.48	-1.65	0.27	0.87	-0.72	0.55	
Z6UVYZ	1.90	-0.99	0.46	0.60	0.31	2.33	2.34	-0.46	1.18	2.57	-1.53	0.84	1.10	0.32	0.88	
ZG2VH8	4.37	0.76	0.48	0.55	-0.07	0.15	2.58	0.07	0.31	4.01	0.36	0.30	1.08	0.26	0.33	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410			
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	
ZY73X9	2.68	-0.44	3.14	0.63	0.46	0.47	3.29	1.67	2.09	4.29	0.72	5.23	1.22	0.87	0.24	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2406				SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	3.30			0.56			2.55			3.74			1.03			
Median Abs Dev	0.93			0.07			0.25			0.43			0.11			
Avg Within Lab SD	0.18			0.04			0.12			0.18			0.06			
Labs Included	52			52			52			52			52			
Labs Reporting	53			52			53			53			53			



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	5.1	0.72	0.46	33.9	0.30	0.13	15.2	0.66	0.29	23.9	0.37	0.15	6.3	0.72	2.28	
3269HX	2.5	-0.53	0.40	31.0	-0.12	0.31	11.3	-0.52	1.41	16.5	-0.84	1.00	5.2	-0.17	1.56	
43FCM9	1.7	-0.89	0.17	25.4	-0.94	1.11	10.4	-0.80	0.16	14.2	-1.21	0.22	3.9	-1.29	0.42	
4VRYD9	2.0	-0.76	0.29	18.5	-1.94	0.19	7.5	-1.70	0.29	13.6	-1.30	0.19	3.2	-1.90	0.17	
6JDA6V	1.9	-0.80	0.20	26.2	-0.82	0.11	16.3	1.00	1.38	13.1	-1.40	0.32	16.7	9.61X	0.21	
6QCQP9	6.7	1.52	0.29	49.6	2.59	0.71	17.2	1.28	0.23	34.7	2.12	0.41	7.2	1.55	0.39	
733YM2	4.4	0.38	1.33	29.1	-0.41	0.90	10.7	-0.72	0.45	20.2	-0.24	0.49	4.4	-0.83	0.50	
79B96V	2.3	-0.62	0.05	34.0	0.31	1.11	14.9	0.57	1.28	20.9	-0.13	0.65	5.0	-0.33	0.16	
7UQT2W	2.9	-0.30	0.12	25.8	-0.89	0.31	9.5	-1.08	0.57	18.3	-0.55	0.11	3.6	-1.55	0.65	
8F8HX2	4.9	0.64	2.13	31.9	0.00	1.05	12.0	-0.32	0.61	23.6	0.31	0.69	4.9	-0.42	1.17	
96268P	5.6	0.96	1.06	38.5	0.97	2.26	16.0	0.93	0.97	27.3	0.92	1.79	6.4	0.79	1.36	
9NGE9Q	6.4	1.38	0.97	43.1	1.64	0.00	19.3	1.93	0.49	30.0	1.35	1.26	7.4	1.72	0.69	
A2KXJQ	3.1	-0.21	0.63	28.4	-0.51	1.32	10.3	-0.83	2.55	19.2	-0.40	0.82	4.1	-1.12	1.50	
BAULWP	1.7	-0.90	0.27	26.1	-0.84	0.34	9.2	-1.17	0.02	13.0	-1.40	0.15	4.0	-1.19	0.29	
BDNWF2	1.7	-0.91	0.06	14.0	-2.60X	0.01	7.1	-1.81	0.57	18.5	-0.52	0.09	5.0	-0.33	0.17	
BYNV3Z	2.1	-0.69	1.39	31.1	-0.12	1.63	12.1	-0.29	2.07	17.3	-0.72	1.21	5.3	-0.13	1.61	
EZN6MT	5.4	0.90	0.05	41.2	1.36	0.51	30.6	5.41X	0.79	29.3	1.24	0.53	7.0	1.32	0.63	
GFTBQN	2.0	-0.76		29.7	-0.32	0.50	14.0	0.30	1.62	18.0	-0.59	1.05	5.7	0.21	2.40	
GWYTKT	2.1	-0.73	0.50	27.1	-0.69	0.95	12.5	-0.17	0.58	16.2	-0.89	0.70	5.5	0.05	0.43	
HVQVVH	1.5	-0.98	0.19	33.4	0.23	0.09	9.0	-1.24	0.06	20.3	-0.23	0.04	2.9	-2.16	0.28	
JZWNPE	3.8	0.09	0.04	28.5	-0.49	0.15	10.1	-0.88	0.01	20.4	-0.21	0.16	5.5	0.08	0.06	
K9ZAZL	5.1	0.75	0.38	37.0	0.75	2.11	12.4	-0.20	0.52	24.4	0.45	1.16	5.3	-0.09	0.79	
KLAVDC	5.9	1.11	0.15	39.4	1.09	0.11	13.0	0.01	0.35	27.0	0.86	0.64	5.9	0.37	0.48	
KWRD7J	2.5	-0.53	0.41	33.8	0.28	0.23	14.2	0.35	0.47	22.7	0.17	0.58	5.7	0.22	0.46	
L2WMLQ	5.2	0.76		32.1	0.04		12.6	-0.14		24.7	0.49		6.2	0.62		
L4NLZP	1.7	-0.90	0.12	27.3	-0.67	1.33	11.6	-0.44	0.95	16.0	-0.92	0.18	4.5	-0.81	0.52	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LGX8DF	2.6	-0.47	0.80	32.3	0.07	0.83	13.1	0.03	1.69	17.7	-0.64	0.38	5.4	-0.05	0.24	
LH6PCC	4.3	0.34	0.12	30.3	-0.23	2.37	10.7	-0.70	0.47	23.8	0.35	0.55	5.2	-0.19	0.33	
LP47WP	10.0	3.09X	6.60	54.0	3.23X	0.26	25.2	3.75X	0.65	39.5	2.90X	0.41	9.6	3.56X	0.35	
MBGDLN	4.4	0.41	0.15	41.1	1.35	0.47	16.1	0.95	0.54	25.7	0.66	0.18	5.8	0.31	1.37	
ND3HTL	2.4	-0.55		24.8	-1.02		9.5	-1.09		17.3	-0.71		3.9	-1.26		
NXBQYC	1.9	-0.79	0.21	30.4	-0.21	0.51	11.3	-0.54	0.19	16.4	-0.86	0.62	4.4	-0.91	1.00	
PDY9KL	4.0	0.23	0.30	30.8	-0.15	0.57	13.0	-0.01	0.26	21.7	0.00	0.66	5.6	0.15	0.40	
PRHZ2F	5.1	0.74	0.75	41.4	1.39	0.73	15.1	0.65	0.45	29.2	1.23	0.53	6.6	1.03	1.14	
QAYCGC	4.6	0.49	1.03	34.1	0.33	1.00	14.6	0.49	1.96	24.3	0.42	1.53	5.5	0.06	0.84	
QDHBTL	3.6	0.00	0.07	31.3	-0.09	0.58	11.9	-0.34	0.59	21.8	0.02	0.36	4.7	-0.58	0.22	
QDXTU7	2.7	-0.41	0.17	23.6	-1.20	0.00	8.8	-1.31	0.09	15.1	-1.07	0.06	3.7	-1.46	0.00	
QJFDMK	5.8	1.08	0.29	42.4	1.54	0.23	18.2	1.58	0.17	29.4	1.26	0.09	7.2	1.48	0.15	
QRELHD	4.5	0.45	0.60	34.7	0.42	0.27	14.1	0.32	0.66	25.6	0.63	0.90	5.7	0.21	0.96	
RFGAGJ	4.9	0.66	0.23	31.7	-0.02	0.13	12.3	-0.22	0.93	23.5	0.31	0.31	5.2	-0.19	0.42	
RZTUJE	2.4	-0.58	0.18	32.0	0.02	1.64	14.8	0.56	1.22	21.5	-0.03	0.85	5.8	0.28	2.04	
TPPYZA	5.9	1.15	3.33	38.6	0.98	0.93	14.7	0.52	0.75	25.5	0.62	0.97	5.2	-0.16	0.97	
UQAG4E	4.0	0.19	0.33	37.3	0.80	0.09	15.8	0.85	1.05	24.4	0.45	0.23	5.7	0.25	0.36	
UV3LXH	0.8	-1.35	0.08	25.4	-0.94	0.48	14.3	0.40	1.31	22.5	0.13	1.23	5.5	0.05	1.65	
VHWEB8	1.9	-0.79	0.17	30.0	-0.27	0.23	13.1	0.03	1.12	18.1	-0.58	0.32	5.6	0.15	0.42	
W7WLF6	5.8	1.10	0.98	34.5	0.38	0.21	15.1	0.64	0.93	25.3	0.60	0.34	5.8	0.35	0.88	
WHBJK9	5.3	0.85	1.74	40.7	1.28	1.00	13.0	-0.01	1.62	27.7	0.97	0.61	5.3	-0.07	2.40	
Y4HQX7	3.8	0.09	0.46	28.8	-0.44	0.45	9.8	-1.00	0.66	17.9	-0.60	0.62	3.8	-1.35	0.24	
YLH377	2.1	-0.73	0.44	25.0	-1.00	1.66	13.7	0.21	0.81	15.9	-0.94	0.85	4.6	-0.69	1.15	
Z6UVYZ	2.6	-0.45	0.29	31.8	0.00	2.15	15.6	0.80	0.77	17.5	-0.67	0.82	6.6	0.98	0.32	
ZG2VH8	4.9	0.65	3.96	36.7	0.70	0.13	13.7	0.22	1.05	25.1	0.56	0.08	6.6	1.04	0.32	
ZY73X9	3.3	-0.12	1.22	35.8	0.58	1.97	16.0	0.91	1.71	23.4	0.28	4.99	6.0	0.52	0.48	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups						Data units: mg/kg
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	3.58	31.9	13.0	21.7	5.42	
Median Abs Dev	1.49	3.7	2.0	3.7	0.55	
Avg Within Lab SD	0.33	1.1	0.6	0.9	0.24	
Labs Included	51	50	50	51	50	
Labs Reporting	52	52	52	52	52	



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	335.56	1.30	0.06	13.14	2.15	0.54	40.37	0.23	0.18	44.73	1.47	0.27	23.60	0.65	1.80	
3269HX	141.58	-0.68	0.63	10.78	0.98	1.59	46.28	0.85	0.53	27.30	-0.64	1.34	26.95	1.41	1.28	
43FCM9	153.53	-0.55	0.37	9.17	0.18	0.19	42.70	0.47	0.23	31.00	-0.19	0.46	21.30	0.12	0.31	
4VRYD9	355.83	1.51	0.55	8.80	0.00	0.07	50.31	1.27	0.64	42.50	1.20	0.86	24.96	0.96	1.28	
6JDA6V	119.03	-0.91	0.44	5.97	-1.40	0.28	47.24	0.95	2.39	20.69	-1.44	0.34	21.12	0.08	1.52	
6QCQP9	368.90	1.65	0.62	10.00	0.59	0.08	39.92	0.18	0.10	44.34	1.43	0.73	23.68	0.66	0.12	
733YM2	175.70	-0.33	0.95	9.91	0.55	0.86	27.05	-1.17	0.25	29.39	-0.39	0.13	17.70	-0.70	0.78	
79B96V	143.40	-0.66	0.08	8.63	-0.08	0.08	31.93	-0.66	0.20	24.67	-0.96	0.24	24.80	0.92	0.47	
7UQT2W	142.67	-0.66	0.14	5.39	-1.69	0.36	25.37	-1.34	0.21	24.33	-1.00	0.09	15.57	-1.18	0.12	
8F8HX2	316.00	1.11	3.55	8.97	0.08	0.45	39.47	0.13	0.45	38.42	0.71	1.30	21.26	0.11	1.23	
96268P	352.60	1.48	2.41	11.26	1.22	0.66	41.87	0.39	0.18	45.16	1.53	1.84	26.90	1.40	1.10	
9NGE9Q	273.27	0.67	0.05	7.48	-0.65	0.13	49.93	1.23	0.39	40.51	0.96	0.77	24.70	0.90	0.04	
A2KXJQ	171.00	-0.38	1.33	5.33	-1.72	0.51	30.00	-0.86	3.15	26.33	-0.76	0.70	14.67	-1.39	0.45	
BAULWP	162.73	-0.46	0.97	7.92	-0.44	0.19	41.50	0.35	0.21	24.76	-0.95	0.06	22.95	0.50	0.33	
BDNWF2	192.38	-0.16	0.03	8.47	-0.17	0.02	41.14	0.31	0.36	33.92	0.16	0.02	18.31	-0.56	0.09	
BYNV3Z	132.60	-0.77	1.65	17.53	4.32X	0.91	37.93	-0.03	1.73	32.27	-0.04	0.83	29.73	2.04	0.79	
EZN6MT	212.27	0.05	0.08	7.86	-0.46	0.06	35.72	-0.26	0.32	30.72	-0.22	0.06	15.83	-1.12	0.09	
GFTBQN	159.00	-0.50	0.07	10.00	0.59		43.67	0.57	0.19	33.00	0.05	0.61	25.00	0.96	0.78	
GWYTKT	126.93	-0.83	0.39	10.68	0.93	2.08	31.26	-0.73	1.15	25.38	-0.87	0.97	19.59	-0.27	0.59	
H28HEL	199.00	-0.09		8.00	-0.40		45.00	0.71		42.00	1.14		24.50	0.85		
HVQVVH	371.08	1.67	0.39	15.01	3.07X	0.32	32.90	-0.55	0.21	30.83	-0.21	0.07	20.27	-0.11	0.69	
JZWNPE	226.33	0.19	0.05	7.23	-0.78	0.02	26.05	-1.27	0.18	26.70	-0.71	0.04	16.33	-1.01	0.02	
K9ZAZL	238.33	0.31	0.74	9.63	0.41	0.75	32.83	-0.56	1.10	37.13	0.55	0.55	19.07	-0.39	0.98	
KLAVDC	294.99	0.89	0.23	8.91	0.05	0.10	29.13	-0.95	0.32	39.03	0.78	0.38	18.27	-0.57	0.64	
KWRD7J	145.00	-0.64	0.53	7.93	-0.43	0.58	33.23	-0.52	0.45	33.53	0.12	1.34	20.13	-0.14	1.04	
L2WMLQ	220.28	0.13		9.22	0.21		35.29	-0.30		39.73	0.87		20.76	0.00		



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
L4NLZP	126.34	-0.83	0.58	6.62	-1.08	0.23	34.19	-0.42	0.38	26.21	-0.77	0.30	16.71	-0.92	0.17	
LGX8DF	141.33	-0.68	0.36	8.83	0.02	0.21	39.17	0.10	0.32	28.17	-0.54	0.41	20.83	0.02	0.23	
LH6PCC	219.00	0.11	0.84	7.29	-0.75	0.85	22.27	-1.67	0.50	35.14	0.31	0.79	17.27	-0.80	0.27	
LP47WP	389.90	1.86	0.22	10.89	1.03	0.04	53.76	1.63	0.38	47.45	1.80	0.32	27.04	1.43	1.73	
MBGDLN	264.24	0.58	0.24	7.90	-0.44	0.05	41.34	0.33	0.12	35.71	0.38	0.08	20.58	-0.04	0.20	
ND3HTL	158.03	-0.51		9.77	0.48		29.95	-0.86		32.89	0.04		17.23	-0.81		
NXBQYC	118.73	-0.91	0.20	6.79	-1.00	0.15	30.63	-0.79	0.47	25.02	-0.92	0.73	17.22	-0.81	0.48	
PDY9KL	220.37	0.13	0.81	7.38	-0.70	0.29	32.46	-0.60	0.09	31.37	-0.15	0.99	19.43	-0.30	0.16	
PRHZ2F	300.22	0.94	0.17	12.50	1.83	0.33	48.30	1.06	0.37	45.76	1.60	1.36	24.83	0.93	0.92	
QAYCGC	278.59	0.72	1.19	8.25	-0.27	0.41	47.32	0.96	0.69	36.05	0.42	1.20	23.72	0.67	0.40	
QDHBTL	209.90	0.02	0.13	7.78	-0.50	0.19	30.33	-0.82	0.26	31.40	-0.14	0.27	16.83	-0.90	0.27	
QDXTU7	147.00	-0.62		6.67	-1.06	0.51	27.33	-1.14	0.19	26.67	-0.72	0.35	15.00	-1.31		
QJFDMK	271.77	0.65	0.45	9.24	0.22	0.09	44.91	0.70	0.33	35.76	0.39	0.04	21.26	0.11	0.08	
QRELHD	361.00	1.56	1.63	9.60	0.40	0.41	49.33	1.17	2.51	39.20	0.80	1.10	26.57	1.32	1.81	
RCLDZ6	138.90	-0.70	0.57	8.10	-0.35	0.09	27.60	-1.11	0.36	24.90	-0.93	0.49	14.70	-1.38	0.16	
RFGAGJ	281.96	0.76	0.14	9.13	0.16	0.59	39.68	0.16	1.34	39.48	0.84	0.40	20.93	0.04	0.45	
RZTUJE	150.18	-0.59	0.50	8.36	-0.22	0.73	40.68	0.26	1.07	31.13	-0.18	1.21	20.08	-0.16	1.21	
TPPYZA	397.72	1.94	2.97	12.46	1.81	5.73	34.78	-0.36	2.16	36.01	0.42	2.68	17.85	-0.66	0.18	
UQAG4E	191.16	-0.17	0.24	7.58	-0.61	0.03	36.67	-0.16	1.66	29.48	-0.38	0.42	16.64	-0.94	0.68	
UV3LXH	166.27	-0.42	0.36	5.48	-1.64	0.45	20.83	-1.82	0.37	20.38	-1.48	0.65	7.51	-3.02X	0.64	
VHWSB8	144.00	-0.65	0.07	9.30	0.25	0.24	33.23	-0.52	0.99	29.70	-0.35	0.53	20.33	-0.10	1.54	
W7WLF6	230.33	0.23	0.34	9.66	0.42	0.34	39.52	0.14	1.41	38.40	0.71	1.16	21.38	0.14	0.19	
WHBJK9	253.33	0.47	0.38	9.00	0.10	0.89	34.00	-0.44	0.66	41.00	1.02	1.61	22.67	0.43	3.69	
Y4HQX7	217.33	0.10	0.64	7.33	-0.73	0.51	28.67	-1.00	1.16	28.00	-0.56	1.22	15.33	-1.24	1.19	
YLH377	180.67	-0.28	0.36	7.33	-0.73	0.21	42.37	0.44	0.36	28.00	-0.56	0.61	20.93	0.04	0.90	
Z6UVYZ	205.67	-0.02	2.19	14.66	2.90X	2.10	38.45	0.03	1.40	31.49	-0.13	1.94	23.84	0.70	1.41	



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZG2VH8	336.18	1.31	0.12	11.47	1.32	0.33	38.81	0.06	0.12	34.25	0.20	0.23	20.58	-0.04	0.17	
ZY73X9	197.67	-0.10	1.05	9.07	0.13	0.22	46.13	0.83	1.54	35.40	0.34	3.21	23.00	0.51	1.17	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups										Data units: mg/kg					
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	207.8			8.80			38.2			32.6			20.8		
Median Abs Dev	63.3			1.02			5.6			5.6			3.0		
Avg Within Lab SD	15.2			1.12			3.0			1.6			1.3		
Labs Included	54			51			54			54			53		
Labs Reporting	54			54			54			54			54		



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	2.10	1.14	0.27	1.72	0.94	0.22	0.15	0.14	0.54	2.63	0.78	0.38	0.44	0.60	1.63	
3269HX	1.89	0.84	1.70	1.88	1.54	1.12	0.35	2.75	4.54	2.56	0.63	1.31	0.66	3.00	2.98	
43FCM9	0.67	-0.94	0.45	1.30	-0.58	0.00	0.10	-0.56	0.00	1.70	-1.11	0.00	0.33	-0.47	1.70	
4VRYD9	1.64	0.48	0.30	1.44	-0.08	0.19	0.13	-0.14	0.21	2.21	-0.08	0.27	0.36	-0.24	0.06	
6JDA6V	0.63	-0.99	0.42	1.06	-1.46	0.15	0.15	0.16	0.30	1.20	-2.12	0.41	0.37	-0.05	0.25	
6QCQP9	2.13	1.18	0.47	1.85	1.40	0.31	0.14	-0.05	0.12	2.85	1.23	0.84	0.23	-1.54	0.22	
733YM2	1.12	-0.28	0.21	1.35	-0.39	0.22	0.09	-0.73	0.86	2.12	-0.25	0.12	0.31	-0.68	0.17	
79B96V	1.24	-0.10	0.16	1.64	0.66	0.22	0.17	0.33	0.20	2.12	-0.25	0.28	0.54	1.74	0.45	
7UQT2W	0.89	-0.62	0.12	1.19	-0.99	0.31	0.12	-0.29	0.34	1.86	-0.78	0.28	0.26	-1.25	0.29	
8F8HX2	1.82	0.73	4.34	1.41	-0.18	0.89	0.12	-0.34	0.52	2.33	0.16	0.70	0.35	-0.33	1.36	
96268P	2.03	1.04	1.97	1.84	1.39	2.53				2.77	1.07	1.70	0.45	0.75	1.02	
9NGE9Q	1.89	0.84	0.00	1.66	0.71	0.22	0.14	-0.03	0.00	2.54	0.59	1.00	0.39	0.12	0.00	
A2KXJQ	0.93	-0.55	0.45	1.13	-1.18	0.85	0.10	-0.56	0.00	1.87	-0.77	0.61	0.27	-1.18	1.70	
BAULWP	1.35	0.06	0.39	1.43	-0.11	0.25	0.15	0.15	0.20	2.01	-0.47	0.64	0.45	0.75	0.29	
BDNWF2	1.44	0.19	0.05	1.51	0.17	0.10	0.14	0.03	0.07	2.46	0.44	0.12	0.39	0.11	0.12	
BYNV3Z	1.07	-0.36	1.95	1.40	-0.22	1.47	0.43	3.86X	5.25	2.10	-0.30	1.05	0.57	1.98	1.70	
EZN6MT	1.83	0.75	0.08	1.81	1.27	0.25				2.68	0.88	0.21	0.32	-0.58	0.17	
GFTBQN	0.77	-0.79	0.45	1.37	-0.34	0.85	0.27	1.65	1.98	1.70	-1.11	0.00	0.40	0.23	0.00	
GWYTKT	0.73	-0.85	0.43	1.27	-0.68	0.97	0.14	-0.04	0.74	1.62	-1.27	0.63	0.38	0.03	1.15	
HVQVVH	2.37	1.54	0.22	1.50	0.15	0.21	0.16	0.24	0.17	2.39	0.29	0.21	0.42	0.49	0.10	
JZWNPE	1.49	0.26	0.06	1.54	0.28	0.09	0.12	-0.32	0.03	2.10	-0.30	0.06	0.36	-0.21	0.04	
K9ZAZL	1.54	0.34	0.74	1.61	0.56	1.22	0.28	1.83		2.42	0.35	1.26	0.36	-0.23	1.87	
KLAVDC	1.66	0.51	0.09	1.64	0.66	0.42				2.50	0.51	0.30	0.22	-1.63	0.17	
KWRD7J	0.71	-0.87	0.18	1.44	-0.08	2.23	0.13	-0.11	0.52	2.05	-0.39	0.58	0.35	-0.26	0.17	
L2WMLQ	1.64	0.48		1.52	0.23		0.14	0.00		2.54	0.60		0.40	0.19		
L4NLZP	0.70	-0.89	0.54	1.24	-0.81	0.75	0.12	-0.31	0.17	1.79	-0.92	0.29	0.34	-0.42	0.17	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LGX8DF	0.83	-0.70	0.45	1.67	0.75	0.85	0.20	0.77	0.00	2.07	-0.36	1.21	0.47	0.93	1.70	
LH6PCC	1.25	-0.09	0.35	1.22	-0.86	2.03	0.05	-1.19	0.00	2.26	0.04	0.47	0.31	-0.70	0.00	
LP47WP	2.74	2.08	0.12	2.29	3.01X	0.93	0.15	0.16	1.19	3.25	2.04	1.56	0.51	1.42	2.33	
MBGDLN	1.47	0.23	0.17	1.65	0.68	0.39	0.32	2.38	1.10	2.40	0.31	0.16	0.31	-0.75	0.77	
MNRZYE	2.16	1.23	0.31	2.12	2.39	0.15	0.35	2.80	0.52	2.89	1.31	0.46	0.82	4.69X	0.74	
ND3HTL	0.93	-0.56		1.45	-0.03		0.08	-0.80		2.37	0.26		0.34	-0.45		
NXBQYC	0.65	-0.96	0.06	1.39	-0.24	0.98	0.10	-0.60	0.59	1.79	-0.93	1.49	0.33	-0.47	1.05	
PDY9KL	1.39	0.11	0.17	1.34	-0.44	0.60	0.18	0.56	0.05	2.45	0.41	0.17	0.43	0.50	0.18	
PRHZ2F	1.56	0.36	0.11	1.64	0.66	0.52	0.21	0.93	0.08	2.32	0.15	0.53	0.43	0.55	0.09	
QAYCGC	1.00	-0.46	0.29	1.39	-0.24	1.57	0.11	-0.42	0.16	1.62	-1.26	0.24	0.48	1.06	0.00	
QDHBTL	1.21	-0.14	0.04	1.46	0.00	0.74	0.10	-0.60	0.09	2.13	-0.23	0.06	0.32	-0.65	0.17	
QDXTU7	0.84	-0.69	0.09	1.14	-1.17	0.08	0.08	-0.82	0.00	1.79	-0.93	0.06	0.28	-1.04	0.29	
QJFDMK	1.91	0.87	0.34	1.67	0.78	0.11	0.12	-0.29	0.05	2.70	0.92	0.21	0.39	0.13	0.08	
QRELHD	2.05	1.07	0.39	1.72	0.94	0.64	0.22	1.08	0.52	2.58	0.68	0.84	0.46	0.83	0.34	
RCLDZ6	0.90	-0.60	0.78	1.30	-0.58	0.00	0.25	1.43	1.72	1.97	-0.57	0.61	0.40	0.23	0.00	
RFGAGJ	1.63	0.46	0.44	1.45	-0.03	1.43	0.06	-1.02	1.16	2.32	0.15	1.70	0.33	-0.53	1.75	
RZTUJE	0.74	-0.83	0.31	1.42	-0.14	1.59	0.11	-0.42	0.37	2.00	-0.49	1.01	0.35	-0.33	0.75	
TPPYZA	2.60	1.88	3.92	1.56	0.35	2.12	0.22	1.03	2.81	2.48	0.48	1.61	0.40	0.19	0.39	
UQAG4E	1.27	-0.06	0.16	1.58	0.42	0.22	0.17	0.37	0.59	2.23	-0.04	0.70	0.36	-0.19	0.29	
UV3LXH	0.79	-0.75	0.20	0.85	-2.22	0.66				1.54	-1.42	0.53	0.09	-3.04X	0.29	
VHWSB8	0.82	-0.71	0.08	1.41	-0.18	0.67	0.26	1.52	0.52	1.94	-0.62	0.64	0.46	0.83	0.74	
W7WLF6	1.42	0.15	0.27	1.55	0.31	0.42	0.12	-0.25	0.20	2.47	0.45	0.18	0.38	0.02	0.51	
WHBJK9	1.43	0.18	1.19	1.60	0.51	2.55	0.11	-0.38	0.71	2.43	0.38	1.60	0.38	-0.02	2.13	
Y4HQX7	1.13	-0.26	0.45	1.30	-0.58	0.00	0.10	-0.56	0.00	1.90	-0.70	1.05	0.30	-0.83	0.00	
YLH377	0.69	-0.90	0.16	1.00	-1.66	1.10	0.16	0.24	0.34	1.40	-1.72	0.68	0.33	-0.51	0.59	
Z6UVYZ	1.10	-0.30	0.40	1.47	0.04	1.26	0.17	0.37	1.24	1.81	-0.89	0.58	0.46	0.90	1.19	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZG2VH8	2.70	2.02	0.07	1.89	1.55	0.30	0.23	1.13	0.36	2.65	0.83	0.06	0.49	1.14	0.14	
ZY73X9	1.21	-0.15	1.01	1.71	0.91	0.67	0.16	0.19	0.20	2.34	0.20	4.46	0.46	0.83	0.45	
Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	1.31			1.46			0.14			2.25			0.38			
Median Abs Dev	0.45			0.16			0.03			0.29			0.05			
Avg Within Lab SD	0.13			0.07			0.03			0.10			0.03			
Labs Included	54			53			49			54			52			
Labs Reporting	54			54			50			54			54			



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MNRZYE	3.663		0.18	1.823		1.41	4.917		0.19	8.193		0.89	5.203		0.45	
ND3HTL	2.844			0.024			4.199			8.788			4.568			
TPPYZA	4.701		1.40	0.021		0.03	4.343		1.40	9.809		1.10	4.138		1.34	
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	3.66			0.024			4.34			8.79			4.57			
Median Abs Dev																
Avg Within Lab SD	0.81			0.046			0.39			0.17			0.18			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups													Data units: mg/kg			
SRS2406				SRS2407				SRS2408			SRS2409			SRS2410		
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	
MNRZYE	2.3		1.00	100.8		1.00	39.8		1.00	63.0		1.00	27.1		1.00	

Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups													Data units: mg/kg			
SRS2406				SRS2407				SRS2408			SRS2409			SRS2410		
Grand Median	2.32			100.8			39.8			63.0			27.1			
Median Abs Dev	0.27			0.6			1.0			1.5			0.4			
Avg Within Lab SD	0.27			0.6			1.0			1.5			0.4			
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	14.10	-0.75	0.28	8.43	0.03	1.83	2.94	-0.48	0.76	7.30	0.74	0.84	14.17	0.26	2.00	
HVQVVH	28.38	1.06	0.92	2.42	-1.79	0.68	11.37	4.70X	0.75	5.69	-0.10	0.85	1.90	-1.88	0.57	
K9ZAZL	20.93	0.12	0.18	5.37	-0.90	0.12				2.83	-1.58	0.31	9.53	-0.55	0.04	
L4NLZP	19.10	-0.12	2.61	10.25	0.58	1.73	4.14	0.25	2.04	6.41	0.28	1.71	17.07	0.76	0.33	
MNRZYE	31.90	1.51	1.18	8.23	-0.03	1.05	4.30	0.35	0.21	6.23	0.18	0.19	21.13	1.47	2.03	
NXBQYC	16.37	-0.46	0.50	9.72	0.42	0.71	4.60	0.54	1.19	6.33	0.23	0.72	15.17	0.43	1.04	
PDY9KL	22.34	0.29	0.27	6.11	-0.67	0.92	3.55	-0.11	0.23	3.67	-1.14	0.16	10.88	-0.32	0.07	
QDXTU7	25.57	0.70	0.06	10.47	0.65	0.31	0.83	-1.78	0.07	4.80	-0.56	0.12	11.23	-0.26	0.15	
VHWPB8	8.83	-1.42	0.16	4.33	-1.21	0.59	0.83	-1.78	0.35	2.33	-1.84	0.35	9.83	-0.50	0.21	
ZY73X9	17.50	-0.32	0.72	9.87	0.46	0.51	3.90	0.11	1.27	6.07	0.10	2.20	14.50	0.31	0.52	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	20.0			8.33			3.73			5.88			12.7			
Median Abs Dev	4.6			2.03			0.68			0.81			2.7			
Avg Within Lab SD	1.8			0.49			0.83			0.82			1.4			
Labs Included	10			10			8			10			10			
Labs Reporting	10			10			9			10			10			



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

Data units: mg/kg

WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43PQL3	3.30	1.31	0.82	0.65	-0.04	1.00	0.17	0.64	0.21	0.47	0.55	0.38	0.28	0.67	0.33
4VRYD9	2.13	0.42	0.07	0.62	-0.13	2.16	0.08	-0.81	0.51	0.32	-0.25	0.91	0.13	-0.81	0.69
79B96V	0.41	-0.89	0.11	0.64	-0.08	0.24	0.13	0.00	0.42	0.39	0.10	0.14	0.23	0.19	0.33
96268P	2.90	1.00	1.74	1.00	0.72	1.57	0.14	0.14	0.81	0.51	0.73	0.29	0.22	0.02	1.72
A2KXJQ	0.88	-0.54	1.70	0.67	0.00	0.24	0.10	-0.42	0.00	0.20	-0.91	1.04	0.10	-1.08	0.00
BYNV3Z	0.44	-0.87	0.66	0.62	-0.11	1.12	0.11	-0.32	1.29	0.20	-0.87	0.38	0.13	-0.79	1.00
CRYUZT	3.43	1.40	0.90	1.16	1.07	1.08	0.18	0.82	0.99	0.53	0.83	0.32	0.33	1.07	1.32
DRZ6EW	2.63	0.80	0.91	0.91	0.53	0.94				0.50	0.69	0.68			
EBVTPR	1.85	0.20	0.17	0.94	0.58	0.09	0.12	-0.05	0.42	0.49	0.62	0.29	0.25	0.35	0.58
GFTBQN	3.60	1.53	1.08	1.50	1.82	1.57	0.20	1.17	3.67	0.53	0.87	3.82	1.37	10.98X	8.81
HVQVVH	2.97	1.05	0.63	1.90	2.69	0.63	0.05	-1.28	0.06	0.71	1.82	0.35	0.21	0.01	0.84
JZWNPE	1.16	-0.33	0.06	0.29	-0.84	0.04	0.04	-1.31	0.06	0.30	-0.35	0.09	0.08	-1.27	0.03
LMZLTP	1.23	-0.27	0.62	0.33	-0.75	0.91				0.20	-0.89	0.00	0.10	-1.08	
LP47WP	6.71	3.89X	1.47	1.64	2.13	2.28	0.54	6.64X	0.80	1.06	3.64X	0.19	1.15	8.93X	0.20
MNRZYE	0.59	-0.76	0.29	0.87	0.43	0.00	0.15	0.42	0.21	0.31	-0.29	0.14	0.25	0.35	1.15
ND3HTL	0.90	-0.52		0.80	0.28		0.12	-0.11		0.35	-0.10		0.19	-0.22	
NXBQYC	0.51	-0.82	0.35	0.84	0.36	0.77	0.06	-1.13	0.26	0.22	-0.78	0.84	0.11	-1.03	1.46
RFGAGJ	0.98	-0.46	0.45	0.08	-1.30	0.61	0.16	0.60	0.89	0.15	-1.14	0.86	0.16	-0.49	0.32
RZTUJE	1.41	-0.14	1.17	0.75	0.17	0.10	0.18	0.89	0.15	0.42	0.29	0.40	0.29	0.71	0.77
TPPYZA	0.77	-0.62		0.09	-1.28		0.05	-1.15		0.10	-1.42		0.08	-1.23	
U2TV8G	2.05	0.36	2.00	0.66	-0.03	1.09	0.14	0.21	0.73	0.33	-0.22	1.26	0.21	0.00	2.40
UQAG4E	1.99	0.31	0.65	0.67	-0.01	0.42	0.15	0.32	0.21	0.39	0.10	0.38	0.24	0.25	0.58
XN8PNA	2.72	0.87	0.13	0.82	0.33	0.04	0.16	0.58	0.17	0.43	0.31	0.43	0.28	0.60	0.55
YLH377	1.76	0.14	2.27	0.67	-0.01	0.47	0.29	2.65X	0.56	0.49	0.66	0.88	0.79	5.49X	5.19
ZG2VH8	0.78	-0.62	0.15	0.15	-1.16	0.03	0.01	-1.79	0.11	0.10	-1.41	0.26	0.01	-1.96	0.04



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups						Data units: mg/kg
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	1.59	0.67	0.13	0.37	0.21	
Median Abs Dev	0.81	0.20	0.04	0.13	0.07	
Avg Within Lab SD	0.09	0.06	0.03	0.04	0.02	
Labs Included	24	25	21	24	21	
Labs Reporting	25	25	23	25	24	



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	0.60	-0.08	0.78	0.96	0.65	0.51	0.10	0.39	0.29	0.27	1.15	0.90	0.18	1.88	1.20	
43FCM9	0.23	-2.19	1.28	0.40	-3.31X	0.00	0.13	1.03	2.86	0.20	-0.78	0.00	0.10	-0.08	0.00	
733YM2	0.76	0.88	1.67	0.86	-0.01	2.14				0.23	-0.07	1.00	0.11	0.08	1.75	
7UQT2W	0.75	0.81	0.22	0.69	-1.24	0.22	0.10	0.32	0.50	0.23	0.10	0.66	0.10	-0.08	0.69	
BAULWP	0.60	-0.08	0.56	0.87	0.06	0.13	0.08	-0.18	1.03	0.24	0.36	0.90	0.14	0.90	1.84	
GWYTKT	0.50	-0.66	0.43	0.91	0.31	0.18	0.11	0.62	0.63	0.23	0.07	0.77	0.12	0.38	1.05	
L4NLZP	0.62	0.08	0.18	0.76	-0.71	0.47	0.14	1.12	0.37	0.28	1.21	0.19	0.16	1.40	1.32	
LGX8DF	0.91	1.71	0.56	1.03	1.17	0.44	0.25	3.52X	0.50	0.40	4.49X	1.14	0.25	3.59X	1.20	
PDY9KL	1.26	3.74X	1.61	0.87	0.01	1.10	0.05	-0.76	0.03	0.28	1.35	0.25	0.09	-0.41	0.20	
QDXTU7	0.66	0.28	0.00	0.71	-1.10	0.00	0.02	-1.32	0.29	0.20	-0.78	0.00	0.06	-1.06	0.00	
RCLDZ6	0.50	-0.64		0.70	-1.17	0.00				0.17	-1.65	2.49	0.10	-0.08	0.00	
VHWSB8	0.51	-0.60	0.34	0.93	0.49	0.25	0.06	-0.46	0.76	0.22	-0.34	0.25	0.09	-0.33	0.69	
Y4HQX7	0.81	1.13	2.02	0.79	-0.56	2.00	0.04	-0.96	0.50	0.20	-0.86	0.90	0.04	-1.55	0.98	
Z6UVYZ	0.64	0.15	1.41	0.73	-0.96	1.80	0.09	0.18	0.76	0.23	-0.07	0.25	0.15	1.14	0.69	
ZY73X9	0.59	-0.14	0.94	1.00	0.98	0.34	0.05	-0.76	0.64	0.25	0.63	1.77	0.11	0.08	0.90	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	0.61			0.86			0.085			0.23			0.10			
Median Abs Dev	0.11			0.10			0.032			0.03			0.02			
Avg Within Lab SD	0.04			0.05			0.020			0.02			0.01			
Labs Included	14			14			12			14			14			
Labs Reporting	15			15			13			15			15			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2C94Z3	0.49	-2.23	0.96	0.15	-3.87X	1.39	0.10	-0.88	2.61	0.11	-4.07X	1.85	0.07	-2.02	1.24
3269HX	0.68	0.08	0.68	0.24	1.18	2.56	0.15	2.59	2.09	0.17	0.65	1.79	0.11	0.80	2.32
32JLV9	0.74	0.87	1.53	0.22	-0.31	0.38	0.11	-0.41	0.53	0.16	-0.15	0.58	0.10	-0.31	0.32
6QCQP9	0.68	0.15	0.23	0.20	-1.42	0.41	0.10	-0.97	0.05	0.15	-0.83	0.13	0.09	-0.67	0.10
8F8HX2	0.63	-0.49	1.30	0.22	0.06	1.57	0.11	0.02	0.52	0.16	0.00	1.32	0.10	0.17	1.01
96268P	0.67	-0.03	1.74	0.21	-0.47	1.72	0.11	-0.29	0.89	0.14	-1.88	1.90	0.11	0.75	1.80
ERFJNR	0.66	-0.17	0.39	0.23	0.39	0.30	0.13	0.89	0.19	0.18	1.41	0.23	0.13	1.68	1.01
EZN6MT	0.77	1.33	0.26	0.24	0.99	0.31	0.11	-0.01	0.18	0.17	0.40	0.13	0.10	0.24	0.20
KLAVDC	0.71	0.52	1.30	0.23	0.62	0.59	0.12	0.23	0.52	0.16	0.00	1.32	0.10	-0.26	1.01
MBGDLN	0.65	-0.22	0.22	0.22	0.00	0.15	0.11	0.01	0.31	0.16	-0.19	1.05	0.10	0.12	0.15
QDXTU7	0.67	0.03	0.33	0.22	-0.30	0.10	0.11	0.08	0.68	0.16	0.03	0.26	0.10	-0.34	0.10
RFY6YK	0.54	-1.57	1.81	0.21	-0.72	0.09	0.10	-0.79	0.24	0.15	-0.65	0.49	0.09	-0.56	0.25
ZG2VH8	0.79	1.50	0.34	0.26	1.86	0.31	0.15	2.19	0.14	0.20	2.49	0.53	0.12	1.41	0.41
ZY73X9	0.65	-0.26	0.31	0.21	-0.45	0.24	0.11	-0.10	0.73	0.16	-0.09	0.74	0.10	-0.12	0.63

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	0.67			0.22			0.11			0.16			0.10		
Median Abs Dev	0.03			0.01			0.01			0.01			0.01		
Avg Within Lab SD	0.02			0.01			0.01			0.00			0.01		
Labs Included	14			13			14			13			14		
Labs Reporting	14			14			14			14			14		



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	0.72	0.44	1.35	0.23	0.17	1.89	0.11	0.00	1.58	0.17	0.25	2.08	0.10	-0.43	1.17	
32JLV9	0.69	-0.10	0.27	0.22	-0.16	0.40	0.12	0.45	1.81	0.16	-0.10	0.26	0.11	0.06	0.15	
62EWVU	0.67	-0.60	0.89	0.22	-0.15	1.52	0.11	-0.21	0.68	0.16	-0.37	1.50	0.09	-0.62	2.01	
6JDA6V	0.67	-0.49	0.01	0.24	0.65	0.03	0.12	0.19	0.01	0.18	0.60	0.01	0.11	0.28	0.01	
6QCQP9	0.73	0.52	2.65	0.23	0.41	2.07	0.10	-0.96	0.49	0.16	-0.09	0.36	0.09	-0.70	0.20	
8F8HX2	0.60	-1.81	3.56	0.20	-0.77	1.43	0.10	-0.52	0.79	0.16	-0.24	0.00	0.10	-0.05	1.17	
8PEAC3	0.69	-0.09	0.62	0.20	-0.77	0.71	0.10	-0.70	0.00	0.15	-0.73	0.00	0.09	-0.82	0.00	
9NGE9Q	0.72	0.34	0.37	0.23	0.23	0.80	0.14	1.35	0.08	0.18	0.63	0.04	0.12	0.98	0.32	
A2KXJQ	0.60	-1.83	0.79	0.21	-0.35	0.70	0.13	1.05	0.80	0.17	0.24	0.78	0.12	0.89	1.31	
A4K394	0.65	-0.86	1.51	0.22	-0.10	0.00	0.13	0.61	0.97	0.17	0.25	0.00	0.12	0.91	0.00	
EBVTPR	0.70	0.09	0.29	0.20	-1.08	0.61	0.12	0.47	0.32	0.16	-0.20	0.42	0.11	0.05	0.54	
ERFJNR	0.69	-0.19	0.37	0.23	0.10	0.25	0.11	0.09	0.60	0.17	0.35	0.84	0.12	1.08	0.46	
EZN6MT	0.79	1.58	0.43	0.23	0.41	0.82	0.13	1.08	0.14	0.17	0.29	0.18	0.11	0.16	0.70	
F3NREN	0.73	0.54	0.21	0.20	-0.80	0.26	0.11	-0.33	0.86	0.15	-0.66	0.07	0.10	-0.22	0.31	
HAXZTV	0.65	-0.86	0.53	0.22	-0.10	0.00	0.12	0.35	0.00	0.17	0.09	0.69	0.12	0.91	0.00	
HBYR9P	0.66	-0.70	2.17	0.17	-2.09	2.13	0.02	-5.05X	2.33	0.10	-2.95	4.44	0.06	-2.80	2.19	
K9ZAZL	0.68	-0.35	0.42	0.21	-0.61	0.56	0.11	0.00	1.43	0.15	-0.52	0.66	0.10	-0.41	0.54	
KZQV3Q	0.69	-0.09	0.31	0.22	-0.23	0.71	0.11	-0.17	0.00	0.16	-0.40	0.69	0.09	-0.63	1.17	
LGX8DF	0.51	-3.33X	0.03	0.19	-1.51	0.25	0.10	-0.49	0.49	0.14	-1.35	0.18	0.09	-0.66	0.23	
NXBQYC	0.71	0.27	1.45	0.23	0.46	2.10	0.13	0.69	2.23	0.17	0.44	1.34	0.11	0.42	3.01	
PDY9KL	0.85	2.61	0.13	0.34	4.92X	1.59	0.25	7.27X	0.83	0.28	5.78X	0.78	0.21	6.23X	2.53	
PR3FGH	0.69	-0.15	0.00	0.23	0.30	0.00	0.10	-0.52	0.79	0.16	-0.24	0.00	0.10	-0.24	0.00	
PRZ3XF	0.71	0.19	0.26	0.24	0.90	1.25	0.14	1.14	1.66	0.18	0.96	0.49	0.12	1.07	0.70	
PYJAFK	0.68	-0.27	0.31	0.23	0.44	0.71	0.13	0.70	0.79	0.18	0.58	0.69	0.11	0.34	0.00	
QAYCGC	0.73	0.62	0.33	0.25	1.28	0.75	0.15	1.73	0.87	0.20	1.59	0.73	0.13	1.53	0.82	
QDHBTL	0.71	0.26	0.31	0.24	0.70	0.00	0.09	-1.22	1.37	0.17	0.09	0.69	0.11	0.14	1.17	



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QDXTU7	0.73	0.51	0.05	0.23	0.33	0.38	0.12	0.16	0.32	0.17	0.47	0.07	0.11	0.28	0.41
QJFDMK	0.60	-1.71	0.08	0.18	-1.70	0.31	0.14	1.62	0.44	0.15	-0.89	0.45	0.08	-1.61	0.12
RCLDZ6	0.73	0.62	0.31	0.22	-0.10	1.23	0.11	-0.44	0.69	0.15	-0.73	1.20	0.09	-0.82	0.00
RFY6YK	0.63	-1.25	0.28	0.16	-2.34	0.26	0.09	-1.22	0.49	0.12	-2.10	0.36	0.08	-1.36	0.51
U2TV8G	0.62	-1.38	0.58	0.17	-2.17	1.43	0.08	-1.96	0.69	0.12	-2.36	0.55	0.07	-1.78	1.93
VHWPB8	0.72	0.32	0.41	0.21	-0.52	0.07	0.12	0.16	0.76	0.16	-0.43	0.32	0.10	-0.09	0.51
W7WLF6	0.69	-0.22	0.67	0.23	0.17	0.70	0.10	-0.56	0.21	0.18	0.55	0.12	0.10	-0.39	0.23
XN8PNA	0.71	0.20	0.00	0.23	0.17	0.71	0.11	0.00	0.79	0.17	0.25	0.00	0.10	-0.24	0.00
Y4HQX7	0.71	0.15	0.31	0.24	0.57	1.43	0.11	-0.17	2.37	0.18	0.58	0.69	0.11	0.14	1.17
ZG2VH8	0.79	1.58	0.28	0.26	1.33	0.37	0.15	1.74	0.21	0.20	1.54	0.27	0.12	1.06	0.48
ZY73X9	0.73	0.49	0.82	0.23	0.13	1.16	0.10	-0.55	1.66	0.16	-0.15	0.50	0.11	0.09	1.43

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	0.70			0.22			0.11			0.16			0.10		
Median Abs Dev	0.03			0.01			0.01			0.01			0.01		
Avg Within Lab SD	0.02			0.01			0.01			0.01			0.00		
Labs Included	36			36			35			36			36		
Labs Reporting	37			37			37			37			37		



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Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups															Data units: %	
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	10.85	1.26	0.07	2.75	0.08	0.81	1.46	-0.69	3.31	1.81	0.17	0.70	1.08	0.03	0.91	
62EWVU	10.02	-0.24	1.58	2.68	-0.33	0.70	1.71	0.65	1.51	1.77	-0.06	1.30	1.11	0.27	1.40	
8F8HX2	10.04	-0.20	1.46	2.68	-0.33	1.04	1.55	-0.23	0.59	1.79	0.06	1.86	1.11	0.30	0.76	
8PEAC3	9.84	-0.57	0.16	2.55	-1.12	0.58	1.46	-0.71	0.20	1.70	-0.42	0.41	1.04	-0.37	0.25	
9NGE9Q	10.60	0.81	0.71	2.84	0.60	0.81	1.75	0.86	0.59	1.83	0.29	1.02	1.18	1.01	0.44	
A4K394	9.99	-0.30	0.14	2.63	-0.64	0.33	1.52	-0.40	0.28	1.68	-0.55	0.29	1.00	-0.81	1.24	
EBVTPR	10.60	0.81	0.10	2.69	-0.27	0.48	1.75	0.85	0.60	1.86	0.43	0.41	1.23	1.48	0.91	
EZN6MT	11.64	2.68	0.58	2.84	0.58	0.17	1.87	1.48	0.18	1.82	0.21	0.73	1.13	0.51	0.22	
F3NREN	10.52	0.65	0.36	2.56	-1.04	0.82	1.49	-0.51	0.91	1.59	-1.01	1.22	1.05	-0.33	0.55	
HBYR9P	10.46	0.56	3.00	3.44	4.04X	4.72	2.56	5.14X	3.25	2.62	4.47X	20.82	1.74	6.65X	2.73	
KZQV3Q	9.67	-0.86	0.15	2.61	-0.77	0.13	1.59	0.00	0.23	1.71	-0.36	0.41	1.06	-0.17	0.50	
LGX8DF	10.94	1.41	0.10	2.83	0.52	1.00	1.59	0.00	0.82	1.79	0.06	0.81	1.05	-0.27	1.01	
LP47WP	3.01	-12.89X	1.03	1.56	-6.81X	0.44	1.21	-2.01	0.54	1.18	-3.18	1.23	0.82	-2.67	0.84	
PDY9KL	10.38	0.42	0.51	2.82	0.45	0.37	1.98	2.05	1.11	1.95	0.93	0.82	1.28	1.99	2.41	
PR3FGH	10.03	-0.23	0.49	2.74	0.00	0.40	1.51	-0.42	0.47	1.76	-0.08	0.23	1.07	-0.07	0.50	
PYJAFK	9.91	-0.44	2.11	2.78	0.21	3.70	1.60	0.05	1.37	1.74	-0.20	0.41	1.08	0.00	0.44	
QAYCGC	10.17	0.03	0.37	2.77	0.19	0.74	1.82	1.22	0.26	1.80	0.12	1.07	1.09	0.10	1.90	
QDXTU7	9.63	-0.94	0.01	2.44	-1.73	0.29	1.38	-1.12	0.32	1.62	-0.87	0.26	0.96	-1.17	0.25	
QJFDMK	10.94	1.41	0.36	3.20	2.66	0.23	3.64	10.86X	0.97	2.52	3.97	2.04	1.71	6.37X	0.87	
TPPYZA	10.14	-0.03		2.75	0.06		1.62	0.18		1.73	-0.28		1.16	0.83		
VHWXB8	9.95	-0.37	0.33	2.53	-1.20	0.13	1.60	0.05	0.39	1.65	-0.70	0.62	1.04	-0.37	0.25	
W7WLF6	10.47	0.57	0.99	2.85	0.66	0.27	1.48	-0.56	0.08	1.90	0.63	1.69	1.15	0.74	1.26	
ZG2VH8	10.13	-0.04	0.04	2.61	-0.73	0.08	1.61	0.11	0.25	1.83	0.25	0.06	1.01	-0.69	0.32	



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Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups						Data units: %
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	10.2	2.74	1.59	1.78	1.08	
Median Abs Dev	0.3	0.10	0.11	0.06	0.04	
Avg Within Lab SD	0.2	0.04	0.08	0.02	0.02	
Labs Included	22	21	21	22	21	
Labs Reporting	23	23	23	23	23	



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	10.23	0.29	2.36	2.15	-0.45	0.20	1.51	-0.53	0.17	1.78	0.53	0.13	1.09	0.23	0.92	
32JLV9	9.98	-0.07	0.47	2.62	0.76	0.55	1.62	0.08	1.50	1.75	0.17	1.81	1.08	0.11	0.65	
62EWVU	9.12	-1.28	1.28	1.86	-1.20	2.35	1.66	0.30	1.37	1.71	-0.16	0.13	1.03	-0.37	0.13	
6QCQP9	11.89	2.64	2.59	2.43	0.26	1.22	1.78	0.96	0.31	1.65	-0.76	1.24	1.32	2.83	0.68	
733YM2	9.73	-0.42	0.47	2.63	0.79	0.24	1.66	0.31	3.09	1.76	0.28	1.16	1.05	-0.16	0.40	
8F8HX2	10.04	0.02	1.10	2.08	-0.63	0.32	1.55	-0.30	0.37	1.79	0.60	1.03	1.11	0.49	0.38	
ERFJNR	9.85	-0.26	0.07	2.62	0.76	0.08	1.50	-0.54	0.10	1.68	-0.49	0.13	1.13	0.77	0.13	
EZN6MT	11.52	2.12	0.84	2.15	-0.46	0.61	1.69	0.50	0.14	1.76	0.31	0.96	1.08	0.18	0.62	
HAXZTV	10.02	-0.01	0.30	2.77	1.15	2.29	1.38	-1.21	0.34	1.72	-0.13	0.34	1.10	0.38	1.01	
K9ZAZL	10.04	0.01	0.72	2.08	-0.63	0.32	1.70	0.52	0.54	1.67	-0.56	0.34	1.06	-0.11	0.64	
LH6PCC	3.21	-9.69X	0.13	0.84	-3.83X	0.11	0.58	-5.66X	0.18	0.54	-11.88X	0.15	0.32	-8.46X	0.28	
NXBQYC	10.02	-0.02	1.44	2.30	-0.06	2.94	1.75	0.83	1.92	1.90	1.66	3.69	1.23	1.84	3.99	
PDY9KL	10.29	0.37	0.38	2.20	-0.32	0.26	1.89	1.60	0.69	1.85	1.22	0.36	1.19	1.35	1.17	
PRZ3XF	9.35	-0.96	0.14	2.49	0.43	0.02	1.55	-0.30	0.43	1.65	-0.83	0.13	1.02	-0.56	0.45	
QAYCGC	9.57	-0.64	0.55	1.98	-0.88	0.32	1.67	0.36	0.96	1.66	-0.66	0.13	0.97	-1.05	0.56	
QDHBTB	10.67	0.91	0.28	2.86	1.36	0.41	1.26	-1.91	0.76	1.85	1.23	0.13	1.13	0.76	0.26	
QDXTU7	9.63	-0.57	0.01	1.91	-1.08	0.16	1.38	-1.24	0.20	1.62	-1.14	0.14	0.96	-1.16	0.13	
RCLDZ6	11.19	1.66	0.28	1.87	-1.18	0.31	1.67	0.40	1.21	1.78	0.53	0.27	1.08	0.16	0.66	
RFY6YK	9.81	-0.30	0.10	2.46	0.33	0.30	1.59	-0.05	0.45	1.59	-1.41	0.71	1.04	-0.25	0.28	
TPPYZA	10.14	0.16		2.75	1.09		1.62	0.12		1.73	-0.04		1.16	1.08		
U2TV8G	8.62	-2.00	1.73	2.35	0.06	0.71	1.40	-1.11	0.22	1.54	-1.92	0.13	1.04	-0.34	0.13	
W7WLF6	9.61	-0.59	0.49	2.12	-0.52	0.27	1.38	-1.23	0.14	1.76	0.30	0.23	1.05	-0.22	0.56	
XN8PNA	10.43	0.58	0.28	2.63	0.78	0.13	1.43	-0.93	0.17	1.70	-0.26	0.13	0.99	-0.86	0.22	
Y4HQX7	10.13	0.15	0.28	2.70	0.95	0.07	1.45	-0.82	0.98	1.73	0.04	0.26	1.04	-0.30	0.59	
ZG2VH8	10.13	0.15	0.03	2.30	-0.06	0.05	1.61	0.05	0.15	1.83	0.96	0.03	1.01	-0.62	0.16	



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	10.0	2.33	1.60	1.73	1.07	
Median Abs Dev	0.3	0.27	0.09	0.06	0.04	
Avg Within Lab SD	0.2	0.08	0.12	0.04	0.05	
Labs Included	24	24	24	24	24	
Labs Reporting	25	25	25	25	25	



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Soil Inorganic C (pressure Trans) (SubTestCode 1812) in the Soil Organic Matter Property Groups													Data units: %					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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			
A4K394	0.28		1.00	0.60		1.00	0.03		1.00	0.05		1.00		0.04	1.00			

Soil Inorganic C (pressure Trans) (SubTestCode 1812) in the Soil Organic Matter Property Groups													Data units: %					
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	0.28			0.60			0.030			0.045			0.040					
Median Abs Dev																		
Avg Within Lab SD	0.06			0.03			0.000			0.007			0.000					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Soil Inorganic C (TC-TOC) (SubTestCode 1813) in the Soil Organic Matter Property Groups														Data units: %				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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			
PDY9KL	0.09		1.00	0.62		1.41	0.09		1.00	0.10		1.00	0.09		1.00			
QDXTU7				0.53		0.00												
Soil Inorganic C (TC-TOC) (SubTestCode 1813) in the Soil Organic Matter Property Groups														Data units: %				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	0.09			0.58			0.086			0.10			0.09					
Median Abs Dev																		
Avg Within Lab SD	0.00			0.01			0.003			0.00			0.01					
Labs Included	1			2			1			1			1					
Labs Reporting	1			2			1			1			1					



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32JLV9	16.61	-0.12	0.09	3.25	-0.96	0.08	2.28	-1.06	0.26	2.42	-1.41	0.00	1.52	-1.30	0.23	
6QCQP9	21.23	0.47	0.16	4.17	0.59	0.24	2.93	0.13	0.59	3.25	0.37	0.09	2.05	0.38	0.65	
96268P	19.00	0.19	0.87	3.48	-0.56	1.15	17.53	27.11X	2.58	3.40	0.70	2.24	2.35	1.29	0.12	
BDNWF2	19.73	0.28	0.29	3.82	0.00	0.31	2.28	-1.06	0.31	2.90	-0.37	0.39	1.83	-0.32	0.35	
ERFJNR	7.55	-1.29	0.10	3.84	0.04	0.24	2.57	-0.53	0.36	3.18	0.23	0.52	2.16	0.71	1.25	
EZN6MT	21.80	0.55	0.21	4.22	0.67	0.20	2.96	0.20	0.29	3.15	0.16	0.07	1.97	0.12	0.12	
GFTBQN	15.77	-0.23	0.41	3.10	-1.20	0.00	2.87	0.02	0.59	2.30	-1.67	0.00	1.80	-0.42	0.00	
KLAVDC	24.29	0.87	0.25	4.54	1.21	0.33	2.84	-0.02	1.05	3.38	0.65	0.94	2.19	0.79	0.51	
LP47WP	5.17	-1.60	0.45	2.69	-1.89	0.18	2.08	-1.43	0.71	2.03	-2.24	0.41	1.40	-1.65	0.66	
MBGDLN	21.29	0.48	0.40	4.08	0.43	0.18	3.14	0.53	0.30	3.16	0.17	0.25	1.93	0.00	0.14	
ND3HTL	5.87	-1.51		1.24	-4.32X		1.08	-3.28X		1.04	-4.37X		0.72	-3.79X		
QDXTU7	20.94	0.44	0.34	4.02	0.34	0.88	3.20	0.64	0.54	3.36	0.61	0.16	2.34	1.27	0.40	
QJFDMK	23.60	0.78	0.39	4.46	1.07	0.16	3.56	1.30	0.61	3.40	0.70	0.17	2.31	1.17	0.12	
RFGAGJ	6.34	-1.45	0.06	3.33	-0.82	0.61	2.88	0.05	0.46	2.56	-1.10	1.36	1.99	0.17	1.49	
RFY6YK	6.80	-1.39	0.00	3.63	-0.32	0.10	2.11	-1.37	0.85	2.83	-0.54	0.80	1.66	-0.84	0.66	
TPPYZA	11.43	-0.79	4.28	3.43	-0.66	4.17	3.01	0.29	3.56	2.61	-0.99	3.10	1.60	-1.03	0.63	
UV3LXH	18.22	0.09	0.20	4.09	0.45	0.24	3.14	0.53	0.48	2.99	-0.18	0.17	1.93	-0.01	0.20	
VHWXB8	18.30	0.10	0.43	3.70	-0.20	0.53	2.73	-0.22	0.59	3.17	0.20	0.46	2.10	0.52	0.00	
XN8PNA	18.23	0.09	0.20	3.35	-0.79	0.34	2.23	-1.15	0.45	3.00	-0.16	0.41	1.71	-0.70	0.92	
Y4HQX7	16.90	-0.09	0.43	3.27	-0.92	0.31	2.67	-0.35	0.59	2.80	-0.59	0.80	1.83	-0.31	3.07	
Y7RQ3C	10.43	-0.92	0.58	4.04	0.37	0.08	2.04	-1.51	1.08	4.29	2.61X	0.77	1.77	-0.50	2.01	
YLH377	8.89	-1.12	0.29	4.22	0.68	0.30	3.45	1.09	0.80	3.30	0.47	0.51	2.15	0.66	0.71	



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	17.6	3.82	2.86	3.08	1.93	
Median Abs Dev	4.0	0.39	0.29	0.26	0.21	
Avg Within Lab SD	0.6	0.19	0.10	0.13	0.05	
Labs Included	22	21	20	20	21	
Labs Reporting	22	22	22	22	22	



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SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
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	
7UQT2W	8.54		0.39	3.25		1.32	2.66		0.79	2.65		1.23	1.86		1.16	
PYJAFK	19.87		0.50	4.83		0.73	2.63		0.70	3.53		0.85	2.23		1.20	
ZG2VH8	17.47		0.04	3.97		0.08	2.78		0.39	3.15		0.04	1.74		0.26	
ZY73X9	17.90		1.89	3.49		1.31	2.16		1.66	2.81		1.33	1.86		1.08	
SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	17.7			3.73			2.65			2.98			1.86			
Median Abs Dev																
Avg Within Lab SD	0.2			0.08			0.08			0.07			0.05			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	20.65	1.12	0.13	4.48	-0.14	0.20	2.75	0.95	1.23	3.78	0.59	0.66	2.53	1.13	0.15	
2D4RD7	19.72	0.54	0.10	4.90	1.18	0.20	2.63	0.26	0.89	3.80	0.69	0.13	2.47	0.69	0.23	
2K2EBX	19.53	0.42	1.19	4.92	1.27	0.46	2.79	1.20	1.40	3.81	0.73	0.78	2.63	1.77	0.49	
3269HX	18.73	-0.08	2.57	4.96	1.40	0.71	2.63	0.26	1.32	3.61	-0.10	0.65	2.41	0.27	1.38	
43FCM9	20.58	1.08	0.19	4.53	0.00	0.15	2.72	0.77	0.30	3.58	-0.21	0.09	2.35	-0.11	0.09	
4L6ZL3	21.57	1.70	0.01	4.14	-1.23	0.06	2.49	-0.60	0.07	4.05	1.67	0.10	2.47	0.72	0.08	
4NDY9W	18.23	-0.39	0.49	4.53	0.03	0.33	2.47	-0.76	0.67	3.83	0.81	0.49	2.27	-0.67	1.56	
62EWVU	17.17	-1.06	0.00	4.49	-0.11	0.00	2.60	0.06	0.65	3.51	-0.49	0.00	2.41	0.29	0.00	
79B96V	18.58	-0.18	0.00	4.55	0.09	0.03	2.47	-0.72	0.07	3.57	-0.23	0.10	2.35	-0.09	0.08	
8F8HX2	19.30	0.27	0.73	4.62	0.29	1.08	2.71	0.71	1.17	3.66	0.13	0.60	2.48	0.78	0.66	
9NWBZQ	17.61	-0.79	0.69	4.50	-0.08	0.26	2.60	0.08	0.76	3.64	0.05	0.87	2.43	0.43	0.99	
BAULWP	18.29	-0.36	0.12	4.07	-1.45	0.00	2.39	-1.23	0.00	3.28	-1.42	0.20	2.16	-1.39	0.00	
BYNV3Z	18.69	-0.11	1.15	4.68	0.48	1.10	2.68	0.53	0.82	3.79	0.63	0.13	2.52	1.03	0.36	
EBVTPR	19.60	0.47	0.43	4.85	1.03	0.31	2.73	0.85	1.16	3.72	0.37	0.60	2.55	1.25	0.21	
ERFJNR	18.03	-0.52	0.32	4.27	-0.82	0.33	2.40	-1.17	1.16	3.13	-2.00	0.49	2.10	-1.79	0.00	
F3NREN	19.70	0.53	1.29	4.63	0.34	0.65	2.70	0.67	2.01	3.60	-0.12	1.71	2.37	0.00	2.06	
FKQJLJ	19.07	0.13	2.97	5.12	1.90	2.97	2.65	0.34	1.58	3.80	0.68	2.27	2.54	1.16	1.90	
GRMRFP	15.40	-2.17	0.00	4.20	-1.03	0.00	2.50	-0.55		3.30	-1.33	0.00	2.30	-0.45	0.00	
GWYTKT	18.93	0.05	0.86	4.37	-0.50	0.33	2.43	-0.96	0.67	3.37	-1.06	0.49	2.27	-0.67	0.78	
HBYR9P	19.58	0.45	0.54	4.80	0.86	0.83	2.85	1.61	1.36	3.70	0.29	1.44	2.44	0.49	1.52	
HUFT9J	18.37	-0.31	2.09	4.57	0.13	0.86	2.40	-1.17	0.00	3.43	-0.79	0.49	2.37	0.00	1.56	
HVQVVH	20.50	1.03	0.18	4.78	0.82	0.35	2.35	-1.46	0.90	3.77	0.55	0.02	2.34	-0.18	0.17	
KZQV3Q	19.99	0.71	0.26	4.31	-0.68	0.06	2.64	0.30	0.31	3.39	-0.98	0.05	2.29	-0.54	0.28	
L4NLZP	19.53	0.42	0.64	4.46	-0.22	0.25	2.77	1.09	0.41	3.63	0.00	0.20	2.44	0.46	0.45	
L8NXVN	18.30	-0.35	0.21	4.30	-0.72	0.00	2.57	-0.15	0.67	3.40	-0.93	0.00	2.30	-0.45	0.00	
LGX8DF	18.01	-0.53	0.41	4.29	-0.75	0.30	2.59	0.00	0.40	3.36	-1.09	0.23	2.23	-0.94	0.34	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MLDJEL	19.69	0.52	1.50	5.67	3.64X	0.11	2.56	-0.17	0.58	3.85	0.88	0.09	2.36	-0.02	0.21	
MNRZYE	5.57	-8.35X	0.07	2.91	-5.14X	0.07	2.59	0.00	0.86	1.22	-9.67X	0.33	0.81	-10.48X	0.61	
ND4E4G	20.00	0.72	0.21	5.38	2.73	0.25	2.35	-1.45	0.29	3.63	-0.02	0.05	2.34	-0.20	0.34	
NXBQYC	17.62	-0.78	1.58	4.53	0.01	2.42	2.57	-0.15	0.87	3.71	0.30	2.43	2.43	0.39	2.17	
PDY9KL	19.53	0.42	0.03	4.57	0.15	0.36	2.61	0.10	1.22	3.64	0.03	1.20	2.45	0.58	2.12	
PGYJGL	19.13	0.17	0.29	4.51	-0.05	0.20	2.81	1.37	0.24	3.56	-0.29	0.51	2.32	-0.29	2.76	
PR3FGH	18.68	-0.12	0.21	4.51	-0.04	0.03	2.56	-0.19	0.76	3.50	-0.53	0.09	2.30	-0.45	0.13	
PRHZ2F	16.69	-1.36	0.14	4.38	-0.47	0.33	2.30	-1.76	0.14	3.31	-1.28	0.17	2.20	-1.15	0.29	
PRZ3XF	18.79	-0.05	0.36	4.34	-0.57	0.11	2.48	-0.69	0.89	3.48	-0.62	0.16	2.28	-0.60	0.52	
QAYCGC	17.58	-0.80	0.03	4.41	-0.37	0.73	2.49	-0.64	1.68	3.42	-0.86	0.47	2.43	0.45	1.02	
QRELHD	17.62	-0.78	0.34	4.44	-0.26	0.42	2.67	0.51	0.71	3.58	-0.22	1.00	2.39	0.16	0.13	
RFGAGJ	12.29	-4.13X	0.21	6.98	7.82X	0.55	1.57	-6.23X	0.35	2.51	-4.50X	2.45	1.04	-8.88X	0.42	
RFY6YK	20.50	1.03	0.64	4.88	1.14	0.28	2.71	0.75	1.05	3.90	1.08	0.66	2.63	1.75	0.10	
RZTUJE	19.30	0.28	0.56	5.03	1.62	1.63	2.67	0.47	0.67	3.80	0.68	0.00	2.40	0.22	0.00	
TPPYZA	15.13	-2.34		4.76	0.75		2.57	-0.15		4.09	1.83		2.34	-0.18		
UC77JD	17.80	-0.67	0.04	4.42	-0.33	0.06	2.29	-1.86	0.18	3.48	-0.62	0.22	2.23	-0.92	0.13	
VHAXB8	24.43	3.50X	0.61	4.50	-0.08	0.98	2.77	1.08	0.67	3.63	0.01	0.99	2.30	-0.45	0.00	
W7WLF6	17.50	-0.86	1.03	4.96	1.37	2.33	2.54	-0.31	1.03	3.76	0.52	1.33	2.61	1.66	0.51	
WHBJK9	20.97	1.32	1.50	4.12	-1.29	3.29	2.52	-0.45	0.87	3.06	-2.28	3.86	2.12	-1.68	2.22	
YLH377	17.60	-0.79	0.76	4.59	0.21	0.71	2.63	0.24	0.81	3.65	0.08	1.24	2.48	0.76	0.54	
Z6UVYZ	20.31	0.91	2.39	5.95	4.52X	3.69	2.55	-0.25	2.92	3.70	0.29	1.06	2.26	-0.69	0.43	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2406	SRS2407	SRS2408	SRS2409	SRS2410	
Grand Median	18.9	4.53	2.59	3.63	2.37	
Median Abs Dev	0.8	0.16	0.10	0.15	0.08	
Avg Within Lab SD	0.5	0.18	0.09	0.12	0.07	
Labs Included	44	43	46	45	45	
Labs Reporting	47	47	47	47	47	



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
79B96V	16.72		0.00	4.12		0.01	2.29		0.05	2.92		1.63	2.16		0.06	
K9ZAZL	20.53		1.64	5.23		1.72	2.73		1.01	3.77		0.57	2.47		1.57	
ZY73X9	18.60		0.56	4.04		0.24	2.57		1.40	3.31		0.17	2.25		0.72	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	18.6			4.12			2.57			3.31			2.25			
Median Abs Dev																
Avg Within Lab SD	0.8			0.45			0.11			0.36			0.10			
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
733YM2	0.59		1.42	4.45	0.00	0.66	0.33		1.39	0.18		1.59	0.31		1.73
8F8HX2				4.97	0.70	1.16									
CWUNXU	1.65		0.84	4.73	0.37	1.95				0.73		0.89			
K9ZAZL	1.56		1.11	4.87	0.56	0.88				0.54		0.74	0.42		0.00
MNRZYE	0.10		0.18	4.07	-0.52	0.36	0.11		0.27	0.25		0.36	0.22		0.14
QDHBTL				4.40	-0.07	0.72									
ZG2VH8				2.59	-2.50	0.06									

CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median		1.07			4.45			0.22			0.40				0.31
Median Abs Dev					0.39										
Avg Within Lab SD		0.03			0.14			0.04			0.03				0.04
Labs Included		4			7			2			4				3
Labs Reporting		4			7			2			4				3



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CaCO3 Content effervescent (SubTestCode 1852)															Data units: %		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2C94Z3	1.46		1.36	5.08		0.89				0.19		1.41	0.22		0.26		
EZ9RAH				7.04		0.00											
QDXTU7				4.45		0.00											
VHWEB8	0.17		0.40	4.67		1.79	0.23		1.00	0.20		0.00	0.40		1.39		
CaCO3 Content effervescent (SubTestCode 1852)															Data units: %		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410				
Grand Median	0.82			4.87			0.23			0.20			0.31				
Median Abs Dev																	
Avg Within Lab SD	0.15			0.14			0.06			0.03			0.07				
Labs Included	2			4			1			2			2				
Labs Reporting	2			4			1			2			2				



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2C94Z3	73.7	1.00	0.16	39.6	0.88	0.98	9.9	3.90X	0.59	23.3	2.18	0.96	10.6	2.14	0.87		
6QCQP9	55.7	0.01	0.08	27.2	-0.49	0.15	5.6	-0.46	0.12	14.2	-0.89	0.00	6.4	-0.39	0.34		
8F8HX2	44.6	-0.60	2.28	31.2	-0.05	1.91	5.4	-0.73	2.88	18.2	0.45	2.02	6.2	-0.47	1.88		
ERFJNR	37.5	-0.99	0.52	30.0	-0.18	1.61	7.3	1.21	0.14	18.5	0.57	0.25	7.8	0.48	1.25		
K9ZAZL	61.0	0.30	0.97	32.1	0.05	0.69	7.3	1.23	0.63	16.9	0.02	0.74	7.6	0.38	0.52		
MAAYEH	30.9	-1.36	0.76	51.2	2.15	0.19	6.0	-0.06	0.23	16.8	-0.02	0.68	10.6	2.19	0.39		
QDXTU7	55.4	-0.01	0.37	39.8	0.89	0.92	6.7	0.59	0.31	18.6	0.58	0.26	7.0	0.01	0.19		
QJFDMK	73.3	0.98	0.06	34.4	0.31	0.20	6.8	0.75	0.06	16.1	-0.24	0.12	6.6	-0.27	0.54		
U2TV8G	58.0	0.13	1.43	27.9	-0.41	0.67	6.1	0.00	0.27	15.7	-0.38	0.74	7.0	-0.01	0.60		
Y4HQX7	30.9	-1.36	0.90	19.5	-1.33	0.97	5.1	-1.03	0.20	12.7	-1.41	1.82	6.3	-0.41	1.71		

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410				
Grand Median	55.5			31.6			6.09			16.9			7.02				
Median Abs Dev	14.3			4.1			0.70			1.5			0.66				
Avg Within Lab SD	2.2			1.1			0.50			0.8			0.30				
Labs Included	10			10			9			10			10				
Labs Reporting	10			10			10			10			10				



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	28.4	-0.54	0.69	34.4	0.00	1.69	9.2	0.53	0.81	14.8	-0.01	2.94	9.8	0.88	0.85
6QCQP9	54.5	1.81	0.34	38.9	0.49	1.26	3.2	-1.24	0.01	16.3	0.62	0.72	6.9	-1.23	0.09
8F8HX2	44.9	0.95	2.53	41.1	0.72	1.47	7.4	0.00	0.53	17.5	1.11	0.44	8.6	0.00	3.09
96268P	42.8	0.76	1.93	33.9	-0.06	2.14	4.1	-0.97	0.20	18.1	1.34	0.31	8.6	-0.02	0.47
BDNWF2	38.4	0.36	0.08	34.4	0.00	0.25	3.5	-1.17	0.04	15.7	0.35	0.38	7.7	-0.66	0.06
EBVTPR	27.0	-0.67	0.19	34.8	0.04	0.21	6.0	-0.43	0.30	12.6	-0.90	0.29	9.4	0.58	0.42
KZQV3Q	34.4	0.00	0.25	57.5	2.51	0.50	10.2	0.81	0.73	14.8	0.00	0.99	9.2	0.43	1.19
LGX8DF	26.7	-0.69	0.37	30.6	-0.42	0.27	8.7	0.36	1.43	12.2	-1.04	0.09	8.6	0.00	0.22
ND4E4G	27.8	-0.59	0.11	45.1	1.16	1.21	6.5	-0.28	0.12	14.6	-0.07	0.61	11.5	2.08	0.22
PYJAFK	26.5	-0.72	0.23	57.3	2.50	0.38	9.9	0.74	0.89	13.8	-0.42	0.23	7.3	-0.91	0.34
QRELHD	39.1	0.42	0.41	32.5	-0.21	0.16	3.2	-1.26	0.12	16.8	0.82	0.80	7.2	-0.98	0.13
U2TV8G	35.8	0.12	0.70	24.5	-1.08	0.72	9.1	0.48	0.74	12.2	-1.07	0.44	7.3	-0.94	0.19
UQAG4E	50.6	1.46	0.11	38.7	0.47	0.06	6.2	-0.36	0.21	16.6	0.75	0.09	7.5	-0.76	0.13
YLH377	27.7	-0.60	0.86	32.9	-0.16	1.05	11.0	1.05	0.43	13.0	-0.73	1.39	9.1	0.36	1.12
ZY73X9	29.8	-0.42	1.61	31.8	-0.29	0.39	8.9	0.42	3.12	17.0	0.90	1.06	9.0	0.29	1.16

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	34.4			34.4			7.43			14.8			8.60		
Median Abs Dev	6.7			3.9			1.80			1.8			0.92		
Avg Within Lab SD	1.3			0.9			0.47			0.7			0.45		
Labs Included	15			15			15			15			15		
Labs Reporting	15			15			15			15			15		



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8J397X	0.74	0.04	0.20	1.39	0.56	0.26	1.53	0.03	0.00	1.12	-0.46	0.00	1.50	0.19	0.36	
96268P	0.69	-0.27	0.02	1.35	0.14	1.75	1.59	0.54	1.24	1.30	0.69	1.06	1.48	0.00	1.11	
KUJEKP	0.55	-1.15	1.34	1.25	-0.91	1.39	1.43	-0.86	0.58	1.01	-1.16	1.68	1.33	-1.45	1.31	
LMZLTP	0.82	0.60	0.13	1.41	0.72	0.46	1.55	0.18	1.47	1.27	0.46	0.32	1.48	0.00	0.36	
MAAYEH	1.09	2.31	1.92	1.21	-1.28	0.91	1.22	-2.70	0.89	1.22	0.17	1.68	1.56	0.77	0.36	
ND3HTL	17.87	111.23X		3.78	24.42X		3.30	15.80X		3.16	12.44X		2.20	6.93X		
QDXTU7	0.86	0.84	0.00	1.46	1.22	0.00	1.56	0.30	0.00	1.39	1.24	0.00	1.57	0.84	0.00	
TPPYZA	0.72	-0.04		1.30	-0.42		1.44	-0.75		1.03	-1.05		1.35	-1.26		
UQAG4E	0.71	-0.16	1.20	1.32	-0.14	0.95	1.52	-0.03	1.47	1.17	-0.17	0.37	1.39	-0.87	1.92	
Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	0.73			1.34			1.53			1.19			1.48			
Median Abs Dev	0.07			0.06			0.05			0.09			0.08			
Avg Within Lab SD	0.02			0.02			0.02			0.02			0.02			
Labs Included	8			8			8			8			8			
Labs Reporting	9			9			9			9			9			



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2C94Z3	33.9	0.08	0.82	19.6	0.15	0.72	91.4	0.78	0.64	17.7	-0.15	0.47	76.1	0.00	0.85
3269HX	48.7	1.62	0.69	30.0	1.89	1.88	88.7	0.01	1.42	26.7	1.17	1.88	82.0	1.04	1.80
32JLV9	16.3	-1.77	1.27	12.5	-1.03	0.00	87.3	-0.38	0.00	17.9	-0.12	0.70	74.6	-0.25	0.00
62EWVU	35.4	0.24	0.00	21.6	0.48	0.00	90.7	0.59	0.00	25.6	1.01	0.00	81.8	1.01	0.00
6JDA6V	38.9	0.60	2.64	25.9	1.21	1.02	91.6	0.83	0.87	31.9	1.94	1.43	77.6	0.27	1.53
6QCQP9	50.2	1.78	0.00	26.0	1.23	0.00	90.2	0.44	0.00	20.2	0.22	2.27	82.7	1.17	0.00
8F8HX2	34.5	0.14	0.53	18.7	0.00	1.44	88.0	-0.18	2.21	20.7	0.29	0.72	77.3	0.22	0.43
8PEAC3	12.9	-2.13	0.15	9.7	-1.50	0.81	89.2	0.15	0.45	8.5	-1.51	0.88	76.8	0.14	0.31
96268P	32.1	-0.11	0.12	18.1	-0.09	0.12	88.1	-0.15	0.93	17.4	-0.19	0.24	73.1	-0.52	0.12
9NWBZQ	14.4	-1.97	1.95	9.9	-1.47	3.12	74.8	-3.93X	4.42	12.4	-0.93	2.80	65.5	-1.85	2.26
BDNWF2	24.8	-0.88	0.00	13.5	-0.87	0.00	89.0	0.10	1.62	14.6	-0.62	0.00	76.3	0.05	1.09
DRZ6EW	33.3	0.01	0.54	19.2	0.08	0.45	92.5	1.10		19.2	0.06	0.34	79.6	0.62	0.53
EBVTPR	32.9	-0.03	0.00	18.9	0.04	0.00	89.0	0.10		13.1	-0.83	0.00	73.3	-0.48	0.00
F3NREN	31.6	-0.17	0.54	17.6	-0.18	0.12	88.4	-0.08	0.17	18.6	-0.02	0.35	74.6	-0.25	0.37
KLAVDC	31.8	-0.15	0.00	17.8	-0.14	0.00	87.8	-0.24	0.00	14.5	-0.63	0.54	76.1	0.01	0.43
KUJEKP	33.4	0.02	1.46	9.2	-1.58	0.29	90.9	0.65	0.38	7.9	-1.60	0.06	76.1	0.00	0.78
L2WMLQ	37.3	0.43		25.0	1.06		91.0	0.67		25.0	0.92		80.0	0.69	
L8NXVN	4.7	-2.98X	1.12	17.4	-0.21	2.63	83.0	-1.60	2.87	77.8	8.71X	0.62	18.0	-10.16X	
LGX8DF	31.0	-0.23		17.0	-0.28		87.0	-0.46		21.0	0.33		77.0	0.17	
MBGDLN	14.7	-1.94	0.00	9.0	-1.62	0.00	87.2	-0.40	0.00	12.0	-1.00	0.00	69.5	-1.14	0.00
NXBQYC	41.2	0.83	3.01	24.5	0.97	2.25	88.5	-0.04	1.91	21.2	0.36	1.65	71.8	-0.74	2.80
PDY9KL	35.3	0.22	0.86	22.0	0.56	0.01	90.0	0.39	0.00	26.0	1.07	2.48	78.0	0.34	1.48
PR3FGH	18.4	-1.54	0.67	12.0	-1.11	0.04	88.6	-0.01	0.19	10.9	-1.15	0.40	73.4	-0.46	0.00
PYJAFK	42.9	1.02	0.27	24.5	0.98	0.53	90.9	0.64	0.72	24.7	0.88	0.20	71.8	-0.75	0.63
QDHBTL	26.7	-0.68	0.52	21.3	0.44	0.00	88.8	0.05	0.00	18.9	0.02	0.00	78.8	0.48	0.00
QDXTU7	37.5	0.45	0.37	18.0	-0.11		90.3	0.48	0.32	20.5	0.26	0.23	75.0	-0.18	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QJFDMK	33.2	0.00	0.00	19.2	0.09	0.00	87.2	-0.41	0.00	17.2	-0.23	0.00	71.2	-0.85	0.00
QRELHD	35.2	0.21	0.60	17.6	-0.17	0.42	87.9	-0.20	0.52	15.9	-0.41	0.22	67.7	-1.47	0.30
RCLDZ6	30.0	-0.33		20.0	0.22		87.5	-0.32		23.3	0.68	0.68	78.3	0.40	1.07
RZTUJE	22.9	-1.08	0.52	10.5	-1.37	0.48	82.1	-1.86	0.80	11.6	-1.05	0.91	71.3	-0.84	1.58
TPPYZA	66.2	3.45X		64.4	7.64X		69.8	-5.35X		82.4	9.40X		69.7	-1.11	
U2TV8G	33.2	0.00	1.39	11.1	-1.26	0.15	88.1	-0.15	0.42	13.1	-0.83	0.63	79.7	0.64	0.42
UC77JD	23.0	-1.07		22.0	0.56		80.0	-2.45		20.0	0.19		70.0	-1.06	
UV3LXH	28.3	-0.51	1.14	14.3	-0.72	0.95	80.3	-2.36	1.69	12.3	-0.94	0.72	70.3	-1.00	1.13
W7WLF6	31.2	-0.21	0.00	18.6	-0.01	0.00	81.2	-2.12	0.00	17.0	-0.25	0.00	67.2	-1.55	0.00
WHBJK9	38.7	0.57	0.86	22.7	0.67	0.72	96.0	2.09		22.7	0.58	0.54	82.0	1.04	1.48
YLH377	40.3	0.74	0.26	20.3	0.26	0.22	93.8	1.45	0.39	22.3	0.52	0.17	71.8	-0.75	0.26
ZG2VH8	38.3	0.54	0.27	20.6	0.33	0.13	89.8	0.32	0.64	27.6	1.31	0.42	84.0	1.39	0.18

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups						Data units: Percent				
	SRS2406		SRS2407		SRS2408		SRS2409		SRS2410	
Grand Median	33.2		18.7		88.6		18.7		76.1	
Median Abs Dev	4.6		3.3		1.4		4.2		3.7	
Avg Within Lab SD	1.3		1.6		0.9		2.1		1.4	
Labs Included	36		37		36		36		37	
Labs Reporting	38		38		38		38		38	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2C94Z3	34.2	-0.03	1.01	37.8	0.38	0.25	4.9	-0.73	0.88	61.9	0.71	0.46	19.9	0.27	0.00		
3269HX	34.8	0.03	0.39	28.8	-0.73	2.10	5.8	-0.27	1.74	54.8	-0.28	1.76	11.5	-1.36	1.34		
32JLV9	48.3	1.34	0.95	41.0	0.79	0.00	7.6	0.69	0.00	58.8	0.27	0.69	20.3	0.34	0.00		
62EWVU	12.2	-2.17	0.00	28.0	-0.83	0.00	0.5	-3.06X	0.00	46.1	-1.50	0.00	7.8	-2.06	0.00		
6JDA6V	37.6	0.30	1.17	27.5	-0.89	0.57	6.7	0.20	0.17	49.5	-1.03	0.90	20.4	0.36	1.28		
6QCQP9	21.6	-1.25	0.00	34.7	0.00	0.00	3.3	-1.59	1.25	55.6	-0.17	2.21	9.9	-1.67	0.00		
8F8HX2	32.5	-0.19	1.97	34.7	0.00	0.90	6.7	0.18	1.84	55.3	-0.21	0.95	17.0	-0.29	0.83		
8PEAC3	50.1	1.52	0.09	50.4	1.95	2.91	7.5	0.60	0.26	70.8	1.96	0.78	17.9	-0.13	0.19		
96268P	24.8	-0.94	0.58	28.5	-0.77	0.22	3.8	-1.30	1.56	53.2	-0.51	0.48	18.5	0.00	0.42		
9NWBZQ	2.5	-3.12X	0.28	29.7	-0.61	1.90	5.5	-0.44	2.04	45.7	-1.55	3.25	21.5	0.57	0.96		
BDNWF2	40.5	0.58	0.00	43.3	1.07	0.00	5.9	-0.20	1.30	63.0	0.87	0.68	17.8	-0.15			
DRZ6EW	35.8	0.13	0.80	37.9	0.40	0.31	6.3	-0.03		61.3	0.62	0.57	18.3	-0.04	0.60		
EBVTPR	27.6	-0.67	0.00	31.6	-0.38	0.00	5.5	-0.42	0.00	61.4	0.65	0.00	23.2	0.91	0.00		
F3NREN	23.5	-1.07	1.58	28.2	-0.80	0.39	5.3	-0.55	0.93	51.9	-0.69	1.07	17.9	-0.11	0.54		
KLAVDC	31.7	-0.28	0.64	31.0	-0.45		7.0	0.36		60.0	0.45	0.46	16.7	-0.36	0.48		
KUJEKP	38.7	0.41	0.57	37.5	0.36	2.25	5.0	-0.67	0.20	64.2	1.04	0.48	17.4	-0.22	1.31		
L2WMLQ	26.0	-0.83		27.0	-0.95		7.3	0.49		49.5	-1.02		17.5	-0.20			
L8NXVN	50.3	1.54	3.01	37.3	0.33	1.25	8.6	1.18	1.12	13.8	-6.01X	1.07	58.6	7.73X	0.00		
LGX8DF	34.0	-0.05		40.0	0.66		10.0	1.93		56.0	-0.11		20.0	0.29			
MBGDLN	45.5	1.07	0.00	45.5	1.34		7.6	0.70	0.00	64.7	1.11	0.00	22.9	0.84	0.00		
NXBQYC	19.0	-1.51	1.55	27.0	-0.95	1.20	5.7	-0.34	1.28	51.7	-0.72	0.66	21.0	0.48	3.97		
PDY9KL	32.3	-0.22	1.20	38.7	0.50	0.50	6.1	-0.11	1.70	53.8	-0.42	1.97	11.0	-1.45	0.83		
PR3FGH	37.6	0.30	0.81	42.4	0.96	0.34	6.7	0.20	0.70	64.3	1.05	0.33	20.3	0.34	0.00		
PYJAFK	27.8	-0.65	0.40	27.7	-0.86	0.24	5.5	-0.43	0.09	53.2	-0.51	0.39	23.3	0.93	0.99		
QDHBTL	25.8	-0.85	0.39	28.8	-0.73	0.00	6.2	-0.06	0.00	56.1	-0.10	0.00	16.2	-0.45	0.00		
QDXTU7	39.5	0.49	0.28	39.0	0.54	0.43	7.0	0.36	0.44	56.5	-0.04	0.23	22.5	0.77	0.42		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QJFDMK	34.0	-0.05		30.0	-0.58		8.0	0.88		58.0	0.17		24.0	1.06	
QRELHD	36.2	0.17	0.50	34.5	-0.02	0.30	3.6	-1.42	0.79	59.2	0.34	0.56	24.5	1.15	1.12
RCLDZ6	30.0	-0.44		35.0	0.04		7.5	0.62		54.2	-0.37	0.66	13.3	-1.00	1.20
RZTUJE	38.8	0.41	0.70	42.1	0.92	0.29	11.2	2.58	1.10	69.2	1.73	0.31	22.9	0.85	0.61
TPPYZA	1.0	-3.26X		1.0	-4.18X		29.2	11.99X		1.0	-7.81X		27.3	1.70	
U2TV8G	47.0	1.22	0.95	50.6	1.98	0.19	7.1	0.43	0.25	67.8	1.53	0.69	16.0	-0.48	0.47
UC77JD	36.0	0.15		32.0	-0.33		14.0	4.03X		54.0	-0.39		22.0	0.67	
UV3LXH	36.0	0.15		34.0	-0.08		8.0	0.88		60.0	0.45		20.0	0.29	
W7WLF6	12.7	-2.12	0.00	29.0	-0.70		8.4	1.11	0.00	48.6	-1.15	0.00	16.4	-0.42	0.00
WHBJK9	32.0	-0.24	1.12	32.0	-0.33		4.0	-1.21		57.3	0.07	0.53	17.3	-0.23	0.96
YLH377	38.0	0.34	1.18	42.0	0.91	0.31	5.5	-0.43	0.62	60.0	0.45	0.32	25.5	1.35	0.59
ZG2VH8	40.7	0.60	0.46	41.3	0.82	0.23	6.3	0.00	0.46	57.1	0.04	0.67	12.3	-1.20	0.07

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	34.5			34.7			6.31			56.8			18.5		
Median Abs Dev	4.8			5.7			0.94			3.6			2.5		
Avg Within Lab SD	1.8			2.3			1.13			2.2			1.2		
Labs Included	36			37			35			36			37		
Labs Reporting	38			38			38			38			38		



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2C94Z3	31.9	-0.31	0.50	42.7	-0.55	0.38	3.7	-0.48	0.66	20.4	-0.69	0.00	4.0	-0.53	1.22	
3269HX	16.5	-1.80	0.16	41.2	-0.78	2.15	5.5	0.18	2.12	18.5	-1.11	0.23	6.5	0.28	2.13	
32JLV9	35.5	0.05	0.00	46.5	0.04	0.00	5.1	0.02	0.00	23.3	0.00	0.00	5.1	-0.19	0.00	
62EWVU	52.4	1.70	0.00	50.5	0.66	0.00	8.8	1.34	0.00	28.4	1.17	0.00	10.4	1.52	0.00	
6JDA6V	23.5	-1.13	1.37	46.6	0.05	0.37	1.7	-1.18	0.73	18.6	-1.09	1.14	2.0	-1.20	0.65	
6QCQP9	28.1	-0.67	0.00	39.3	-1.08	0.00	6.6	0.54	1.62	24.2	0.20	0.00	7.4	0.56	0.00	
8F8HX2	33.0	-0.20	2.01	46.7	0.07	0.38	5.3	0.10	1.74	24.0	0.16	1.75	5.7	0.00	1.22	
8PEAC3	37.0	0.20	0.14	34.0	-1.91	3.16	3.4	-0.60	0.13	20.7	-0.62	0.25	5.3	-0.12	0.21	
96268P	43.1	0.79	0.72	53.4	1.11	0.34	8.1	1.08	1.05	29.4	1.41	0.54	8.4	0.88	0.57	
9NWBZQ	83.1	4.70X	1.72	60.4	2.20	0.45	19.7	5.24X	5.27	41.9	4.31X	9.35	13.1	2.40X	3.23	
BDNWF2	34.7	-0.03	0.00	43.3	-0.46	0.00	5.1	0.01	0.00	22.4	-0.21	1.51	5.9	0.08	1.55	
DRZ6EW	30.8	-0.41	0.51	42.9	-0.52	0.47	1.3	-1.35		19.6	-0.87	0.73	2.1	-1.16	0.76	
EBVTPR	39.4	0.43	0.00	49.4	0.50	0.00	5.4	0.14	0.00	25.4	0.49	0.00	3.5	-0.71	0.00	
F3NREN	44.8	0.96	2.45	54.2	1.24	0.72	6.4	0.49	1.37	29.8	1.50	1.68	7.5	0.58	1.22	
KLAVDC	36.5	0.15	0.82	51.2	0.77	0.00	5.2	0.06	0.00	25.5	0.51	0.58	7.2	0.50	0.00	
KUJEKP	27.9	-0.69	0.68	53.3	1.09	3.48	4.0	-0.36	0.15	27.9	1.06	1.17	6.6	0.29	1.42	
L2WMLQ	36.8	0.17		48.0	0.27		1.8	-1.17		25.5	0.50		2.5	-1.03		
L8NXVN	45.0	0.98	2.82	45.2	-0.16	0.87	8.4	1.21	1.52	8.4	-3.47X	2.72	23.4	5.75X	0.00	
LGX8DF	35.0	0.00		43.0	-0.50		3.0	-0.73		23.0	-0.08		3.0	-0.86		
MBGDLN	39.8	0.47	0.00	45.5	-0.12		5.1	0.02	0.00	23.3	-0.01	0.00	7.6	0.63	0.00	
NXBQYC	39.8	0.47	1.25	48.5	0.35	0.57	5.8	0.28	0.33	27.2	0.89	2.50	7.2	0.49	1.10	
PDY9KL	32.4	-0.25	0.71	39.9	-0.98	0.00	3.9	-0.41	2.20	20.2	-0.72	1.02	11.0	1.73	1.06	
PR3FGH	43.9	0.87	0.53	45.6	-0.11	0.49	4.7	-0.12	0.79	24.6	0.30	0.06	6.3	0.21	0.00	
PYJAFK	29.3	-0.56	0.26	47.8	0.24	0.21	3.6	-0.51	0.82	22.2	-0.27	1.27	4.9	-0.25	0.48	
QDHBTL	47.5	1.22	0.04	49.9	0.57	0.00	5.0	-0.01		25.0	0.39		5.0	-0.22		
QDXTU7	23.0	-1.17	0.71	43.0	-0.50	0.66	2.7	-0.85	0.33	23.0	-0.08	1.01	2.5	-1.03	0.53	



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QJFDMK	32.8	-0.21	0.00	50.8	0.71	0.00	4.8	-0.09	0.00	24.8	0.34	0.00	4.8	-0.28	0.00	
QRELHD	28.6	-0.62	0.47	47.9	0.25	0.14	8.5	1.22	0.48	24.8	0.35	0.86	7.8	0.70	1.02	
RCLDZ6	40.0	0.49		45.0	-0.19		5.0	-0.01		22.5	-0.19		8.3	0.86	1.53	
RZTUJE	38.3	0.33	0.49	46.6	0.06	0.46	9.6	1.62	1.65	24.6	0.29	1.44	7.5	0.59	2.28	
TPPYZA	32.8	-0.21		34.6	-1.81		1.0	-1.44		16.6	-1.56		3.0	-0.86		
U2TV8G	19.8	-1.48	1.21	38.3	-1.24	0.17	4.8	-0.10	0.11	19.1	-0.98	0.26	4.3	-0.46	0.06	
UC77JD	41.0	0.59		46.0	-0.04		6.0	0.34		26.0	0.62		8.0	0.76		
UV3LXH	35.7	0.07	1.09	51.7	0.84	1.00	11.7	2.36	1.74	27.7	1.01	1.55	9.7	1.30	1.61	
W7WLF6	56.1	2.06	0.00	52.4	0.96	0.00	10.4	1.91	0.00	34.4	2.57X	0.00	16.4	3.49X	0.00	
WHBJK9	29.3	-0.55	0.82	45.3	-0.14	0.76				20.0	-0.77		2.0	-1.19		
YLH377	21.8	-1.29	1.76	37.8	-1.32	0.23	0.8	-1.53	0.40	17.8	-1.30	0.36	2.8	-0.95	0.37	
ZG2VH8	21.0	-1.37	0.36	38.1	-1.26	0.34	3.9	-0.40	0.17	15.3	-1.87	0.73	3.7	-0.63	0.20	

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	35.0			46.2			5.04			23.3			5.67			
Median Abs Dev	5.7			3.4			1.35			2.7			1.94			
Avg Within Lab SD	1.4			1.5			0.88			1.0			0.95			
Labs Included	37			38			36			35			35			
Labs Reporting	38			38			37			38			38			



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %			
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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			
ZG2VH8	46.3		1.00	38.4		1.00	9.8		1.00	29.6		1.00	9.4		1.00			

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %			
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	46.3			38.4			9.75			29.6			9.37					
Median Abs Dev	0.1			0.1			0.17			0.2			0.17					
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: %		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ZG2VH8	23.1		1.00	23.7		1.00	4.7		1.00	11.5		1.00	3.5		1.00

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups													Data units: %		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	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	23.1			23.7			4.68			11.5			3.48		
Median Abs Dev															
Avg Within Lab SD	0.2			0.3			0.11			0.4			0.13		
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32JLV9	15.42		0.47	8.58		0.82	1.73		0.49	3.59		0.08	1.43		0.90	
QJFDMK	15.76		0.42	8.66		0.77	1.85		0.44	3.66		0.16	1.54		0.90	
ZG2VH8	23.23		1.61	14.73		1.31	5.07		1.60	18.07		1.72	5.89		1.18	
Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410			
Grand Median	15.8			8.66			1.85			3.66			1.54			
Median Abs Dev																
Avg Within Lab SD	0.2			0.09			0.07			0.19			0.03			
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	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VRYD9	849.7	-0.23	2.13	566.7	-1.32	1.45	93.0	-7.70X	0.47	69.3	-13.03X	2.19	698.0	-2.35	0.53
9NWBZQ	854.8	-0.12	0.13	629.0	0.23	0.15	256.6	0.06	0.71	255.4	0.88	0.58	926.6	0.15	1.04
PR3FGH	916.8	1.16	0.05	646.0	0.65	0.27	255.3	0.00	0.21	258.3	1.09	0.44	899.4	-0.15	0.71
RFY6YK	756.7	-2.16	0.83	595.3	-0.61	0.68	225.7	-1.41	0.46	232.6	-0.83	0.52	938.3	0.28	0.44
W7WLF6	872.7	0.25	0.06	660.5	1.01	0.68	231.5	-1.13	0.60	236.0	-0.58	0.14	954.8	0.46	0.45
ZY73X9	866.7	0.12	0.87	610.7	-0.23	1.69	271.7	0.78	1.97	243.7	0.00	2.04	851.7	-0.67	1.93
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	860.7			619.8			255.3			243.7			913.0		
Median Abs Dev	11.5			25.3			16.4			11.1			33.5		
Avg Within Lab SD	45.5			21.7			24.2			8.3			27.7		
Labs Included	6			6			5			5			6		
Labs Reporting	6			6			6			6			6		



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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups													Data units: mg/kg		
WebCode	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7UQT2W	92.5		0.99	10.9		0.85	3.8		0.10	5.0		0.19	18.9		0.11
QDXTU7	94.0			10.0			2.0			5.0			19.0		
Y4HQX7	106.7		1.01	12.3		1.13	3.0		1.41	6.7		1.40	19.0		1.41
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2406			SRS2407			SRS2408			SRS2409			SRS2410		
Grand Median	94.0			10.9			3.00			5.00			19.0		
Median Abs Dev															
Avg Within Lab SD	1.1			0.5			0.71			1.09			1.4		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
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			
QDXTU7	11.00						58.33		0.09	3.00					15.00			
ZY73X9	7.28		1.00	0.27		1.00	63.20		1.41	3.62		1.00	10.73		1.00			
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2406				SRS2407				SRS2408				SRS2409				SRS2410		
Grand Median	9.14			0.27			60.8			3.31			12.9					
Median Abs Dev																		
Avg Within Lab SD	1.50			0.01			6.6			1.69			0.7					
Labs Included	2			1			2			2			2					
Labs Reporting	2			1			2			2			2					





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Dry Matter (%) (SubTestCode 201)												Data units: Percent			
WebCode	SRB2405			SRB2406			SRB2407			SRB2408					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4L6ZL3	4.3	-68.91	X	4.0	103.51	X	0.05	3.5	-76.10	X	0.03	2.4	104.55	X	0.11
4VRYD9	95.5	1.90	1.58	95.8	1.70	0.99	95.9	1.21	0.07	96.8	2.18	1.11			
9NGE9Q	94.4	1.05	0.00	95.2	0.98	0.41	95.0	0.45	0.00	95.7	0.92	0.03			
AXWDNU	92.8	-0.18	0.00	94.4	0.05	0.00	94.5	0.00	0.00	95.0	0.12				
HVQVVH	93.9	0.67	1.91	94.9	0.59	2.43	94.6	0.09	0.62	95.0	0.12	2.52			
J73FRK	92.0	-0.79		93.7	-0.74	0.00	93.7	-0.65	0.00	94.2	-0.79	0.00			
KZQV3Q	92.0	-0.82	0.24	93.3	-1.20	0.00	92.5	-1.68	0.08	93.8	-1.24	0.53			
MAAYEH	93.6	0.45		94.2	-0.21		94.8	0.28		94.9	0.05				
NXBQYC	93.8	0.63	2.55	94.7	0.37	2.37	95.5	0.82	3.51	94.9	0.00	2.08			
PR3FGH	93.0	0.00	0.24	94.3	0.00	0.14	94.1	-0.29	0.04	94.3	-0.69	0.12			
QDXTU7	94.3	0.99	0.00	95.4	1.23	0.00	95.1	0.54	0.00	95.4	0.59	0.00			
QJFDMK	92.8	-0.17	0.00	94.2	-0.17	0.00	94.0	-0.40		94.8	-0.11	0.00			
RCLDZ6	92.8	-0.19	0.18	94.2	-0.14	0.56	93.7	-0.62	0.24	94.3	-0.63	0.62			
RZTUJE	94.3	0.99	0.35	95.3	1.14	0.04	95.1	0.51	0.08	95.7	0.89	0.40			
VF4VGC	92.5	-0.43	0.24	94.0	-0.40		93.3	-0.96	0.08	94.4	-0.56	0.53			
YLH377	91.9	-0.87	0.00	93.3	-1.20	0.00	92.6	-1.61	0.46	93.8	-1.24	0.00			

Dry Matter (%) (SubTestCode 201)					Data units: Percent			
	SRB2405		SRB2406		SRB2407		SRB2408	
Grand Median	93.0		94.3		94.5		94.9	
Median Abs Dev	0.9		0.5		0.6		0.6	
Avg Within Lab SD	0.2		0.2		0.8		0.2	
Labs Included	15		15		15		15	
Labs Reporting	16		16		16		16	



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NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	2,356.7	0.21	0.26	17,533.3	-0.32	0.32	205.3	-0.49	0.39	187.0	0.08	0.31
4NDY9W	4.2	-6.48X	0.00	3.9	-9.40X	0.00	3.5	-1.38	0.00	2.3	-3.00X	0.00
6JDA6V	2,207.3	-0.22	0.30	18,377.3	0.12	0.03	1,496.0	5.19X	10.78	41.0	-2.35	0.12
7UQT2W	2,548.7	0.75	0.05	17,424.3	-0.38	0.34	748.0	1.90	0.23	698.0	8.58X	0.20
8F8HX2	2,163.0	-0.34	2.16	17,828.0	-0.17	0.46	369.0	0.23	0.38	182.3	0.00	0.27
9NGE9Q	2,062.0	-0.63	1.34	17,336.7	-0.42	0.15	308.7	-0.04	0.14	164.3	-0.30	0.15
A2KXJQ	2,426.3	0.40	0.42	16,920.0	-0.64	0.37	126.7	-0.84	1.81	73.0	-1.82	0.56
ERFJNR	2,703.3	1.19	2.74	21,253.3	1.61	0.15	370.7	0.24	0.04	197.3	0.25	0.10
KWRD7J	2,028.7	-0.73	0.39	17,903.3	-0.13	0.30	248.0	-0.30	0.51	167.0	-0.26	0.23
MNRZYE	1,860.0	-1.20	1.18	22,986.7	2.50	3.89	186.3	-0.58	0.35	95.0	-1.45	0.37
NXBQYC	2,835.7	1.57	0.22	21,283.3	1.62	0.85	343.7	0.12	2.05	187.7	0.09	0.18
PDY9KL	2,235.0	-0.14	0.41	18,494.5	0.18	0.42	368.0	0.22	0.20	207.5	0.42	0.35
PRZ3XF	2,358.7	0.21	0.31	18,887.9	0.38	0.44	229.7	-0.38	1.52	176.0	-0.11	0.30
QDHBTL	2,346.7	0.18	0.12	20,133.3	1.03	0.11	302.0	-0.07	0.03	159.3	-0.38	0.05
QDXTU7	2,333.0	0.14	0.00	19,176.4	0.53	0.10	631.0	1.38	0.10	286.3	1.73	0.00
RCLDZ6	2,227.8	-0.16	0.10	16,217.0	-1.00	1.40	812.3	2.18	0.09	247.4	1.08	0.08
RFGAGJ	1,292.5	-2.82	1.03	16,989.7	-0.60	0.58	325.4	0.04	1.83	181.4	-0.02	1.33
RZTUJE	2,127.5	-0.44	0.07	18,920.5	0.40	0.79	203.1	-0.50	0.14	190.7	0.14	0.10
WHBJK9	2,635.9	1.00	1.51	17,923.5	-0.12	0.26	542.4	0.99	1.96	238.1	0.93	3.99
Z6UVYZ	2,378.7	0.27	0.49	19,140.4	0.51	0.11	56.7	-1.15	0.03	104.9	-1.29	0.44
ZY73X9	1,971.3	-0.89	0.51	16,528.7	-0.84	0.26	425.3	0.48	1.48	190.0	0.13	0.36



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NO3 - N Cd Rd. (SubTestCode 202)					Data units: mg/kg
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	2,284.0	18,150.4	317.0	182.3	
Median Abs Dev	149.4	901.9	110.0	18.0	
Avg Within Lab SD	97.7	1,086.0	51.4	30.6	
Labs Included	20	20	20	19	
Labs Reporting	21	21	21	21	



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NO3 - N ISE (SubTestCode 203)										Data units: mg/kg
WebCode	SRB2405			SRB2406			SRB2407			SRB2408
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
HBYR9P	2,624.8		1.86	18,744.0		1.93	198.6		1.71	51.5 0.96
HVQVVH	2,528.9		0.23	19,872.1		0.17	778.8		0.46	386.0 0.31
QDXTU7	2,333.0		0.00	19,176.4		0.14	631.0		0.21	286.3 0.00
QRELHD	2,730.0		0.69	17,733.3		0.50	1,063.3		0.91	386.7 1.73
NO3 - N ISE (SubTestCode 203)										Data units: mg/kg
	SRB2405			SRB2406			SRB2407			SRB2408
Grand Median	2,576.8			18,960.2			704.9			336.1
Median Abs Dev										
Avg Within Lab SD	76.9			814.3			25.5			3.3
Labs Included	4			4			4			4
Labs Reporting	4			4			4			4



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NO3 - N Oth. (SubTestCode 204)											Data units: mg/kg
WebCode	SRB2405			SRB2406			SRB2407			SRB2408	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
J73FRK	1,767.0	-0.74	1.96	16,386.3		0.67	255.0	-0.47	0.21	198.3	0.97
JU4VZR	11.5	-2.29	0.00				12.3	-1.15	0.02		
MAAYEH	2,720.7	0.11	0.71	21,236.0		1.88	421.7	0.00	1.58	237.7	1.02
PR3FGH	2,600.0	0.00	0.54	19,408.3		0.14	988.3	1.59	1.15	926.7	1.19
VF4VGC	2,864.7	0.23	0.59	20,059.3		0.06	477.3	0.16	1.08	270.3	0.77
NO3 - N Oth. (SubTestCode 204)											Data units: mg/kg
	SRB2405			SRB2406			SRB2407			SRB2408	
Grand Median	2,600.0			19,733.8			421.7			254.0	
Median Abs Dev	264.7						166.7				
Avg Within Lab SD	80.0			458.7			12.6			12.1	
Labs Included	5			4			5			4	
Labs Reporting	5			4			5			4	



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NH4-N (SubTestCode 205)										Data units: mg/kg
WebCode	SRB2405			SRB2406			SRB2407			SRB2408
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KZQV3Q	534.9		0.26	157.2		0.28	365.1		0.19	91.3 0.25
PRZ3XF	533.5		1.68	164.2		1.71	415.5		1.70	77.1 1.67
VF4VGC	1,002.3		0.34	366.0		0.11	744.3		0.24	297.0 0.39
NH4-N (SubTestCode 205)										Data units: mg/kg
	SRB2405			SRB2406			SRB2407			SRB2408
Grand Median	534.9			164.2			415.5			91.3
Median Abs Dev										
Avg Within Lab SD	39.3			15.9			27.9			6.8
Labs Included	3			3			3			3
Labs Reporting	3			3			3			3



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PO4 - P (SubTestCode 206)													Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3269HX	2,296.7	0.45	0.63	1,923.3	-0.43	0.69	1,216.7	-1.09	0.31	936.0	0.45	0.98		
4VRYD9	2,223.1	-0.16	0.05	2,308.8	1.05	0.35	2,046.4	0.54	0.17	855.0	-0.67	0.24		
6JDA6V	2,289.0	0.38	0.64	2,060.0	0.09	0.76	2,141.7	0.73	0.57	941.7	0.53	0.74		
8F8HX2	2,235.7	-0.06	0.13	2,011.3	-0.09	0.53	1,937.7	0.33	0.28	940.0	0.51	0.27		
A2KXJQ	2,356.7	0.95	0.40	2,083.7	0.19	0.10	911.7	-1.70	0.80	924.7	0.29	0.11		
KWRD7J	2,147.0	-0.80	0.65	1,926.3	-0.42	0.50	1,088.0	-1.35	2.53	806.7	-1.33	1.87		
QDHBTL	2,142.7	-0.83	0.98	1,806.7	-0.88	0.67	1,796.7	0.05	0.59	813.3	-1.24	0.66		
QDXTU7	2,242.8	0.00	1.74	2,264.8	0.88	0.03	1,744.4	-0.05	0.51	843.1	-0.83	0.43		
QRELHD	2,386.7	1.20	0.86	1,900.0	-0.52	1.37	1,733.3	-0.07	0.06	903.3	0.00	1.18		
RFGAGJ	2,884.8	5.34X	0.90	2,632.4	2.30	2.33	2,513.3	1.47	1.38	1,294.3	5.39X	2.28		
WHBJK9	2,299.5	0.47	2.15	2,088.2	0.20	1.11	2,038.3	0.53	0.99	963.4	0.83	1.57		
ZY73X9	1,988.0	-2.12	0.51	1,773.3	-1.01	1.14	1,682.0	-0.17	0.97	849.3	-0.74	1.17		

PO4 - P (SubTestCode 206)													Data units: mg/kg	
	SRB2405			SRB2406			SRB2407			SRB2408				
Grand Median	2,242.8			2,035.7			1,770.5			903.3				
Median Abs Dev	56.7			124.0			271.8			48.4				
Avg Within Lab SD	64.2			73.1			92.8			38.1				
Labs Included	11			12			12			11				
Labs Reporting	12			12			12			12				



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
8F8HX2	5,344.3		1.21	1,187.3		1.67	1,736.7		1.66	881.0	1.67
HVQVVH	5,603.1		0.86	1,366.6		0.45	1,905.2		0.23	799.7	0.20
QDXTU7	4,823.6		0.89	950.5		0.08	1,322.4		0.43	484.3	0.42
SO4 - S (SubTestCode 207)										Data units: mg/kg	
	SRB2405			SRB2406			SRB2407			SRB2408	
Grand Median	5,344.3			1,187.3			1,736.7			799.7	
Median Abs Dev											
Avg Within Lab SD	294.7			56.7			88.2			45.4	
Labs Included	3			3			3			3	
Labs Reporting	3			3			3			3	



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CI (SubTestCode 208)												Data units: Percent		
WebCode	SRB2405			SRB2406			SRB2407			SRB2408				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3269HX	1.03	0.12	1.67	2.77	1.24	2.68	0.36	-0.30	1.43	0.30	1.86	1.20		
6JDA6V	0.93	-0.56	0.45	2.23	-0.74	0.07	0.38	0.00	0.30	0.11	-0.05	1.21		
733YM2	1.02	0.06	1.07	2.46	0.09	0.89	0.47	1.20	0.81	0.19	0.72	2.16		
8F8HX2	0.90	-0.70	0.56	2.23	-0.74	0.12	0.36	-0.38	0.60	0.09	-0.29	1.20		
9NGE9Q	0.94	-0.47	0.38	2.11	-1.21	0.25	0.39	0.12	0.23	0.18	0.60	1.38		
A2KXJQ	0.93	-0.53	0.67	2.24	-0.72	0.34	0.21	-2.36	1.04	0.10	-0.22	0.69		
ERFJNR	1.39	2.36	0.09	2.56	0.48	0.13	0.54	2.13	0.14	0.38	2.64	0.84		
J73FRK	0.94	-0.45	0.13	2.27	-0.61	0.15	0.36	-0.38	0.23	0.08	-0.43	0.69		
KWRD7J	1.20	1.14	0.13	2.43	0.00	1.18	0.32	-0.92	3.02	0.20	0.84	0.00		
KZQV3Q	0.97	-0.26	0.03	2.29	-0.54	0.06	0.33	-0.68	0.28	0.08	-0.36	0.07		
MAAYEH	1.03	0.10	0.23	2.47	0.13	0.50	0.38	-0.12	0.23	0.13	0.09	0.40		
NXBQYC	1.36	2.14	3.34	2.90	1.73	2.62	0.43	0.57	1.39	0.37	2.58	1.20		
PR3FGH	0.98	-0.24	0.46	2.45	0.06	0.41	0.37	-0.20	0.79	0.09	-0.29	0.00		
QDHBTB	0.86	-0.97	0.00	1.75	-2.52	0.18	0.39	0.03	0.23	0.12	0.02	0.00		
QDXTU7	1.14	0.82	0.14	2.50	0.26	0.08	0.48	1.31	0.37	0.15	0.33	0.00		
QRELHD	1.10	0.56	0.51	2.53	0.35	0.16	0.43	0.61	0.79	0.12	-0.02	1.83		
TPPYZA	1.01	0.00	0.48	2.42	-0.05	0.28	0.40	0.17	0.26	0.09	-0.25	0.69		
VF4VGC	0.19	-5.14X	0.20	0.33	-7.80X	0.20	0.08	-4.16X	0.16	0.06	-0.55	0.16		

CI (SubTestCode 208)					Data units: Percent	
	SRB2405	SRB2406	SRB2407	SRB2408		
Grand Median	1.01	2.43	0.38	0.12		
Median Abs Dev	0.08	0.15	0.03	0.03		
Avg Within Lab SD	0.04	0.13	0.03	0.01		
Labs Included	17	17	17	18		
Labs Reporting	18	18	18	18		



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TKN (SubTestCode 209)												Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	4.18	0.08	1.67	2.79	-0.07	1.68	3.45	0.09	1.77	2.53	0.69	2.07	
4VRYD9	2.43	-2.28	0.91	1.42	-1.86	0.29	1.79	-2.53	0.11	1.21	-4.39X	0.12	
BYNV3Z	0.01	-5.55X	0.00	0.01	-3.71X	0.00	0.01	-5.34X	0.00	0.01	-8.98X	0.00	
KZQV3Q	4.43	0.40	0.70	3.28	0.57	0.13	3.64	0.39	0.16	2.46	0.44	0.15	
QDXTU7	4.28	0.21	0.30	3.04	0.26	0.76	3.50	0.18	0.77	2.37	0.09	0.13	
QJFDMK	3.91	-0.29	0.39	2.90	0.07	0.53	3.11	-0.45	0.01	2.22	-0.50	0.30	
RFY6YK	4.07	-0.08	1.92	2.56	-0.37	0.96	3.17	-0.34	2.14	2.00	-1.33	1.61	
UC77JD	4.23	0.14	0.11	3.96	1.45	0.19	3.49	0.16	0.10	2.35	0.00	0.05	
UQAG4E	3.36	-1.04	1.15	2.10	-0.98	1.43	3.04	-0.54	0.32	2.16	-0.72	0.66	
XN8PNA	3.94	-0.26	0.11	2.39	-0.60	0.00	3.33	-0.09	0.00	2.25	-0.37		
YLH377	5.59	1.97	0.79	3.24	0.52	1.78	4.63	1.96	1.25	2.85	1.93	0.74	

TKN (SubTestCode 209)												Data units: Percent	
	SRB2405			SRB2406			SRB2407			SRB2408			
Grand Median	4.13			2.85			3.39			2.35			
Median Abs Dev	0.20			0.42			0.23			0.13			
Avg Within Lab SD	0.05			0.06			0.10			0.12			
Labs Included	10			10			10			9			
Labs Reporting	11			11			11			11			



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N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	4.30	0.85	0.23	4.00	0.68	0.14	3.51	0.40	0.21	2.41	0.99	0.17
43FCM9	4.36	1.33	0.05	4.06	1.21	0.15	3.56	0.82	0.22	2.39	0.85	0.05
6JDA6V	4.19	0.01	0.00	3.88	-0.35	0.00	3.44	-0.14	0.00	2.31	-0.08	0.00
733YM2	4.17	-0.13	0.22	3.90	-0.16	0.25	3.39	-0.56	0.35	2.28	-0.46	0.01
7UQT2W	4.20	0.08	0.24	4.06	1.15	0.48	3.45	-0.07	0.42	2.34	0.22	0.39
7Y72PW	4.19	0.00	4.18	3.94	0.20	3.73	3.57	0.90	4.51	2.51	2.16	5.10
8F8HX2	4.15	-0.24	1.27	4.02	0.85	2.41	3.49	0.24	0.43	2.28	-0.43	1.71
9NGE9Q	4.13	-0.44	0.29	3.88	-0.35	0.08	3.39	-0.57	0.14	2.33	0.07	0.09
A2KXJQ	4.26	0.53	0.12	3.97	0.45	0.64	3.46	0.01	0.28	2.27	-0.54	0.43
EBVTPR	4.47	2.08	0.07	4.20	2.35	0.13	3.68	1.83	0.28	2.49	1.96	0.14
ERFJNR	4.21	0.16	0.07	3.92	-0.02	0.08	3.47	0.07	0.32	2.32	0.03	0.31
F3NREN	4.17	-0.15	0.52	3.92	0.04	0.23	3.38	-0.63	0.15	2.26	-0.69	0.08
FKQJLJ	4.13	-0.39	1.36	3.89	-0.21	0.08	3.44	-0.12	0.35	2.32	-0.04	0.45
GWYTKT	4.17	-0.14	0.24	3.89	-0.24	0.24	3.35	-0.90	0.51	2.26	-0.70	0.39
HBYR9P	4.11	-0.53	0.80	3.88	-0.36	0.48	3.39	-0.61	1.11	2.27	-0.57	0.16
HVQVVH	4.26	0.52	0.13	3.98	0.51	0.35	3.51	0.42	0.36	2.35	0.30	0.20
J73FRK	4.14	-0.36	0.13	3.87	-0.41	0.14	3.42	-0.29	0.21	2.27	-0.54	0.09
KWRD7J	4.15	-0.26	0.95	4.04	0.99	2.10	3.56	0.85	1.95	2.46	1.57	2.22
KZQV3Q	4.19	0.01	0.18	3.91	-0.07	0.14	3.41	-0.37	0.21	2.29	-0.39	0.34
L6GNTJ	4.22	0.23	0.07	3.94	0.20	0.08	3.48	0.15	0.21	2.37	0.53	0.37
LVBNEQ	4.06	-0.93	0.31	3.81	-0.94	0.29	3.22	-1.98	0.42	2.25	-0.77	0.23
MAAYEH	4.37	1.38	0.16	4.04	1.02	0.14	3.55	0.76	0.38	2.38	0.67	0.08
MNRZYE	4.45	1.94	2.78	4.44	4.37X	0.76	3.88	3.54X	0.72	2.59	3.10X	0.51
NXBQYC	4.47	2.07	0.38	4.15	1.97	0.36	3.63	1.46	0.70	2.45	1.50	0.32
PDY9KL	4.11	-0.53	0.40	3.90	-0.18	0.84	3.32	-1.19	1.19	2.29	-0.38	0.66
PR3FGH	4.08	-0.77	0.06	3.82	-0.87	0.10	3.32	-1.15	0.19	2.23	-0.99	0.10



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N- Dry Comb. (SubTestCode 210)												Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PRZ3XF	4.19	0.00	0.28	3.92	-0.01	0.32	3.43	-0.24	0.24	2.32	-0.03	0.21	
PYJAFK	4.17	-0.14	0.13	3.82	-0.83	0.14	3.39	-0.57	0.37	2.28	-0.47	0.15	
QDHBTL	4.30	0.87	0.07	4.02	0.82	0.08	3.50	0.35		2.37	0.53	0.09	
QDXTU7	4.50	2.34	0.05	4.21	2.43	0.01	3.68	1.88	0.02	2.50	2.07	0.04	
QJFDMK	4.06	-0.95	0.97	3.76	-1.33	0.33	3.61	1.28	0.45	2.39	0.77	0.09	
QRELHD	4.10	-0.63	0.12	3.94	0.15	0.44	3.46	0.04	0.72	2.29	-0.31	0.17	
RCLDZ6	4.44	1.92	0.71	4.07	1.28	1.35	3.58	1.05	0.79	2.37	0.62	1.29	
RFY6YK	4.06	-0.94	0.28	3.84	-0.70	0.36	3.31	-1.21	0.47	2.18	-1.63	0.16	
RZTUJE	4.11	-0.58	0.12	3.83	-0.76	0.12	3.32	-1.12	0.06	2.23	-1.03	0.13	
TPPYZA	4.12	-0.51	0.37	3.90	-0.19	1.48	3.57	0.90	1.35	2.40	0.88	0.81	
VF4VGC	4.28	0.73	0.27	4.01	0.76	0.00	3.46	-0.01	0.21	2.30	-0.20	0.17	
WHBJK9	4.37	1.39	1.69	4.02	0.85	1.99	3.49	0.26	1.51	2.35	0.28	0.78	
XN8PNA	4.15	-0.26	0.00	3.81	-0.91	0.00	3.37	-0.71	0.16	2.33	0.15	0.09	
Z6UVYZ	4.23	0.32	1.57	3.90	-0.16	1.66	3.51	0.46	1.46	2.33	0.14	0.14	
ZY73X9	4.18	-0.02	1.58	3.92	0.01	1.54	3.41	-0.40	1.34	2.28	-0.43	1.11	

N- Dry Comb. (SubTestCode 210)					Data units: Percent			
	SRB2405		SRB2406		SRB2407		SRB2408	
Grand Median	4.19		3.92		3.46		2.32	
Median Abs Dev	0.07		0.07		0.07		0.05	
Avg Within Lab SD	0.09		0.07		0.07		0.07	
Labs Included	41		40		40		40	
Labs Reporting	41		41		41		41	



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
QDHBTL	0.89		1.04	0.25		1.34	0.37		0.00	0.21	1.11
RZTUJE	0.90		0.96	0.22		0.46	0.41		1.41	0.23	0.87
S- Dry Comb. (SubTestCode 211)										Data units: Percent	
	SRB2405			SRB2406			SRB2407			SRB2408	
Grand Median	0.90			0.23			0.39			0.22	
Median Abs Dev											
Avg Within Lab SD	0.01			0.00			0.01			0.01	
Labs Included	2			2			2			2	
Labs Reporting	2			2			2			2	



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C-Dry Comb (SubTestCode 2111)													Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6JDA6V	38.2	-0.41	0.01	31.9	-0.17	0.12	41.5	-0.36	1.18	42.2	-0.30	0.02		
EBVTPR	41.6	1.76	0.05	34.7	2.54	0.16	45.8	1.15	0.19	46.2	1.66	0.27		
HBYR9P	37.1	-1.11	2.70	32.0	-0.16	2.30	41.4	-0.42	2.43	41.6	-0.59	2.69		
PR3FGH	39.4	0.33	0.26	32.9	0.80	0.74	42.9	0.13	0.31	43.5	0.36	0.27		
PRZ3XF	37.5	-0.88	0.28	31.0	-1.12	0.52	41.1	-0.50	0.43	41.5	-0.63	0.74		
QDXTU7	39.2	0.21	0.04	32.3	0.16	0.02	43.0	0.17	0.03	43.4	0.30	0.19		
QJFDMK	39.6	0.47	0.76	32.3	0.16	1.35	49.6	2.52	0.58	45.3	1.20	0.15		
RZTUJE	38.5	-0.21	0.04	31.8	-0.29	0.05	42.2	-0.13	0.16	42.1	-0.36	0.02		

C-Dry Comb (SubTestCode 2111)					Data units: Percent	
	SRB2405		SRB2406		SRB2408	
Grand Median	38.8		32.1		42.8	
Median Abs Dev	0.7		0.2		1.0	
Avg Within Lab SD	0.7		0.3		0.3	
Labs Included	8		8		8	
Labs Reporting	8		8		8	



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P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	0.39	0.33	0.43	0.38	0.01	0.44	0.40	0.51	0.44	0.16	1.13	1.05
2K2EBX	0.27	-3.65	0.60	0.32	-1.78	0.08	0.39	-0.01	1.80	0.13	-1.71	0.38
3269HX	0.35	-1.13	0.71	0.33	-1.52	1.77	0.36	-0.97	0.74	0.14	-1.19	0.84
43FCM9	0.42	1.11	0.61	0.42	1.39	0.69	0.41	0.68	0.30	0.16	0.70	0.28
4L6ZL3	0.38	0.02	0.20	0.39	0.29	0.08	0.39	0.09	0.12	0.15	-0.13	0.38
4NDY9W	0.38	-0.19	0.73	0.37	-0.14	0.45	0.38	-0.56	0.11	0.15	-0.19	0.39
4VRYD9	0.76	12.49X	0.99	0.83	13.66X	5.12	7.03	252.18X	11.57	1.43	109.82X	5.43
6DQDDY	0.39	0.31	0.58	0.40	0.60	1.22	0.40	0.50	0.54	0.15	0.35	0.56
6JDA6V	0.53	4.93X	1.25	0.54	4.79X	0.38	0.55	6.05X	0.16	0.23	6.75X	0.28
733YM2	0.36	-0.67	0.24	0.37	-0.29	0.74	0.37	-0.84	0.24	0.15	-0.44	0.42
7UQT2W	0.41	0.89	0.74	0.40	0.71	0.76	0.42	1.14	0.76	0.16	0.85	1.82
7Y72PW	0.40	0.39	2.40	0.38	0.10	1.56	0.40	0.49	2.66	0.15	0.22	2.16
8F8HX2	0.35	-1.00	1.13	0.34	-0.99	0.44	0.36	-1.01	0.44	0.14	-0.87	0.00
9MZAJZ	0.38	0.04	0.35	0.38	0.00	0.97	0.38	-0.24	0.35	0.15	0.10	1.19
A2KXJQ	0.40	0.67	0.43	0.42	1.21	0.44	0.42	1.01	0.44	0.16	0.85	0.00
AXWDNU	0.44	2.03	2.08	0.45	2.15	0.33	0.42	1.27	0.19	0.17	1.28	1.14
BYNV3Z	0.37	-0.56	0.43	0.36	-0.59	0.44	0.37	-0.76	0.76	0.14	-0.87	0.00
EBVTPR	0.33	-1.92	0.46	0.33	-1.46	0.29	0.35	-1.35	0.29	0.13	-1.71	0.28
ERFJNR	0.38	0.00	0.85	0.38	0.11	0.00	0.39	0.00	0.76	0.15	-0.01	0.00
F3NREN	0.38	-0.05	2.25	0.40	0.69	0.58	0.40	0.50	0.28	0.15	-0.38	2.49
FKQJLJ	0.38	-0.07	0.36	0.36	-0.54	1.53	0.38	-0.27	0.20	0.15	0.01	0.56
GWYTKT	0.40	0.67	0.43	0.41	1.11	1.59	0.40	0.38	0.00	0.16	0.56	1.05
HBYR9P	0.35	-1.05	2.12	0.35	-0.70	1.43	0.36	-0.99	1.94	0.14	-0.49	1.51
J73FRK	0.34	-1.56	0.85	0.34	-0.99	0.44	0.37	-0.76	0.00	0.14	-1.16	1.05
KWRD7J	0.40	0.50	1.29	0.38	0.01	3.08	0.38	-0.47	3.78	0.15	-0.27	2.72
KZQV3Q	0.40	0.63	0.14	0.39	0.36	0.03	0.40	0.44	0.29	0.15	0.16	0.13



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P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
L6GNTJ	0.37	-0.48	0.20	0.36	-0.53	0.19	0.37	-0.61	0.26	0.14	-0.56	0.11	
LH6PCC	0.40	0.45	0.83	0.41	0.98	1.89	0.40	0.55	0.50	0.16	0.64	0.42	
LVBNEQ	0.36	-0.67	0.43	0.35	-0.69	0.44	0.38	-0.51	0.44	0.14	-0.87	0.00	
MAAYEH	0.39	0.10	0.35	0.39	0.32	0.37	0.39	0.01	0.23	0.16	0.68	0.15	
MNRZYE	0.37	-0.45	1.47	0.38	0.21	1.16	0.42	1.01	1.57	0.15	-0.01	0.00	
NXBQYC	0.42	1.35	0.23	0.41	1.14	0.36	0.43	1.65	0.95	0.17	1.82	1.04	
PDY9KL	0.36	-0.74	1.03	0.35	-0.71	0.22	0.35	-1.40	1.53	0.14	-0.77	0.58	
PR3FGH	0.37	-0.56	0.85	0.35	-0.69	0.44	0.36	-1.14	0.00	0.14	-1.16	1.05	
PRZ3XF	0.36	-0.75	0.16	0.35	-0.68	0.39	0.38	-0.57	0.47	0.14	-0.65	0.21	
QDXTU7	0.41	0.85	0.20	0.40	0.61	0.08	0.41	0.64	0.05	0.16	0.86	0.19	
QJFDMK	0.38	-0.06	0.07	0.37	-0.10	0.38	0.40	0.37	0.14	0.15	0.29	0.98	
RCLDZ6	0.44	1.89	0.31	0.43	1.75	0.00	0.44	1.78	0.22	0.17	1.44	0.06	
RFGAGJ	0.37	-0.46	1.58	0.37	-0.27	0.18	0.40	0.36	0.59	0.15	0.14	0.79	
RFY6YK	0.36	-0.79	0.37	0.37	-0.26	0.30	0.37	-0.73	0.39	0.14	-0.48	0.61	
RZTUJE	0.39	0.28	0.81	0.39	0.50	1.15	0.40	0.50	1.25	0.16	0.98	0.57	
TPPYZA	0.37	-0.55	0.14	0.36	-0.53	0.08	0.38	-0.23	0.30	0.14	-0.45	0.34	
UC77JD	0.38	0.00	0.43	0.38	0.21	0.44	0.39	0.13	0.44	0.15	0.27	1.05	
UQAG4E	3.76	113.06X	1.90	3.75	101.25X	2.55	3.68	125.08X	1.91	1.40	107.69X	8.02	
VF4VGC	0.40	0.57	0.36	0.39	0.52	0.04	0.39	-0.14	0.37	0.15	0.16	0.48	
WHBJK9	0.38	0.00	0.43	0.39	0.31	2.20	0.38	-0.38	0.00	0.14	-0.59	1.05	
XN8PNA	0.39	0.22	0.74	0.37	-0.09	1.16	0.39	0.13	0.44	0.15	-0.30	1.05	
YLH377	0.39	0.22	1.47	0.30	-2.19	1.16	0.44	2.03	1.16	0.37	18.91X	3.64	
Z6UVYZ	0.37	-0.42	0.92	0.36	-0.45	0.78	0.35	-1.61	1.43	0.17	2.02	1.75	
ZY73X9	0.37	-0.40	2.54	0.37	-0.19	1.87	0.39	0.00	1.52	0.15	0.27	1.48	



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P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	0.38	0.38	0.39	0.15
Median Abs Dev	0.02	0.02	0.01	0.01
Avg Within Lab SD	0.01	0.01	0.01	0.01
Labs Included	47	47	47	46
Labs Reporting	50	50	50	50



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	2.60	0.16	0.40	10.13	0.45	0.08	4.08	-0.14	0.16	1.23	-0.32	0.28
2K2EBX	1.79	-3.48	0.49	7.04	-2.33	0.06	3.66	-1.35	0.19	1.12	-1.43	0.16
3269HX	2.45	-0.48	0.17	8.28	-1.22	0.38	3.87	-0.75	0.30	1.23	-0.32	0.48
43FCM9	2.72	0.73	0.89	11.08	1.30	0.89	4.34	0.60	0.65	1.34	0.79	0.08
4L6ZL3	2.58	0.10	0.68	9.94	0.28	0.04	4.29	0.45	0.14	1.29	0.28	0.16
4NDY9W	2.36	-0.89	0.65	9.21	-0.38	0.11	3.65	-1.37	0.10	1.17	-0.95	0.00
4VRYD9	5.08	11.35X	2.21	9.96	0.29	3.35	4.26	0.37	5.52	2.30	11.01X	2.64
6DQDDY	2.54	-0.10	0.58	9.81	0.16	0.72	4.15	0.06	0.23	1.25	-0.15	0.22
6JDA6V	3.12	2.50	0.67	11.83	1.97	0.21	5.09	2.72X	0.21	1.60	3.56X	0.16
733YM2	2.49	-0.31	0.52	9.06	-0.52	0.41	3.92	-0.60	0.17	1.27	0.06	0.10
7UQT2W	2.59	0.15	0.28	11.28	1.48	0.69	4.43	0.85	0.24	1.35	0.95	0.28
7Y72PW	2.54	-0.11	2.20	9.65	0.02	1.30	4.14	0.03	0.83	1.31	0.50	0.56
8F8HX2	2.36	-0.89	1.13	9.24	-0.35	1.62	3.83	-0.85	0.87	1.20	-0.63	0.28
9MZAJZ	2.52	-0.18	0.30	9.65	0.02	0.14	4.23	0.28	0.32	1.24	-0.21	0.48
A2KXJQ	2.56	0.01	0.53	8.76	-0.78	0.32	2.13	-5.67X	0.78	1.22	-0.39	0.12
AXWDNU	2.74	0.79	1.94	10.77	1.02	0.62	4.23	0.28	0.05	1.26	0.04	0.37
BYNV3Z	2.49	-0.32	0.20	9.56	-0.06	0.06	4.03	-0.28	0.11	1.23	-0.28	0.16
EBVTPR	1.96	-2.72	0.05	8.07	-1.40	0.40	3.68	-1.29	0.12	1.10	-1.73	0.03
ERFJNR	2.65	0.40	0.11	10.10	0.42	0.19	4.35	0.63	0.06	1.35	0.99	0.12
F3NREN	2.48	-0.35	2.54	9.01	-0.56	2.03	4.15	0.06	0.88	1.19	-0.71	1.17
FKQJLJ	2.44	-0.53	0.86	7.87	-1.58	1.09	3.73	-1.15	0.52	1.22	-0.39	0.52
GWYTKT	2.61	0.24	0.26	9.33	-0.27	0.99	4.16	0.09	0.06	1.28	0.21	0.21
HBYR9P	2.40	-0.73	0.25	9.20	-0.38	0.21	4.00	-0.38	0.45	1.24	-0.21	0.10
J73FRK	2.20	-1.63	0.41	8.51	-1.01	0.34	3.67	-1.31	0.19	1.12	-1.51	0.06
KWRD7J	2.69	0.58	0.30	10.10	0.42	1.70	4.25	0.34	1.24	1.29	0.28	0.26
KZQV3Q	2.78	1.00	0.05	10.59	0.86	0.27	4.41	0.79	0.12	1.31	0.48	0.08



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
L6GNTJ	2.60	0.19	0.24	10.18	0.49	0.16	4.31	0.50	0.32	1.26	0.00	0.11
LH6PCC	2.22	-1.52	1.00	8.43	-1.08	0.40	3.38	-2.13	0.27	1.07	-1.99	0.20
LVBNEQ	2.62	0.25	0.07	9.97	0.30	0.10	4.35	0.61	0.16	1.32	0.60	0.32
MAAYEH	2.67	0.51	0.23	10.41	0.70	0.36	4.33	0.57	0.15	1.30	0.39	0.16
MNRZYE	2.79	1.03	1.60	10.59	0.86	0.81	4.69	1.60	0.84	1.45	2.04	0.24
NXBQYC	2.55	-0.03	0.47	8.79	-0.76	0.74	3.90	-0.65	0.69	1.30	0.39	0.34
PDY9KL	2.53	-0.15	0.76	9.37	-0.23	0.27	3.86	-0.76	1.02	1.25	-0.10	0.40
PR3FGH	2.62	0.28	0.13	9.88	0.22	0.02	4.19	0.18	0.26	1.29	0.32	0.18
PRZ3XF	2.57	0.03	0.36	9.28	-0.32	0.46	4.12	-0.03	0.37	1.28	0.21	0.27
QDXTU7	2.99	1.92	0.17	10.66	0.93	0.09	4.54	1.16	0.07	1.46	2.10	0.06
QJFDMK	2.45	-0.52	0.20	9.55	-0.07	0.29	4.08	-0.14	0.19	1.18	-0.86	0.07
RCLDZ6	2.90	1.55	0.21	11.06	1.29	0.90	4.57	1.24	0.03	1.38	1.31	0.02
RFGAGJ	2.61	0.22	1.71	8.41	-1.09	0.94	4.06	-0.21	1.02	1.34	0.83	0.33
RFY6YK	2.49	-0.31	0.35	9.61	-0.02	0.19	4.06	-0.20	0.29	1.25	-0.13	0.38
RZTUJE	2.56	0.00	0.52	9.89	0.23	0.67	4.19	0.16	0.90	1.32	0.69	0.30
TPPYZA	2.37	-0.88	0.54	6.02	-3.24X	0.59	3.23	-2.57	0.89	1.23	-0.29	0.01
UC77JD	2.63	0.33	0.07	11.00	1.23	0.02	4.30	0.48	0.05	1.32	0.60	0.22
UQAG4E	2.30	-1.20	0.17	8.87	-0.69	0.40	3.88	-0.71	0.19	1.17	-0.99	0.17
VF4VGC	2.61	0.22	0.20	9.97	0.30	0.06	4.18	0.13	0.16	1.27	0.14	0.12
WHBJK9	2.63	0.33	1.31	9.33	-0.27	3.71	4.07	-0.18	1.08	1.30	0.42	1.05
XN8PNA	2.55	-0.06	0.83	9.22	-0.37	0.66	4.21	0.22	0.17	1.23	-0.32	0.28
YLH377	2.33	-1.04	1.13	8.63	-0.90	1.28	3.90	-0.65	0.84	1.21	-0.53	0.38
Z6UVYZ	2.40	-0.74	3.76	2.84	-6.10X	0.10	3.21	-2.63	1.33	1.66	4.23X	2.13
ZY73X9	2.64	0.36	1.28	10.18	0.49	0.20	3.99	-0.41	1.81	1.01	-2.64	6.44



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	2.56	9.63	4.13	1.26
Median Abs Dev	0.08	0.55	0.19	0.04
Avg Within Lab SD	0.09	0.40	0.19	0.10
Labs Included	49	48	48	47
Labs Reporting	50	50	50	50



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	3.30	0.89	0.28	1.52	0.28	0.32	0.41	0.63	0.94	3.69	0.21	0.21
2K2EBX	2.07	-4.28X	0.22	1.22	-1.81	0.04	0.37	-0.66	0.43	2.88	-3.26	0.15
3269HX	2.94	-0.61	0.36	1.39	-0.62	0.68	0.43	0.99	1.78	3.43	-0.89	1.61
43FCM9	3.34	1.09	0.99	1.59	0.76	0.68	0.39	-0.12	0.34	3.92	1.17	0.59
4L6ZL3	3.15	0.27	0.78	1.52	0.24	0.95	0.38	-0.18	0.71	3.67	0.11	0.10
4NDY9W	3.20	0.46	0.43	1.43	-0.35	0.32	0.36	-0.75	0.46	3.58	-0.28	0.89
4VRYD9	6.71	15.33X	7.98	3.63	14.97X	5.25	0.92	14.30X	2.76	7.96	18.37X	4.46
6DQDDY	3.17	0.35	0.31	1.48	0.00	0.70	0.38	-0.24	0.32	3.74	0.40	0.95
6JDA6V	1.11	-8.34X	0.30	0.54	-6.60X	0.06	0.14	-6.70X	0.09	1.34	-9.80X	0.13
733YM2	3.05	-0.17	0.86	1.55	0.47	2.22	0.39	0.00	0.71	3.53	-0.47	1.18
7UQT2W	3.15	0.25	0.36	1.53	0.31	0.44	0.39	0.00	0.62	3.75	0.45	0.26
7Y72PW	3.11	0.10	2.03	1.57	0.58	1.80	0.43	1.01	1.86	3.70	0.26	0.64
8F8HX2	3.00	-0.38	1.07	1.40	-0.55	0.68	0.38	-0.36	0.94	3.59	-0.23	0.30
9MZAJZ	3.06	-0.13	0.74	1.47	-0.11	0.12	0.39	-0.01	0.22	3.59	-0.23	0.84
A2KXJQ	3.07	-0.08	0.42	1.47	-0.11	0.32	0.40	0.18	0.36	3.68	0.16	0.94
AXWDNU	3.12	0.13	0.17	1.51	0.21	0.12	0.39	0.05	0.21	3.64	-0.01	0.69
BYNV3Z	3.02	-0.27	0.84	1.39	-0.62	0.68	0.37	-0.54	0.62	3.61	-0.13	0.25
EBVTPR	2.57	-2.19	0.68	1.22	-1.86	0.35	0.34	-1.25	0.22	3.64	-0.02	0.09
ERFJNR	3.22	0.58	0.17	1.54	0.40	0.00	0.42	0.81	0.62	3.85	0.87	0.66
F3NREN	3.07	-0.07	2.36	1.44	-0.32	2.69	0.37	-0.44	1.91	3.49	-0.65	1.77
FKQJLJ	2.79	-1.24	0.97	1.31	-1.23	1.70	0.38	-0.25	0.45	3.25	-1.67	1.37
GWYTKT	3.20	0.49	0.61	1.54	0.42	0.80	0.40	0.18	0.36	3.72	0.34	0.86
HBYR9P	2.87	-0.94	0.31	1.33	-1.09	0.36	0.39	0.02	2.56	3.44	-0.86	0.48
J73FRK	2.68	-1.73	0.17	1.31	-1.21	0.56	0.35	-1.08	0.00	3.32	-1.36	0.56
KWRD7J	3.41	1.35	0.76	1.58	0.65	2.68	0.41	0.45	2.57	3.73	0.37	3.80
KZQV3Q	3.31	0.93	0.82	1.55	0.46	0.15	0.41	0.46	0.22	3.77	0.53	0.21



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Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LH6PCC	2.91	-0.75	0.83	1.48	0.00	1.85	0.39	-0.06	0.52	3.37	-1.16	0.54
MAAYEH	3.44	1.50	0.46	1.58	0.67	0.38	0.41	0.41	0.17	4.16	2.21	0.36
MNRZYE	3.22	0.55	2.01	1.59	0.75	1.38	0.46	1.80	1.29	3.90	1.09	0.10
NXBQYC	3.14	0.23	0.49	1.61	0.88	0.69	0.46	1.78	0.90	3.61	-0.16	0.51
PDY9KL	2.99	-0.41	1.07	1.38	-0.71	0.36	0.36	-0.89	1.78	3.49	-0.66	0.87
PR3FGH	3.10	0.04	0.17	1.50	0.12	0.56	0.37	-0.45	0.36	3.70	0.26	0.32
PRZ3XF	3.08	-0.04	0.24	1.39	-0.63	0.25	0.37	-0.60	0.43	3.71	0.27	0.16
QDXTU7	3.39	1.28	0.17	1.56	0.54	0.17	0.42	0.81	0.00	3.90	1.11	0.19
QJFDMK	2.79	-1.27	0.48	1.20	-1.98	0.15	0.16	-6.13X	0.18	3.32	-1.37	0.06
RCLDZ6	3.54	1.93	0.35	1.71	1.55	0.00	0.45	1.56	0.37	4.07	1.80	0.08
RFGAGJ	3.06	-0.10	1.96	1.47	-0.12	0.33	0.43	0.99	0.31	3.73	0.37	0.99
RFY6YK	2.83	-1.08	0.35	1.44	-0.33	0.26	0.39	-0.02	0.32	3.44	-0.86	0.42
RZTUJE	3.87	3.30X	0.02	1.82	2.38	0.25	0.50	2.90	0.33	4.83	5.04X	2.38
TPPYZA	2.95	-0.57	0.32	1.36	-0.87	0.20	0.36	-0.75	0.30	3.55	-0.38	0.14
UC77JD	3.22	0.55	0.08	1.59	0.72	0.12	0.46	1.99	0.36	3.79	0.62	0.10
UQAG4E	2.87	-0.90	0.17	1.35	-0.94	0.42	0.37	-0.51	0.16	3.47	-0.74	0.44
VF4VGC	3.10	0.07	0.46	1.45	-0.21	0.24	0.38	-0.27	0.00	3.65	0.01	0.30
WHBJK9	3.23	0.62	1.28	1.57	0.58	2.43	0.41	0.45	0.71	3.77	0.53	2.06
XN8PNA	3.11	0.11	1.01	1.39	-0.62	0.88	0.40	0.18	0.36	3.57	-0.33	0.54
YLH377	2.66	-1.80	0.45	1.24	-1.69	0.84	0.41	0.45	0.59	2.55	-4.66X	1.04
Z6UVYZ	2.84	-1.06	0.44	1.49	0.02	0.23	0.49	2.77	2.12	3.46	-0.80	0.85
ZY73X9	3.06	-0.11	3.39	1.49	0.03	1.00	0.39	-0.03	1.99	3.65	0.01	2.37



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Ca (SubTestCode 214) in the Wet Digestion Property Groups					Data units: Percent
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	3.09	1.48	0.39	3.64	
Median Abs Dev	0.13	0.08	0.02	0.11	
Avg Within Lab SD	0.09	0.05	0.02	0.10	
Labs Included	44	46	45	44	
Labs Reporting	48	48	48	48	



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	1.04	-0.26	0.20	0.68	-0.33	0.58	0.18	-0.23	0.92	0.34	-0.38	0.56
2K2EBX	0.68	-5.63X	1.71	0.56	-2.81X	1.67	0.17	-0.63	1.70	0.32	-1.17	1.76
3269HX	1.03	-0.46	1.23	0.66	-0.68	0.50	0.19	0.45	0.92	0.34	-0.38	1.47
43FCM9	1.15	1.31	1.29	0.77	1.60	1.12	0.18	0.00	0.80	0.37	0.98	0.39
4L6ZL3	1.07	0.18	0.81	0.72	0.62	0.55	0.17	-0.45	0.49	0.34	-0.30	0.34
4NDY9W	0.99	-1.12	0.12	0.66	-0.64	0.19	0.16	-1.19	0.21	0.34	-0.38	0.11
4VRYD9	2.25	17.62X	4.48	1.52	17.37X	3.89	0.41	15.32X	1.58	0.81	18.92X	5.27
6DQDDY	1.07	0.13	1.15	0.69	0.01	0.84	0.18	0.15	0.54	0.36	0.46	0.61
6JDA6V	0.43	-9.40X	0.24	0.28	-8.59X	0.19	0.07	-7.41X	0.32	0.14	-8.25X	0.33
733YM2	1.05	-0.21	0.85	0.72	0.66	1.63	0.18	-0.13	0.87	0.34	-0.42	0.10
7UQT2W	1.04	-0.31	0.34	0.68	-0.26	0.50	0.20	1.36	1.60	0.36	0.70	2.00
7Y72PW	1.01	-0.70	1.36	0.69	-0.04	0.60	0.19	0.57	1.34	0.34	-0.30	0.73
8F8HX2	1.05	-0.16	1.90	0.67	-0.40	1.05	0.18	0.00	1.60	0.36	0.56	0.96
9MZAJZ	1.07	0.13	0.68	0.69	-0.01	0.41	0.19	0.36	0.56	0.34	-0.19	0.44
A2KXJQ	0.98	-1.15	0.71	0.65	-0.96	0.29	0.17	-0.68	0.00	0.33	-0.52	0.56
AXWDNU	1.09	0.48	1.09	0.75	1.16	0.55	0.18	0.09	0.37	0.36	0.44	1.18
BYNV3Z	1.00	-0.85	0.86	0.65	-0.96	0.58	0.17	-0.91	0.92	0.33	-0.79	0.56
EBVTPR	1.10	0.56	0.48	0.71	0.44	0.42	0.17	-0.95	0.32	0.33	-0.73	0.44
ERFJNR	1.11	0.78	0.20	0.71	0.30	0.58	0.18	-0.23	0.92	0.36	0.56	0.00
F3NREN	1.04	-0.32	2.84	0.72	0.56	0.79	0.18	0.01	2.06	0.34	-0.33	2.19
FKQJLJ	1.03	-0.46	1.23	0.66	-0.75	2.18	0.19	0.48	0.70	0.35	0.19	1.45
GWYTKT	1.10	0.53	0.52	0.73	0.79	1.51	0.18	0.23	0.92	0.35	0.02	0.56
HBYR9P	1.01	-0.74	0.60	0.66	-0.68	0.47	0.18	0.04	1.48	0.34	-0.33	0.48
J73FRK	0.89	-2.58	0.20	0.59	-2.07	0.77	0.15	-2.04	0.00	0.29	-2.14	0.56
KWRD7J	1.18	1.81	0.98	0.75	1.28	1.46	0.19	0.84	1.73	0.38	1.23	2.45
KZQV3Q	1.13	0.96	0.03	0.72	0.58	0.26	0.18	0.27	0.18	0.35	0.33	0.16



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
LH6PCC	1.07	0.18	1.23	0.72	0.64	2.35	0.18	-0.26	0.63	0.34	-0.07	0.44		
MAAYEH	1.05	-0.23	0.39	0.68	-0.21	0.40	0.17	-0.92	0.14	0.34	-0.09	0.16		
MNRZYE	1.07	0.18	2.05	0.73	0.86	1.27	0.19	0.91	0.92	0.36	0.56	0.00		
NXBQYC	1.19	1.90	1.00	0.79	2.11	1.09	0.21	1.72	1.38	0.41	2.66	0.97		
PDY9KL	1.05	-0.15	1.10	0.68	-0.36	0.24	0.17	-0.86	1.45	0.35	0.25	0.89		
PR3FGH	1.07	0.18	0.20	0.70	0.16	0.50	0.17	-0.68	0.00	0.35	0.16	0.00		
PRZ3XF	1.07	0.12	0.24	0.68	-0.21	0.42	0.17	-0.68	0.00	0.34	-0.16	0.19		
QDXTU7	1.16	1.50	0.17	0.75	1.25	0.14	0.19	0.96	0.00	0.37	1.00	0.16		
QJFDMK	1.04	-0.27	0.15	0.66	-0.58	0.36	0.17	-0.84	0.04	0.34	-0.36	0.14		
RCLDZ6	1.23	2.56	0.35	0.80	2.24	0.10	0.19	0.96	0.28	0.40	2.02	0.21		
RFGAGJ	1.06	-0.02	1.95	0.70	0.16	0.28	0.20	1.37	0.38	0.38	1.50	1.03		
RFY6YK	1.03	-0.48	0.45	0.69	-0.02	0.13	0.17	-0.38	0.43	0.35	-0.02	0.28		
RZTUJE	1.36	4.43X	0.29	0.85	3.39X	0.38	0.21	2.27	0.21	0.44	3.96X	1.62		
TPPYZA	1.00	-0.89	0.31	0.66	-0.73	0.21	0.17	-0.48	0.56	0.33	-0.67	0.11		
UC77JD	1.11	0.78	0.20	0.74	1.07	0.29	0.19	1.00	0.09	0.38	1.36	0.15		
UQAG4E	1.03	-0.52	0.24	0.66	-0.72	0.35	0.17	-0.95	0.28	0.32	-1.11	1.22		
VF4VGC	1.06	0.02	0.39	0.70	0.06	0.15	0.18	-0.23	0.18	0.35	0.23	0.31		
WHBJK9	1.10	0.58	0.00	0.73	0.86	2.95	0.17	-0.68	0.00	0.37	1.11	2.42		
XN8PNA	1.11	0.68	1.04	0.69	-0.12	0.77	0.19	0.45	0.92	0.35	0.29	0.56		
YLH377	1.05	-0.11	0.86	0.68	-0.19	1.34	0.19	0.61	0.64	0.31	-1.60	0.97		
Z6UVYZ	0.94	-1.72	0.19	0.65	-0.89	1.72	0.20	1.29	2.42	0.23	-4.66X	0.44		
ZY73X9	1.09	0.43	1.90	0.71	0.46	1.06	0.18	-0.27	2.50	0.36	0.58	2.06		



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	1.06	0.69	0.18	0.35	
Median Abs Dev	0.03	0.03	0.01	0.01	
Avg Within Lab SD	0.03	0.02	0.01	0.01	
Labs Included	44	44	46	44	
Labs Reporting	48	48	48	48	



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S (SubTestCode 216) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2D4RD7	0.87	0.39	0.22	0.24	0.14	0.62	0.37	0.76	0.40	0.24	0.62	0.72	
2K2EBX	0.57	-3.19X	0.57	0.19	-1.96	0.22	0.34	-0.45	0.76	0.18	-1.66	1.08	
3269HX	0.82	-0.13	0.79	0.22	-0.43	0.62	0.35	0.00	1.19	0.20	-0.74	1.24	
43FCM9	0.93	1.11	0.50	0.26	0.94	0.65	0.37	0.67	0.08	0.22	0.12	0.19	
4L6ZL3	0.86	0.32	0.08	0.24	0.22	0.44	0.36	0.45	0.04	0.20	-0.65	0.36	
4NDY9W	0.80	-0.47	0.32	0.22	-0.38	0.41	0.32	-0.83	0.64	0.21	-0.38	0.92	
6DQDDY	0.88	0.52	0.51	0.25	0.79	1.29	0.38	0.84	0.63	0.22	0.03	1.17	
6JDA6V	1.39	6.75X	1.39	0.42	8.07X	0.41	0.62	8.87X	0.95	0.37	5.71X	0.14	
733YM2	0.86	0.27	0.61	0.25	0.59	1.31	0.35	-0.08	0.88	0.26	1.33	0.97	
7UQT2W	0.91	0.92	0.38	0.26	1.15	1.08	0.40	1.63	0.69	0.25	1.11	1.24	
7Y72PW	0.90	0.80	0.68	0.27	1.63	2.08	0.38	1.13	2.42	0.23	0.43	2.18	
8F8HX2	0.80	-0.46	2.29	0.22	-0.72	1.25	0.33	-0.76	0.80	0.22	0.12	1.89	
A2KXJQ	0.85	0.23	0.79	0.23	-0.14	1.08	0.34	-0.33	0.00	0.22	0.12	0.72	
AXWDNU	1.03	2.33	2.66	0.28	2.08	0.66	0.40	1.50	0.25	0.23	0.49	1.08	
BYNV3Z	0.83	-0.05	0.66	0.22	-0.43	0.62	0.35	0.00	0.69	0.20	-0.62	0.72	
EBVTPR	0.68	-1.85	0.64	0.20	-1.56	0.25	0.31	-1.39	0.14	0.20	-0.71	0.14	
ERFJNR	0.81	-0.26	0.22	0.24	0.43	0.62	0.39	1.20	0.40	0.22	-0.12	0.72	
F3NREN	0.89	0.68	2.08	0.26	1.02	2.52	0.36	0.22	2.14	0.26	1.42	2.92	
FKQJLJ	0.84	0.09	0.60	0.23	0.03	1.24	0.35	0.03	0.18	0.21	-0.46	0.75	
GWYTKT	0.94	1.24	0.58	0.27	1.44	0.62	0.39	1.31	0.00	0.22	0.12	0.72	
HBYR9P	0.77	-0.84	0.39	0.22	-0.50	0.36	0.34	-0.33	0.54	0.20	-0.89	0.11	
J73FRK	0.79	-0.54	1.00	0.23	-0.29	0.62	0.35	-0.11	0.40	0.21	-0.37	0.00	
KWRD7J	0.88	0.59	1.44	0.24	0.14	2.49	0.34	-0.25	3.13	0.24	0.65	2.98	
KZQV3Q	0.92	1.06	0.21	0.24	0.43	0.06	0.38	1.00	0.27	0.21	-0.31	0.14	
LH6PCC	0.82	-0.21	1.55	0.23	0.02	0.19	0.33	-0.58	0.60	0.20	-0.62	0.22	
LVBNEQ	0.82	-0.18	0.38	0.23	-0.29	0.62	0.34	-0.44	0.40	0.21	-0.49	0.72	



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MAAYEH	0.82	-0.15	0.44	0.23	-0.06	0.27	0.34	-0.27	0.12	0.21	-0.43	0.12
MNRZYE	0.80	-0.42	1.52	0.24	0.14	1.25	0.35	0.11	1.05	0.22	0.00	0.00
NXBQYC	0.90	0.84	0.30	0.26	0.98	0.32	0.37	0.78	0.80	0.26	1.35	0.96
PDY9KL	0.76	-0.94	1.13	0.22	-0.74	1.57	0.30	-1.65	1.46	0.20	-0.71	0.41
PR3FGH	0.74	-1.10	0.22	0.21	-1.01	0.00	0.30	-1.52	0.40	0.20	-0.62	0.72
PRZ3XF	0.83	-0.03	0.32	0.22	-0.38	0.42	0.35	0.04	0.48	0.21	-0.53	0.48
QDXTU7	0.95	1.36	0.18	0.25	0.67	0.07	0.38	1.09	0.04	0.23	0.36	0.08
QJFDMK	0.78	-0.71	0.29	0.31	3.21X	0.71	0.47	3.91X	0.79	0.28	2.04	0.72
RCLDZ6	0.99	1.85	0.44	0.27	1.73	0.14	0.40	1.60	0.17	0.25	1.17	0.03
RFGAGJ	0.82	-0.13	1.85	0.22	-0.40	0.21	0.35	0.10	0.32	0.22	0.05	0.57
RFY6YK	0.80	-0.45	0.35	0.23	-0.20	0.21	0.34	-0.21	0.45	0.20	-0.67	0.38
RZTUJE	0.75	-1.06	0.79	0.22	-0.39	0.67	0.33	-0.53	0.81	0.24	0.72	0.54
TPPYZA	0.83	-0.08	0.37	0.22	-0.36	0.01	0.35	-0.12	0.06	0.20	-0.63	0.02
UC77JD	0.84	0.03	0.22	0.25	0.58	0.62	0.35	-0.11	0.40	0.23	0.49	0.72
UQAG4E	0.95	1.35	0.31	0.28	2.15	0.19	0.41	1.88	0.21	0.24	0.73	0.91
VF4VGC	0.86	0.31	0.38	0.23	0.00	0.62	0.35	0.00	0.00	0.21	-0.49	0.72
WHBJK9	0.86	0.27	0.79	0.23	0.00	2.49	0.36	0.22	2.42	0.20	-0.86	0.72
XN8PNA	0.97	1.64	1.00	0.28	2.02	1.08	0.40	1.63	0.00	0.31	3.20	0.72
YLH377	0.51	-3.93X	0.76	0.22	-0.43	0.62	0.65	9.90X	1.74	0.81	21.90X	3.12
Z6UVYZ	0.76	-0.95	1.76	0.23	-0.16	1.15	0.31	-1.47	1.60	0.23	0.42	0.57
ZY73X9	0.80	-0.48	1.84	0.23	-0.17	0.54	0.35	-0.07	1.78	0.21	-0.28	0.68



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	0.83	0.23	0.35	0.22
Median Abs Dev	0.04	0.01	0.01	0.02
Avg Within Lab SD	0.03	0.01	0.01	0.01
Labs Included	44	45	44	45
Labs Reporting	47	47	47	47



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2K2EBX	0.143	-3.17	0.33	0.065	-1.32	0.20	0.004	-0.64	0.00	0.013	-0.41	0.00
3269HX	0.197	-0.29	1.10	0.074	-0.36	1.79	0.010	0.74	0.00	0.016	-0.02	2.33
4L6ZL3	2,002.667	394.00X	543.22	769.600	745.64X	872.76	20.367	674.66X	234.66	117.267	377.71X	190.62
4NDY9W	0.183	-1.06	0.40	0.066	-1.22	0.53	0.000	-1.45	0.05	0.001	-2.18	0.08
4VRYD9	4.012	204.34X	6.87	1.651	156.88X	41.61	0.215	47.87X	15.09	0.430	61.44X	6.83
6DQDDY	0.202	0.00	0.85	0.075	-0.30	1.05	0.004	-0.71	0.04	0.014	-0.32	0.09
6JDA6V	0.085	-6.31X	0.33	0.033	-4.51X	0.20	0.002	-1.17	0.30	0.006	-1.45	0.00
733YM2	0.228	1.36	0.74	0.103	2.52	2.98	0.012	1.27	1.14	0.029	2.01	0.60
7UQT2W	0.197	-0.31	0.40	0.077	-0.08	0.24				0.015	-0.12	0.47
7Y72PW	0.215	0.69	1.64	0.099	2.13	1.57	0.025	4.26X	1.50	0.034	2.65	1.19
8F8HX2	0.183	-1.02	1.82	0.067	-1.12	2.01	0.015	1.89	3.68	0.010	-0.86	0.00
9MZAJZ	0.200	-0.11	1.49	0.078	0.00	0.77	0.004	-0.55	0.09	0.015	-0.10	0.14
A2KXJQ	0.207	0.23	0.91	0.080	0.21	0.00	0.010	0.74	0.00	0.023	1.12	2.72
AXWDNU	0.214	0.62	1.09	0.083	0.51	0.51	0.006	-0.27	0.05	0.015	-0.09	0.24
BYNV3Z	0.203	0.05	0.91	0.080	0.21	0.00	0.010	0.74	0.00	0.020	0.62	0.00
EBVTPR	0.168	-1.83	0.24	0.066	-1.19	0.35	0.008	0.20	0.30	0.016	0.03	0.00
ERFJNR	0.210	0.41	0.00	0.080	0.21	0.00	0.010	0.74	0.00	0.020	0.62	0.00
F3NREN	0.215	0.70	2.66	0.082	0.40	1.38	0.005	-0.45	0.09	0.015	-0.18	0.57
FKQJLJ	0.206	0.19	0.88									
HBYR9P	0.189	-0.71	0.28	0.073	-0.52	0.75	0.009	0.52	3.16	0.017	0.25	1.64
J73FRK	0.188	-0.75	0.33	0.083	0.54	0.53	0.006	-0.25	0.79	0.014	-0.26	0.47
KWRD7J	0.210	0.41	1.58	0.081	0.27	1.32	0.006	-0.18	1.88	0.015	-0.17	0.98
KZQV3Q	0.215	0.65	0.13	0.077	-0.12	0.26	0.005	-0.30	0.17	0.015	-0.06	0.05
LH6PCC	0.174	-1.51	1.13	0.062	-1.62	0.40				0.012	-0.56	0.52
MAAYEH	0.177	-1.38	0.31	0.060	-1.81	0.27	0.007	0.00	0.10	0.016	0.04	0.11
MNRZYE	0.213	0.59	1.82	0.087	0.87	2.01	0.010	0.74	0.00	0.020	0.62	0.00



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PR3FGH	0.200	-0.13	0.00	0.070	-0.79	0.00	0.003	-0.87	0.00	0.010	-0.86	0.00	
PRZ3XF	0.201	-0.05	0.29	0.074	-0.37	0.37	0.006	-0.18	0.00	0.017	0.25	0.09	
QDXTU7	0.238	1.92	0.19	0.094	1.64	0.37	0.005	-0.50	0.32	0.016	0.02	0.00	
QJFDMK	0.187	-0.82	0.04	0.068	-0.96	0.53	0.007	0.11	0.27	0.039	3.41	0.21	
RCLDZ6	0.223	1.08	0.58	0.082	0.43	0.22	0.004	-0.58	0.00	0.015	-0.14	0.01	
RFGAGJ	0.202	0.00	1.56	0.079	0.09	0.37	0.015	1.91	0.94	0.027	1.69	0.40	
RFY6YK	0.198	-0.26	0.33	0.076	-0.15	0.22	0.010	0.70	0.08	0.022	0.97	2.37	
RZTUJE	0.205	0.15	0.99	0.083	0.46	0.82	0.006	-0.25	0.23	0.017	0.16	0.54	
TPPYZA	0.192	-0.58	0.19	0.072	-0.61	0.28	0.008	0.23	0.16	0.018	0.27	0.10	
UC77JD	0.210	0.41	0.00	0.080	0.21	0.00	0.010	0.74	0.00	0.020	0.62	0.00	
VF4VGC	0.208	0.29	0.27	0.079	0.11	0.18							
WHBJK9	0.193	-0.49	0.91	0.079	0.07	1.65	0.012	1.12	1.50	0.023	1.12	3.14	
XN8PNA	870.964	699.75X	338.11	471.405	006.15X	921.86	73.110	784.59X	139.92	111.743	559.10X	493.34	
Z6UVYZ	0.060	-7.62X	1.43	0.030	-4.75X	1.41	0.012	1.20	0.52	0.016	-0.02	0.27	
ZY73X9	0.204	0.07	1.34	0.076	-0.19	0.92	0.005	-0.33	0.30	0.016	-0.02	0.72	

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2405		SRB2406		SRB2408	
Grand Median	0.20		0.078		0.016	
Median Abs Dev	0.01		0.004		0.002	
Avg Within Lab SD	0.01		0.003		0.002	
Labs Included	36		35		36	
Labs Reporting	41		40		39	



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AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	173.3	-0.04	0.14	82.9	0.03	0.82	38.3	-0.36	1.21	69.7	-0.04	0.79
4L6ZL3	249.3	1.36	0.13	121.3	1.63	0.08	58.8	0.81	0.11	95.9	1.05	0.11
4NDY9W	164.3	-0.20	0.07	80.4	-0.07	0.37	41.8	-0.16	0.13	63.9	-0.28	0.79
4VRYD9	621.3	8.20X	4.18	354.4	11.30X	6.19	174.0	7.40X	2.01	232.0	6.76X	5.54
6DQDDY	172.4	-0.05	0.32	76.6	-0.23	0.63	42.2	-0.14	0.50	71.7	0.04	0.22
8F8HX2	172.1	-0.06	1.76	64.2	-0.74	2.06	35.5	-0.53	2.52	90.1	0.81	2.22
9MZAJZ	278.0	1.89	0.51	118.0	1.49	1.04	67.1	1.28	1.32	102.6	1.34	1.16
A2KXJQ	159.0	-0.30	0.40	74.3	-0.32	0.11	39.3	-0.31	0.18	65.0	-0.24	
AXWDNU	211.0	0.66	0.68	91.4	0.39	0.85	49.0	0.25	0.47	68.9	-0.07	1.00
BYNV3Z	345.0	3.12X	2.19	166.1	3.49X	3.27	72.1	1.57	1.10	122.7	2.18	1.22
EBVTPR	186.2	0.20	0.29	80.3	-0.07	0.17	65.2	1.17	2.16	72.0	0.06	0.68
ERFJNR	120.7	-1.00	0.84	65.3	-0.69	0.69	30.0	-0.84	0.31	55.3	-0.64	0.92
F3NREN	161.7	-0.25	1.51	75.4	-0.28	1.14	37.1	-0.43	1.11	57.5	-0.55	1.07
J73FRK	166.7	-0.16	0.51	47.0	-1.45	0.39	45.7	0.06	1.01	63.3	-0.31	0.63
KZQV3Q	177.8	0.04	0.61	83.2	0.05	0.44	45.5	0.05	0.35	66.8	-0.16	0.38
MAAYEH	265.8	1.66	0.85	111.1	1.21	0.95	73.5	1.65	1.44	86.2	0.65	1.15
MNRZYE	104.7	-1.30	0.89	52.3	-1.23	0.69	25.0	-1.13	0.31	41.3	-1.23	0.46
PR3FGH	167.5	-0.14	1.44	69.6	-0.52	0.47	31.7	-0.74	0.25	59.7	-0.46	0.19
PRZ3XF	193.4	0.33	0.24	82.1	0.00	0.38	43.8	-0.05	0.75	106.8	1.51	0.88
QDXTU7	256.8	1.50	0.66	106.6	1.02	0.59	57.8	0.75	0.36	83.3	0.53	0.32
RFGAGJ	219.0	0.80	3.36	84.9	0.12	3.07	60.4	0.90	1.96	90.1	0.81	0.76
RFY6YK	126.2	-0.90	0.41	58.0	-1.00	0.14	33.6	-0.64	0.11	44.5	-1.10	0.99
RZTUJE	259.1	1.54	0.73	142.8	2.52	1.38	66.4	1.24	0.35	112.3	1.74	2.40
TPPYZA	244.4	1.27	0.88	98.9	0.70	1.14	62.6	1.02	0.33	80.2	0.40	1.27
UC77JD	139.7	-0.66	0.06	70.7	-0.47	0.11	34.7	-0.57	0.18	52.3	-0.77	0.35
UQAG4E	204.9	0.54	0.47	86.6	0.19	0.32	50.7	0.34	0.67	72.1	0.06	0.62



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AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg
SRB2405				SRB2406			SRB2407			SRB2408		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
VF4VGC	175.3	0.00	0.34	92.9	0.45	0.87	35.0	-0.56	0.24	59.1	-0.49	0.29

AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2405		SRB2406		SRB2407	SRB2408
Grand Median	175.3		82.1		44.7	70.7
Median Abs Dev	29.5		11.4		10.6	12.9
Avg Within Lab SD	9.0		5.1		3.2	3.3
Labs Included	25		25		26	26
Labs Reporting	27		27		27	27



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	73.0	-0.14	0.10	28.0	0.00	0.29	4.8	0.30	0.16	61.1	-0.03	0.56
2K2EBX	50.6	-3.29X	0.36	23.4	-1.39	0.17	5.4	0.61	0.09	55.4	-1.12	0.31
3269HX	73.0	-0.14	0.44	29.4	0.44	0.95	5.0	0.39	0.73	59.0	-0.42	0.44
43FCM9	79.5	0.77	0.44	31.3	1.01	0.49	5.0	0.39	0.36	64.7	0.66	0.16
4L6ZL3	71.3	-0.38	0.52	28.3	0.11	0.65	4.0	-0.13	0.06	58.7	-0.49	0.28
4NDY9W	75.2	0.16	0.38	29.9	0.58	0.55	4.6	0.18	0.68	63.8	0.49	0.03
4VRYD9	74.8	0.12	1.52	19.4	-2.58	0.03	10.7	3.48	0.30	72.4	2.16	0.13
6DQDDY	76.3	0.32	0.33	30.4	0.73	0.75	4.7	0.22	0.27	64.1	0.55	0.57
6JDA6V	97.8	3.34X	0.51	40.0	3.62X	0.48	8.9	2.53	0.42	81.0	3.82X	0.05
733YM2	78.1	0.57	0.85	27.2	-0.23	0.66	1.4	-1.53	0.55	64.4	0.62	0.95
7UQT2W	75.5	0.22	0.14	29.5	0.47	0.14	6.3	1.10	0.11	62.2	0.18	0.18
7Y72PW	67.5	-0.91	0.72	26.4	-0.47	1.52	2.9	-0.74	0.66	54.6	-1.28	1.89
8F8HX2	67.2	-0.96	0.48	25.0	-0.90	0.32	3.1	-0.64	0.30	57.7	-0.68	0.66
9MZAJZ	74.0	0.00	0.37	30.3	0.70	0.32	3.6	-0.36	0.56	63.1	0.37	0.54
A2KXJQ	76.0	0.28	0.87	26.0	-0.59	2.70	2.7	-0.87	0.64	62.3	0.21	2.12
AXWDNU	75.6	0.22	0.51	29.9	0.58	0.32	4.6	0.20	0.17	62.9	0.32	0.90
BYNV3Z	72.2	-0.25	1.01	27.5	-0.15	1.27	3.7	-0.29	0.45	59.5	-0.33	0.48
EBVTPR	64.6	-1.32	0.37	26.1	-0.56	0.43	8.4	2.22	1.10	59.3	-0.38	0.68
ERFJNR	79.7	0.80	0.19	30.3	0.71	0.52	4.0	-0.15		66.3	0.99	0.30
F3NREN	79.1	0.71	0.89	30.1	0.64	1.61	3.8	-0.27	0.23	63.8	0.49	1.63
FKQJLJ	78.8	0.68	2.99	27.9	-0.03	2.72	9.7	2.93	1.40	65.5	0.82	2.51
GWYTKT	76.4	0.34	0.53	30.7	0.81	0.60	4.5	0.12	0.56	61.4	0.03	0.69
J73FRK	62.0	-1.68		24.7	-0.99	0.52	4.0	-0.15		54.0	-1.40	0.52
KWRD7J	80.7	0.94	0.50	28.3	0.11	2.60	4.3	0.00	0.52	62.3	0.21	2.89
KZQV3Q	79.9	0.83	0.19	29.6	0.50	0.24	4.0	-0.12	0.35	64.0	0.54	0.32
LH6PCC	75.8	0.25	0.74	30.8	0.84	1.45	3.9	-0.21	0.20	62.1	0.16	0.60



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B (SubTestCode 219) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MAAYEH	72.4	-0.22	0.26	28.5	0.17	0.20	4.3	0.00	0.05	60.8	-0.08	0.11	
MNRZYE	57.0	-2.39	1.39	22.2	-1.73	0.69	3.3	-0.51	0.72	48.6	-2.44	0.93	
NXBQYC	70.8	-0.45	0.31	26.9	-0.31	0.34	4.4	0.09	0.13	59.3	-0.38	0.94	
PDY9KL	74.8	0.12	1.30	25.7	-0.69	0.54	6.0	0.93	0.34	56.2	-0.97	0.95	
PR3FGH	66.3	-1.09	0.17	22.6	-1.60	0.20	0.3	-2.18	0.05	54.5	-1.30	0.76	
PRZ3XF	72.8	-0.17	0.28	27.6	-0.10	0.33	4.1	-0.10	0.46	61.1	-0.03	0.35	
QDXTU7	94.3	2.85	0.14	34.4	1.94	0.08	3.4	-0.47	0.09	76.0	2.86	0.35	
RCLDZ6	57.0	-2.38	3.51	9.9	-5.43X	8.83	0.1	-2.26	0.00	51.7	-1.85	1.61	
RFGAGJ	71.3	-0.38	1.75	27.0	-0.28	0.22	4.8	0.26	1.52	59.2	-0.40	0.32	
RFY6YK	71.0	-0.43	0.28	27.7	-0.08	0.16	3.8	-0.24	0.08	60.9	-0.07	0.67	
RZTUJE	75.2	0.17	0.30	28.9	0.29	0.37	4.1	-0.09	1.50	64.1	0.55	1.44	
TPPYZA	69.1	-0.69	0.20	28.0	0.00	0.32	4.7	0.26	0.06	58.9	-0.44	0.29	
UC77JD	76.0	0.28	0.33	30.7	0.81	0.52	4.7	0.21	0.64	64.3	0.60	0.30	
UQAG4E	79.8	0.82	0.18	30.7	0.83	0.44	4.1	-0.09	0.11	62.2	0.19	1.06	
VF4VGC	75.7	0.23	0.11	31.7	1.12	0.09	5.7	0.77	0.15	64.8	0.68	0.56	
WHBJK9	66.3	-1.08	0.50	25.0	-0.89		4.6	0.18	0.19	55.3	-1.15	0.33	
XN8PNA	73.2	-0.11	0.56	26.7	-0.39	0.76	3.7	-0.30	0.15	59.0	-0.44	0.23	
Z6UVYZ	62.9	-1.56	1.32	31.7	1.13	2.04	17.7	7.30X	0.53	60.5	-0.15	1.35	
ZY73X9	69.6	-0.61	1.44	26.3	-0.50	0.94	5.4	0.61	5.37	62.1	0.16	0.90	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	74.0	28.0	4.27	61.2	
Median Abs Dev	3.0	1.9	0.54	2.5	
Avg Within Lab SD	3.0	1.1	0.90	1.9	
Labs Included	43	43	44	44	
Labs Reporting	45	45	45	45	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	32.2	0.22	0.39	35.0	-0.14	0.11	26.4	0.83	0.15	57.5	0.14	0.09
2K2EBX	17.5	-4.26X	0.49	24.6	-3.35X	0.30	22.5	-0.63	0.52	38.7	-4.10X	0.15
3269HX	30.9	-0.17	0.83	32.2	-1.01	1.15	22.7	-0.56	0.33	53.2	-0.84	0.52
43FCM9	35.0	1.09	0.25	40.6	1.57	0.43	25.0	0.28	0.17	60.3	0.76	0.34
4L6ZL3	31.3	-0.06	0.40	36.5	0.31	0.14	26.4	0.82	0.20	57.9	0.21	0.09
4NDY9W	29.2	-0.69	0.52	34.1	-0.45	0.09	19.4	-1.76	0.57	55.7	-0.27	0.18
4VRYD9	44.5	3.96X	2.21	63.7	8.70X	0.73	55.7	11.68X	0.69	94.7	8.48X	0.22
6DQDDY	31.7	0.08	0.45	34.6	-0.28	0.53	23.3	-0.34	0.13	56.3	-0.13	0.32
6JDA6V	39.6	2.47	0.71	44.7	2.83	0.28	29.4	1.94	0.51	71.2	3.21	0.27
733YM2	31.3	-0.06	2.67	31.6	-1.20	0.85	21.5	-0.98	0.31	56.1	-0.19	0.91
7UQT2W	31.5	0.00	0.12	34.4	-0.35	0.11	22.2	-0.75	0.10	54.5	-0.53	0.11
7Y72PW	27.8	-1.12	0.89	35.6	0.04	3.23	24.5	0.11	0.98	48.9	-1.79	1.42
8F8HX2	32.8	0.42	0.96	35.4	-0.03	0.46	23.8	-0.15	0.43	56.8	-0.03	0.43
9MZAJZ	31.2	-0.09	0.52	35.3	-0.06	0.44	22.9	-0.49	0.16	57.7	0.17	0.52
A2KXJQ	30.3	-0.34	0.32	36.0	0.16	0.53	22.7	-0.56	0.28	54.0	-0.65	0.30
AXWDNU	32.3	0.24	0.50	37.0	0.46	0.30	23.7	-0.17	0.11	56.6	-0.07	0.51
BYNV3Z	32.8	0.41	0.97	35.4	-0.04	0.93	25.3	0.41	1.28	57.0	0.02	0.76
EBVTPR	29.4	-0.62	0.40	33.2	-0.71	0.14	22.9	-0.49	0.03	53.6	-0.74	0.05
ERFJNR	33.0	0.47		36.3	0.26	0.31	25.0	0.30		57.7	0.17	0.17
F3NREN	31.4	-0.02	0.56	35.6	0.03	0.62	23.4	-0.30	0.52	54.0	-0.65	0.29
FKQJLJ	32.9	0.45	1.58	34.9	-0.19	1.59	24.8	0.22	1.06	56.0	-0.20	1.05
GWYTKT	33.4	0.58	0.79	39.6	1.26	1.10	26.3	0.80	0.36	60.4	0.78	1.01
HBYR9P	55.0	7.14X	13.49	38.6	0.96	2.97	23.7	-0.17	1.97	56.8	-0.02	0.94
J73FRK	29.0	-0.75	0.56	33.3	-0.67	0.31	23.0	-0.44		53.0	-0.88	0.30
KWRD7J	37.0	1.68	1.32	40.8	1.65	2.80	27.0	1.04	1.23	60.9	0.89	1.92
KZQV3Q	35.2	1.15	0.06	38.1	0.82	0.11	25.4	0.45	0.10	59.5	0.58	0.12



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LH6PCC	29.3	-0.66	0.42	36.0	0.16	1.13	22.9	-0.48	0.35	53.0	-0.89	0.14
MAAYEH	33.1	0.51	0.52	37.7	0.67	0.35	24.2	0.00	0.06	58.4	0.32	0.02
MNRZYE	34.3	0.87	1.17	40.0	1.39	0.53	28.0	1.41	0.99	61.7	1.07	0.17
NXBQYC	31.0	-0.14		35.3	-0.05	0.31	23.3	-0.32	0.28	55.7	-0.28	0.46
PDY9KL	38.1	2.01	0.53	36.6	0.34	1.05	30.0	2.16	0.38	60.4	0.78	0.26
PR3FGH	30.0	-0.45	0.03	34.1	-0.42	0.05	21.9	-0.83	0.05	55.1	-0.40	0.12
PRZ3XF	30.0	-0.44	0.13	33.1	-0.74	0.16	22.0	-0.81	0.07	54.7	-0.51	0.09
QDXTU7	34.6	0.96	0.26	38.5	0.92	0.14	27.2	1.10	0.74	60.8	0.86	0.18
QJFDMK	33.0	0.47	0.56	37.2	0.52	0.41	25.2	0.37	0.30	59.2	0.52	0.13
RCLDZ6	39.1	2.32	0.13	43.4	2.43	0.10	30.2	2.22	0.11	65.4	1.90	0.00
RFGAGJ	25.4	-1.85	1.06	29.4	-1.87	0.37	19.1	-1.88	0.21	52.4	-1.01	0.38
RFY6YK	30.8	-0.19	0.28	36.4	0.26	0.05	23.6	-0.21	0.16	57.0	0.02	0.20
RZTUJE	30.1	-0.43	0.13	32.6	-0.89	0.19	25.3	0.42	0.18	53.2	-0.83	0.67
TPPYZA	31.4	-0.03	0.20	35.4	-0.03	0.21	24.4	0.06	0.05	57.2	0.07	0.18
UC77JD	32.7	0.36	0.32	37.7	0.67	0.31	25.0	0.30		59.3	0.54	0.17
UQAG4E	33.1	0.51	0.16	38.6	0.97	0.17	25.9	0.63	0.31	57.0	0.02	0.35
VF4VGC	40.9	2.86	0.34	39.8	1.33	0.28	23.6	-0.20	0.20	64.1	1.62	0.25
WHBJK9	30.7	-0.24	1.17	35.3	-0.05	0.81	27.0	1.04	3.42	55.0	-0.42	0.30
XN8PNA	30.3	-0.36	0.25	34.7	-0.26	0.63	24.3	0.05	0.12	51.8	-1.15	0.19
YLH377	33.8	0.70	0.51	34.8	-0.23	1.09	23.1	-0.41	1.68	57.8	0.19	0.78
Z6UVYZ	29.3	-0.67	4.25	33.5	-0.63	1.81	26.4	0.80	3.99	41.5	-3.47	5.66
ZY73X9	31.0	-0.15	1.01	33.1	-0.75	1.11	21.6	-0.97	0.59	57.9	0.21	0.40



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Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	31.5	35.5	24.2	56.9	
Median Abs Dev	1.5	1.6	1.3	2.4	
Avg Within Lab SD	1.8	1.9	2.0	3.3	
Labs Included	45	46	47	46	
Labs Reporting	48	48	48	48	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	82.1	-0.04	0.04	65.5	0.25	0.13	59.5	0.18	0.05	26.1	0.55	0.28
2K2EBX	57.9	-3.76X	0.12	54.2	-1.76	0.28	57.3	-0.41	0.19	21.1	-1.90	0.34
3269HX	74.3	-1.23	1.76	55.5	-1.52	2.33	50.9	-2.16	2.34	21.4	-1.77	1.44
43FCM9	92.7	1.60	0.59	73.1	1.59	0.56	63.1	1.14	0.25	26.5	0.72	0.48
4L6ZL3	82.3	0.00	0.21	65.7	0.28	0.30	60.5	0.45	0.14	23.7	-0.63	0.21
4NDY9W	79.6	-0.42	0.29	64.7	0.10	0.09	58.6	-0.07	0.11	24.1	-0.46	0.89
4VRYD9	195.8	17.48X	1.06	122.7	10.39X	9.37	142.9	22.79X	2.30	59.2	16.72X	2.10
6DQDDY	85.5	0.50	0.48	65.9	0.32	0.85	60.6	0.48	0.26	25.8	0.39	0.73
6JDA6V	79.9	-0.37	0.29	63.6	-0.10	0.04	59.0	0.04	0.27	24.4	-0.28	0.12
733YM2	77.6	-0.73	0.62	57.8	-1.12	1.20	54.6	-1.16	1.11	23.5	-0.76	2.01
7UQT2W	77.7	-0.70	0.09	60.7	-0.61	0.24	58.6	-0.07	0.15	23.6	-0.69	0.27
7Y72PW	74.7	-1.17	0.37	60.3	-0.67	0.67	58.1	-0.21	0.58	23.8	-0.61	1.38
8F8HX2	77.7	-0.71	1.01	59.7	-0.79	0.93	57.5	-0.38	0.78	24.3	-0.37	1.57
9MZAJZ	82.5	0.03	0.17	65.4	0.23	0.50	61.2	0.64	0.46	26.2	0.58	0.76
A2KXJQ	84.7	0.36	0.44	65.3	0.21	0.25	60.3	0.40	0.23	25.7	0.32	0.79
AXWDNU	88.3	0.92	0.66	71.0	1.22	0.52	61.5	0.73	0.24	26.2	0.58	1.12
BYNV3Z	81.8	-0.08	0.49	63.0	-0.21	0.42	58.1	-0.20	0.48	25.2	0.07	0.44
EBVTPR	71.0	-1.74	0.20	56.1	-1.42	0.22	55.0	-1.06	0.14	24.7	-0.15	0.36
ERFJNR	88.3	0.93	0.17	68.7	0.80	0.66	64.7	1.58	0.23	27.7	1.30	0.79
F3NREN	84.1	0.28	1.15	64.9	0.14	2.23	59.5	0.18	1.92	24.2	-0.41	2.34
FKQJLJ	85.8	0.54	1.03	63.9	-0.03	1.76	61.2	0.64	0.77	25.6	0.27	1.58
GWYTKT	85.9	0.55	0.25	67.7	0.64	0.54	62.0	0.86	0.50	25.7	0.35	1.01
HBYR9P	77.1	-0.80	1.02	61.1	-0.53	0.61	58.9	0.00	0.55	22.8	-1.07	0.32
J73FRK	71.3	-1.69	0.17	58.0	-1.09	0.43	54.7	-1.14	0.23	22.3	-1.31	0.79
KWRD7J	93.2	1.68	0.45	67.2	0.54	3.80	61.1	0.61	3.93	26.4	0.68	2.96
KZQV3Q	88.9	1.01	0.12	67.7	0.64	0.29	63.2	1.19	0.13	26.0	0.50	0.34



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LH6PCC	84.2	0.30	0.64	67.5	0.60	1.69	59.8	0.26	0.44	25.2	0.07	0.55
MAAYEH	83.7	0.21	0.26	65.8	0.30	0.35	59.2	0.10	0.22	25.7	0.32	0.20
MNRZYE	86.3	0.62	1.45	69.7	0.98	1.09	66.3	2.03	1.02	27.0	0.97	
NXBQYC	82.0	-0.05		62.7	-0.26	0.25	58.7	-0.05	0.62	25.0	-0.01	1.37
PDY9KL	78.8	-0.54	0.81	59.4	-0.84	0.40	51.9	-1.90	1.29	20.9	-2.00	0.61
PR3FGH	84.0	0.26	0.09	64.4	0.04	0.22	58.4	-0.12	0.52	21.3	-1.81	0.16
PRZ3XF	81.5	-0.13	0.21	62.1	-0.36	0.36	58.9	0.00	0.21	25.0	0.00	0.51
QDXTU7	92.4	1.55	0.10	70.9	1.20	0.22	65.4	1.76	0.06	27.2	1.07	0.25
QJFDMK	82.5	0.03	0.11	62.8	-0.24	0.12	58.8	-0.01	0.28	24.9	-0.03	0.47
RCLDZ6	94.8	1.92	0.20	73.0	1.57	0.11	66.7	2.13	0.33	28.5	1.73	0.25
RFGAGJ	78.2	-0.63	3.60	53.9	-1.81	0.32	51.8	-1.92	0.29	12.5	-6.12X	0.30
RFY6YK	79.4	-0.45	0.32	64.3	0.03	0.13	59.7	0.22	0.38	24.8	-0.10	0.49
RZTUJE	108.5	4.04X	0.37	84.0	3.52X	0.30	81.5	6.14X	0.23	34.0	4.41X	2.81
TPPYZA	75.7	-1.01	0.13	58.6	-0.98	0.83	56.8	-0.57	0.25	23.1	-0.95	0.98
UC77JD	85.7	0.52	0.17	67.7	0.63	0.25	62.3	0.94	0.23	26.3	0.64	0.79
UQAG4E	81.1	-0.18	0.15	62.7	-0.26	0.21	57.6	-0.33	0.18			
VF4VGC	83.7	0.22	0.32	68.4	0.76	0.33	62.2	0.92	0.19	25.6	0.30	0.63
WHBJK9	77.0	-0.82	0.76	60.0	-0.73	0.43	57.0	-0.50	0.41	23.6	-0.69	0.73
XN8PNA	77.0	-0.81	0.59	58.4	-1.02	0.61	58.4	-0.14	0.42	23.1	-0.94	0.13
YLH377	77.5	-0.73	0.16	61.4	-0.49	0.43	56.6	-0.62	0.69	25.3	0.12	0.75
Z6UVYZ	89.7	1.14	3.82	68.4	0.76	2.22	57.0	-0.51	2.26	36.4	5.59X	19.86
ZY73X9	83.2	0.13	1.30	62.1	-0.35	0.72	58.7	-0.04	2.63	26.1	0.53	1.07



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Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	82.3	64.1	58.9	25.0	
Median Abs Dev	3.6	3.5	1.8	1.2	
Avg Within Lab SD	3.5	2.3	2.5	0.7	
Labs Included	45	46	46	43	
Labs Reporting	48	48	48	47	



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	276.3	0.00	0.16	154.0	0.09	0.33	131.0	0.10	0.53	95.3	-0.08	0.29
2K2EBX	177.4	-2.66X	0.09	114.1	-1.49	0.09	112.4	-1.20	0.14	86.4	-0.80	1.46
3269HX	268.6	-0.21	0.28	139.3	-0.49	0.24	115.2	-1.00	0.76	100.9	0.37	2.32
43FCM9	302.4	0.70	0.59	164.0	0.49	0.68	134.3	0.33	0.16	100.6	0.35	0.35
4L6ZL3	281.2	0.13	0.12	154.8	0.13	0.01	127.1	-0.17	0.13	59.6	-2.97	0.13
4NDY9W	265.7	-0.29	0.17	161.1	0.38	0.13	125.7	-0.27	0.25	95.1	-0.10	0.36
4VRYD9	714.5	11.79X	1.02	369.2	8.65X	4.55	386.3	17.94X	6.16	302.7	16.72X	1.92
6DQDDY	289.2	0.35	0.59	149.1	-0.10	1.08	132.2	0.18	0.58	96.3	0.00	0.38
6JDA6V	313.8	1.01	0.34	177.9	1.04	0.42	151.1	1.51	0.33	106.5	0.83	0.35
733YM2	222.8	-1.44	0.68	131.7	-0.79	2.63	104.5	-1.75	1.12	79.4	-1.36	0.59
7UQT2W	290.7	0.39	0.49	155.7	0.16	0.28	136.0	0.45	0.18	109.7	1.08	0.64
7Y72PW	218.0	-1.57	0.46	114.4	-1.48	0.80	115.7	-0.97	0.73	85.0	-0.92	0.18
8F8HX2	247.1	-0.79	0.51	124.6	-1.07	0.55	117.7	-0.83	0.64	88.2	-0.65	0.65
9MZAJZ	303.7	0.74	0.78	171.0	0.77	0.78	126.7	-0.20	0.84	102.7	0.52	0.39
A2KXJQ	257.7	-0.50	0.26	146.7	-0.20	0.13	127.0	-0.18	0.31	102.3	0.49	2.12
AXWDNU	294.3	0.48	1.21	158.0	0.25	0.80	130.0	0.03	0.18	99.4	0.26	0.10
BYNV3Z	298.3	0.59	1.05	173.5	0.87	1.94	134.3	0.33	0.50	105.9	0.78	1.57
EBVTPR	248.3	-0.75	0.47	145.3	-0.25	0.34	127.7	-0.13	0.44	105.3	0.73	1.14
ERFJNR	227.7	-1.31	0.88	108.7	-1.71	0.28	141.0	0.80	2.83	79.3	-1.37	1.30
F3NREN	326.5	1.35	2.62	186.2	1.37	0.89	129.6	0.00	1.16	106.0	0.79	1.42
FKQJLJ	224.3	-1.40	0.97	103.0	-1.93	0.61	112.7	-1.18	0.20	84.7	-0.93	0.26
GWYTKT	308.7	0.87	0.22	168.7	0.68	1.12	145.3	1.10	0.57	104.0	0.63	0.51
HBYR9P	287.9	0.31	0.34	162.5	0.43	1.46	153.7	1.69	2.55	98.2	0.15	1.03
J73FRK	258.3	-0.48	0.57	156.7	0.20	0.26	126.3	-0.23	0.62	89.3	-0.56	0.58
KWRD7J	318.7	1.14	0.63	154.3	0.11	2.47	131.7	0.15	3.51	102.0	0.46	2.63
KZQV3Q	269.9	-0.17	0.33	145.2	-0.25	0.06	129.8	0.02	0.26	96.8	0.05	0.40



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LH6PCC	258.8	-0.47	1.78	152.9	0.05	2.42	129.3	-0.02	0.72	92.5	-0.31	0.93
MAAYEH	297.4	0.57	0.65	167.2	0.62	0.41	142.0	0.87	0.18	105.3	0.74	0.08
MNRZYE	252.0	-0.66	2.96	142.3	-0.37	1.22	136.0	0.45	0.92	90.0	-0.51	
NXBQYC	243.7	-0.88	1.14	129.0	-0.90	1.31	111.7	-1.25	1.07	83.7	-1.02	2.30
PDY9KL	293.1	0.45	1.80	146.0	-0.22	1.87	149.9	1.42	0.41	97.2	0.07	0.68
PR3FGH	229.2	-1.27	0.07	114.7	-1.47	0.34	103.1	-1.85	0.01	77.0	-1.56	0.29
PRZ3XF	256.9	-0.52	0.11	130.6	-0.84	0.28	117.5	-0.84	0.30	89.0	-0.59	0.06
QDXTU7	310.3	0.91	0.18	171.3	0.78	0.93	134.2	0.32	0.18	98.3	0.16	0.21
RCLDZ6	329.7	1.44	0.54	165.0	0.53	0.00	152.1	1.58	0.95	108.0	0.95	0.09
RFGAGJ	265.9	-0.28	1.87	138.6	-0.52	0.50	125.6	-0.28	0.46	92.0	-0.35	0.64
RFY6YK	240.2	-0.97	0.66	122.6	-1.15	0.36	118.9	-0.75	0.92	89.3	-0.56	0.34
RZTUJE	276.6	0.01	0.82	155.7	0.16	1.02	134.9	0.37	0.17	98.8	0.21	1.66
TPPYZA	282.1	0.15	0.55	153.1	0.06	0.52	134.2	0.32	0.14	93.2	-0.25	0.27
UC77JD	260.0	-0.44	0.10	150.3	-0.05	0.17	133.7	0.29	0.27	106.7	0.84	0.39
UQAG4E	272.7	-0.10	0.40	144.3	-0.29	0.20	124.3	-0.37	0.26	89.5	-0.55	0.84
VF4VGC	285.3	0.24	1.77	144.3	-0.29	0.26	122.0	-0.53	0.31	93.6	-0.22	0.47
WHBJK9	213.3	-1.70	1.20	100.0	-2.05		106.7	-1.60	1.02	79.8	-1.33	0.84
XN8PNA	251.0	-0.68	0.78	137.0	-0.58	0.28	123.8	-0.40	0.56	86.6	-0.79	0.31
YLH377	277.4	0.03	1.09	178.5	1.07	0.63	155.9	1.84	0.92	115.5	1.56	1.20
Z6UVYZ	321.5	1.22	0.37	206.8	2.20	1.71	208.4	5.51X	2.55	167.7	5.78X	7.61
ZY73X9	291.0	0.39	0.99	153.0	0.05	0.33	132.3	0.19	1.96	103.0	0.54	0.51



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Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	276.3	151.6	129.6	96.3	
Median Abs Dev	21.1	12.7	5.8	6.9	
Avg Within Lab SD	9.6	9.0	5.7	3.9	
Labs Included	45	46	45	45	
Labs Reporting	47	47	47	47	



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2D4RD7	19.13	0.38	0.10	6.23	-0.04	0.20	4.33	0.78	0.34	27.03	0.48	0.25
2K2EBX	9.19	-3.80X	0.09	2.93	-4.26X	0.26	3.07	-1.07	0.83	16.51	-3.79X	0.11
3269HX	15.40	-1.19	0.85	5.23	-1.32	2.31	3.70	-0.15	2.52	24.40	-0.58	1.10
43FCM9	18.77	0.23	0.71	6.58	0.39	0.04	3.78	-0.03	0.36	26.45	0.25	0.49
4L6ZL3	16.47	-0.74	0.16	6.60	0.42	0.18	4.37	0.83	0.34	23.90	-0.79	0.12
4NDY9W	17.73	-0.21	0.10	5.84	-0.55	0.14	3.33	-0.70	0.44	26.43	0.24	0.18
4VRYD9	50.48	13.54X	13.14	15.33	11.55X	4.85	12.02	12.09X	4.36	51.35	10.35X	3.07
6DQDDY	18.40	0.07	0.35	6.19	-0.11	0.94	3.77	-0.05	0.03	25.94	0.04	0.63
6JDA6V	19.60	0.58	0.21	6.19	-0.11	0.22	3.35	-0.66	0.55	28.33	1.01	0.39
733YM2	17.16	-0.45	0.23	4.50	-2.26	1.75	3.24	-0.82	1.44	27.05	0.49	2.09
7UQT2W	18.03	-0.08	0.13	6.57	0.38	0.62	5.33	2.26	0.34	25.07	-0.31	0.18
7Y72PW	30.29	5.06	4.85	13.50	9.22X	3.53	8.91	7.52X	1.29	35.26	3.82	0.84
8F8HX2	16.10	-0.89	0.29	5.26	-1.29	1.35	3.42	-0.56	0.18	24.30	-0.62	0.32
9MZAJZ	18.23	0.00	0.43	5.99	-0.36	0.31	3.19	-0.90	0.01	24.43	-0.57	0.39
A2KXJQ	16.67	-0.66	0.74	5.33	-1.19	1.02	3.67	-0.20	1.28	23.67	-0.88	0.69
AXWDNU	17.90	-0.14	0.64	6.30	0.04	0.62	3.80	0.00	0.12	25.27	-0.23	0.85
BYNV3Z	19.67	0.60	1.52	7.33	1.36	3.21	5.60	2.65	3.52	27.00	0.47	2.54
EBVTPR	17.03	-0.50	0.21	6.12	-0.18	1.02	3.36	-0.64	0.12	24.23	-0.65	0.65
ERFJNR	18.67	0.18	0.37	6.00	-0.34		4.00	0.29		27.00	0.47	
F3NREN	19.59	0.57	0.23	6.32	0.07	0.51	3.82	0.03	0.50	26.28	0.18	1.10
FKQJLJ	20.13	0.80	1.63	5.79	-0.61	2.28	4.12	0.48	2.34	27.13	0.52	1.71
GWYTKT	18.43	0.09	0.32	6.60	0.42	1.16	3.50	-0.44		25.73	-0.04	0.80
HBYR9P	14.87	-1.41	0.13	3.63	-3.37	1.32	0.81	-4.39X	1.29	22.86	-1.21	0.32
J73FRK	16.67	-0.66	0.74	5.67	-0.77	1.02	3.33	-0.69	1.28	23.67	-0.88	0.69
KWRD7J	18.87	0.27	0.71	6.21	-0.07	1.37	3.86	0.09	1.34	25.73	-0.04	2.84
KZQV3Q	21.73	1.47	1.79	6.58	0.40	0.55	4.12	0.47	0.41	27.18	0.54	0.31



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LH6PCC	19.01	0.33	0.93	6.51	0.30	0.84	3.70	-0.15	0.12	25.74	-0.04	0.52
MAAYEH	21.21	1.25	0.45	7.34	1.36	0.45	4.27	0.69	0.45	28.07	0.91	0.15
MNRZYE	19.72	0.62	0.66	7.31	1.33	0.72	4.84	1.53	0.51	27.95	0.86	0.68
NXBQYC	16.70	-0.64	0.40	5.60	-0.85	0.99	3.67	-0.20	0.26	23.93	-0.77	1.31
PDY9KL	18.28	0.02	0.12	6.31	0.06	0.45	4.37	0.84	0.65	26.25	0.17	0.78
PR3FGH	16.79	-0.61	0.01	5.17	-1.40	0.19	3.02	-1.14	0.06	24.66	-0.48	0.05
PRZ3XF	17.84	-0.16	0.38	6.01	-0.33	0.65	3.71	-0.14	0.47	25.43	-0.17	0.46
QDXTU7	22.53	1.80	0.12	7.39	1.43	0.22	4.69	1.31	0.26	31.40	2.26	0.11
QJFDMK	17.08	-0.48	0.48	6.45	0.23	0.57	4.23	0.63	0.58	26.01	0.07	0.30
RCLDZ6	20.90	1.12	0.81	6.35	0.10	0.08	3.79	-0.01	0.72	28.08	0.91	0.02
RFGAGJ	14.29	-1.66	1.08	2.54	-4.75X	0.53	0.66	-4.62X	0.42	22.32	-1.43	0.75
RFY6YK	16.83	-0.59	0.12	5.72	-0.70	0.23	3.45	-0.52	0.12	25.07	-0.31	0.36
RZTUJE	18.02	-0.09	0.37	6.34	0.09	0.49	3.90	0.15	0.13	27.57	0.70	0.50
TPPYZA	18.33	0.04	0.12	6.70	0.55	0.04	4.52	1.07	0.31	25.67	-0.07	0.27
UC77JD	16.40	-0.77	0.13	6.37	0.13	0.10	4.47	0.98	0.13	23.20	-1.07	0.12
UQAG4E	21.05	1.19	0.75	7.64	1.75	0.75	4.88	1.59	0.30	28.26	0.98	1.59
VF4VGC	19.10	0.37	0.11	6.61	0.44	0.45				26.93	0.44	0.57
WHBJK9	17.67	-0.24	0.37	5.87	-0.51	0.27	3.90	0.15	0.59	24.79	-0.43	0.85
XN8PNA	18.23	0.00	0.32	6.48	0.27	0.21	4.35	0.80	0.05	25.62	-0.09	0.49
YLH377	14.37	-1.62	0.29	6.58	0.40	0.37	4.40	0.88	0.52	19.43	-2.60	0.66
Z6UVYZ	18.16	-0.03	1.29	5.98	-0.37	0.91	2.82	-1.44	1.76	26.05	0.08	2.45
ZY73X9	18.63	0.17	1.88	5.47	-1.02	1.04	3.80	0.00	1.17	27.97	0.86	1.13



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	18.2	6.27	3.80	25.8
Median Abs Dev	1.3	0.32	0.44	1.3
Avg Within Lab SD	1.6	0.56	0.45	0.8
Labs Included	46	44	43	46
Labs Reporting	48	48	47	48



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Mo (SubTestCode 224) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VRYD9	1.78	1.67	0.88	0.23	-1.08	0.26	1.20	0.99	0.24			
6DQDDY	1.37	0.23	0.13	0.44	0.04	0.11	0.89	0.06	0.04	0.31	0.17	0.18
7Y72PW	0.88	-1.46	0.25	0.31	-0.63	2.37	0.60	-0.80	1.44	0.09	-1.28	0.04
9MZAJZ	1.28	-0.07	0.09	0.45	0.10	0.05	0.85	-0.05	0.12	0.28	0.00	0.11
A2KXJQ	3.33	7.05X	1.28	3.33	15.06X	2.33	3.70	8.52X	1.60	2.20	12.85X	4.04
AXWDNU	1.46	0.54	0.19	0.49	0.26	0.05	0.93	0.19	0.07	0.32	0.21	0.11
EBVTPR	2.13	2.89X	1.40	1.19	3.94X	1.39	1.68	2.46	1.04	1.21	6.21X	0.93
F3NREN	1.37	0.25	0.67	0.50	0.34	0.26	0.88	0.05	0.62	0.37	0.61	0.53
J73FRK	1.37	0.23	0.29	0.73	1.55	0.47	1.10	0.70	0.60	0.53	1.67	2.06
KZQV3Q	1.38	0.29	0.55	0.52	0.44	1.26	1.09	0.66	0.75	0.23	-0.33	1.25
MAAYEH	1.14	-0.54	0.05	0.35	-0.45	0.05	0.78	-0.27	0.09	0.25	-0.23	0.05
NXBQYC	1.03	-0.93	1.55	0.29	-0.77	1.33	0.78	-0.26	2.30	0.22	-0.45	2.49
PR3FGH	1.04	-0.91	0.23	0.06	-1.94	0.00	0.04	-2.47	0.13	0.09	-1.30	0.54
QDXTU7	1.32	0.07	0.06	0.46	0.12	0.12	0.78	-0.27	0.03	0.26	-0.13	0.03
RFGAGJ	0.82	-1.65	0.91	0.10	-1.71	0.31	0.39	-1.42	0.67	0.21	-0.46	1.20
RFY6YK	1.05	-0.87	0.19	0.20	-1.20	0.34	0.63	-0.71	0.13	0.06	-1.50	0.11
RZTUJE	1.18	-0.40	0.07	0.37	-0.31	0.20	0.85	-0.05	0.19	0.29	0.06	0.15
TPPYZA	1.19	-0.38	0.62	0.43	-0.04	0.89	0.77	-0.30	0.12	0.35	0.42	1.42
UC77JD	1.35	0.17	0.05	0.47	0.20	0.17	1.10	0.70	0.12	0.40	0.80	0.08
VF4VGC							1.03	0.49				
ZY73X9	1.72	1.46	3.54	0.62	0.95	2.74	1.06	0.59	2.93	0.56	1.83	0.96



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	1.30	0.43	0.87	0.28	
Median Abs Dev	0.14	0.09	0.18	0.07	
Avg Within Lab SD	0.20	0.12	0.17	0.07	
Labs Included	18	18	20	17	
Labs Reporting	20	20	21	19	



ALP Program - Participant Web Summary Report - Cycle 54 - Summer 2024

P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	0.34	-1.13	1.22	0.33	-1.98	0.23	0.29	-1.89	0.65	0.13	-1.22	0.65	
9NGE9Q	0.34	-1.03	0.37	0.37	0.00	1.79	0.34	-0.87	0.00	0.14	-0.38	0.00	
HVQVVH	0.36	-0.37	0.32	0.36	-0.49	0.28	0.39	0.21	0.84	0.15	0.33	0.48	
PYJAFK	0.37	0.00	0.00	0.37	0.17	0.00	0.38	0.00	1.23	0.15	0.75	0.00	
QDHBTL	0.37	0.00	0.00	0.37	0.00	0.90	0.38	0.00	1.23	0.14	-0.38	0.00	
QRELHD	0.37	0.00	0.00	0.37	0.17	0.00	0.37	-0.20	1.23	0.14	0.00	2.45	
RZTUJE	0.43	2.20	2.30	0.40	1.90	1.69	0.46	1.55	1.16	0.16	1.67	0.57	

P (SubTestCode 225) in the Dry Ash Property Groups					Data units: Percent
	SRB2405		SRB2406		SRB2408
Grand Median	0.37		0.37		0.14
Median Abs Dev	0.01		0.00		0.00
Avg Within Lab SD	0.02		0.01		0.00
Labs Included	7		7		7
Labs Reporting	7		7		7



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K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VRYD9	2.37	-0.23	0.88	9.87	0.64	2.14	4.53	0.92	2.12	1.11	-0.45	2.00
9NGE9Q	2.33	-0.46	0.39	8.33	-0.87	0.38	3.50	-0.98	0.93	1.15	-0.07	0.46
HVQVVH	2.42	0.03	0.34	9.30	0.09	0.35	4.09	0.11	0.66	1.16	-0.02	0.49
JU4VZR	2.11	-1.61	0.40	7.92	-1.27	1.03	3.40	-1.18	1.02	1.02	-1.27	1.36
PYJAFK	2.41	-0.03	0.08	9.12	-0.09	0.12	3.89	-0.26	0.06	1.16	0.02	0.13
QDHBTL	2.46	0.23	0.20	9.13	-0.09	0.32	3.97	-0.11	0.88	1.21	0.48	0.13
QRELHD	2.68	1.40	0.08	9.94	0.71	0.15	4.26	0.42	0.13	1.32	1.44	0.46
RZTUJE	2.68	1.40	2.60	10.90	1.64	1.40	4.79	1.41	0.61	1.34	1.64	1.21

K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	2.41	9.22	4.03	1.16
Median Abs Dev	0.07	0.69	0.36	0.05
Avg Within Lab SD	0.07	0.24	0.09	0.04
Labs Included	8	8	8	8
Labs Reporting	8	8	8	8



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Ca (SubTestCode 227) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	6.88	14.54X	2.64	3.63	13.80X	5.75	0.88	8.49X	2.79	7.01	8.90X	7.19	
9NGE9Q	2.88	-0.60	0.71	1.33	-0.86	0.92	0.34	-0.92	1.18	3.29	-0.78	0.98	
HVQVVH	3.04	0.00	0.75	1.46	0.00	0.23	0.41	0.30	1.53	3.59	0.00	0.45	
JU4VZR	2.52	-1.95	0.49	1.22	-1.54	1.06	0.33	-1.18	1.39	2.83	-2.00	1.45	
PYJAFK	3.10	0.23	0.06	1.49	0.18	0.24	0.43	0.64	0.00	3.64	0.12	0.21	
QDHBTL	2.93	-0.41	0.12	1.38	-0.52	0.24	0.37	-0.46	0.68	3.43	-0.43	0.18	
QRELHD	3.24	0.76	0.27	1.47	0.05	0.42	0.39	0.00	0.68	3.79	0.52	0.37	
RZTUJE	3.24	0.77	2.37	1.71	1.57	2.16	0.46	1.22	0.63	3.92	0.86	1.88	

Ca (SubTestCode 227) in the Dry Ash Property Groups					Data units: Percent	
	SRB2405		SRB2406		SRB2407	
Grand Median	3.04		1.46		0.39	
Median Abs Dev	0.16		0.08		0.04	
Avg Within Lab SD	0.09		0.04		0.01	
Labs Included	7		7		7	
Labs Reporting	8		8		8	



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Mg (SubTestCode 228) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VRYD9	1.06	0.13	1.60	0.72	0.85	1.47	0.18	-0.04	0.90	0.36	0.96	0.65
9NGE9Q	0.91	-1.05	0.54	0.66	-0.11	0.00	0.18	0.00	0.00	0.36	1.02	0.00
HVQVVH	1.03	-0.12	1.72	0.67	0.00	0.41	0.19	0.50	1.11	0.32	-0.42	0.39
JU4VZR	0.88	-1.28	0.68	0.58	-1.53	0.75	0.15	-1.98	2.29	0.31	-1.01	1.01
PYJAFK	1.06	0.12	0.00	0.66	-0.11	0.00	0.18	0.00	0.00	0.33	0.00	0.81
QDHBTL	0.99	-0.44	0.27	0.68	0.23	0.00	0.17	-0.65	0.00	0.33	0.00	0.81
QRELHD	1.07	0.20	0.00	0.67	0.00	0.30	0.18	0.00	0.00	0.33	0.00	0.81
RZTUJE	1.31	2.06	1.29	0.82	2.56	2.24	0.21	2.22	0.85	0.38	1.98	2.11

Mg (SubTestCode 228) in the Dry Ash Property Groups

Data units: Percent

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	1.04	0.67	0.18	0.33
Median Abs Dev	0.04	0.01	0.00	0.02
Avg Within Lab SD	0.02	0.02	0.00	0.01
Labs Included	8	8	8	8
Labs Reporting	8	8	8	8



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Na (SubTestCode 229) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	0.268	3.14	1.63	0.128	1.97	2.35	0.021	1.14	2.22	0.027	2.36	1.64	
9NGE9Q	0.187	-0.30	0.35	0.077	-0.33	0.52	0.010	0.00	0.40	0.019	-0.33	0.00	
HVQVVH	0.194	-0.01	0.26	0.093	0.37	0.33	0.015	0.50	0.65	0.020	0.07	0.51	
JU4VZR	0.191	-0.13	0.27	0.110	1.18	0.79	0.034	2.52	1.40	0.037	5.75X	3.87	
PYJAFK	0.200	0.25	0.00	0.080	-0.20	0.00	0.010	0.00	0.00	0.020	0.00	0.00	
QDHBTL	0.194	0.00	0.23	0.073	-0.50	0.40	0.007	-0.28	0.23	0.018	-0.77	1.78	
QRELHD	1.863	70.69X	5.52	0.070	-0.65	0.00	0.005	-0.53	0.69	0.020	0.00	0.00	
RZTUJE	0.215	0.90	2.01	0.089	0.20	1.14	0.006	-0.42	0.07	0.016	-1.19	0.94	

Na (SubTestCode 229) in the Dry Ash Property Groups					Data units: Percent	
	SRB2405		SRB2406		SRB2407	
Grand Median	0.19		0.084		0.010	
Median Abs Dev	0.01		0.010		0.004	
Avg Within Lab SD	0.01		0.004		0.003	
Labs Included	7		8		8	
Labs Reporting	8		8		8	



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AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4VRYD9	213.9		1.52	135.2		1.22	71.2		0.89	81.2	1.43
HBYS9P	166.1		0.62	80.9		0.93	48.8		0.34	72.9	1.24
PYJAFK	244.0		0.09	146.4		1.20	96.8		1.76	110.1	0.47
RZTUJE	201.2		1.14	89.9		0.45	53.2		0.07	82.8	0.45
AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg	
	SRB2405			SRB2406			SRB2407			SRB2408	
Grand Median	207.5			112.6			62.2			82.0	
Median Abs Dev											
Avg Within Lab SD	12.3			8.4			11.7			6.8	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VRYD9	28.4	-7.97X	1.16	4.8	-5.41X	0.71	2.4	-0.58	0.04	33.1	-4.05X	0.28
9NGE9Q	68.0	-0.82	0.33	32.3	0.63	0.51	10.0	1.52	0.21	58.3	-0.09	0.44
HBYR9P	72.6	0.00	0.51	29.5	0.00	2.02	4.2	-0.09	2.72	68.8	1.56	2.51
HVQVVH	76.2	0.65	0.47	29.1	-0.08	0.20	4.8	0.09	0.34	63.1	0.66	0.22
PYJAFK	69.5	-0.55	0.23	25.4	-0.90	0.43	3.1	-0.38	0.36	57.1	-0.28	0.09
QDHBTL	71.0	-0.27	0.07	27.1	-0.52	0.13	3.9	-0.16	0.06	58.8	0.00	0.17
QRELHD	75.3	0.50	0.27	34.3	1.07	0.49	12.7	2.24	0.52	58.0	-0.13	0.23
RZTUJE	83.2	1.92	2.51	36.4	1.53	1.47	5.7	0.33	0.11	71.6	2.00	0.59

B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	72.6	29.5	4.50	58.8
Median Abs Dev	3.0	2.8	1.30	1.8
Avg Within Lab SD	2.1	1.2	1.11	4.3
Labs Included	7	7	8	7
Labs Reporting	8	8	8	8



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg
WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VRYD9				4.5	-10.92X	0.49	14.7	-2.32	0.10	17.6	-7.37X	0.11
9NGE9Q	28.3	-0.56	0.23	35.5	-0.10	0.48	22.8	-0.24	0.26	51.6	-0.65	1.02
HBYR9P	55.0	7.97X	8.26	38.6	0.97	2.64	23.7	0.00	2.87	56.8	0.38	2.20
HVQVVH	31.3	0.41	0.18	34.5	-0.47	0.19	25.4	0.43	0.48	55.5	0.11	0.25
JU4VZR	27.8	-0.72	0.19	29.6	-2.16	0.11	20.0	-0.95	0.15	42.0	-2.55	0.51
PYJAFK	38.1	2.59	2.59	36.2	0.12	0.66	27.4	0.94	0.29	61.2	1.24	0.91
QDHBTL	31.4	0.44	0.10	36.1	0.10	0.07	23.6	-0.04	0.37	54.2	-0.14	0.42
QRELHD	30.0	0.00	0.34	33.3	-0.87	0.27	24.7	0.24	0.42	54.3	-0.11	0.40
RZTUJE	30.0	0.00	0.23	37.6	0.60	0.48	27.3	0.91	0.15	56.0	0.22	0.79

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2405	SRB2406	SRB2407	SRB2408	
Grand Median	30.0	35.8	23.7	54.9	
Median Abs Dev	1.4	1.5	1.7	1.5	
Avg Within Lab SD	2.9	2.1	1.4	1.4	
Labs Included	7	8	9	8	
Labs Reporting	8	9	9	9	



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Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	94.9	1.57	1.48	61.4	-0.15	0.26	68.5	0.80	2.29	29.0	1.62	0.93	
9NGE9Q	73.8	-0.78	0.18	60.5	-0.30	0.83	51.8	-0.98	0.11	21.0	-0.80	0.83	
HVQVVH	83.3	0.28	0.51	65.9	0.57	0.32	66.1	0.54	1.19	23.9	0.08	0.63	
JU4VZR	68.0	-1.43	0.40	54.3	-1.30	0.20	49.7	-1.20	0.46	20.2	-1.07	0.46	
PYJAFK	80.3	-0.06	0.04	63.0	0.11	0.07	60.0	-0.10	0.13	23.0	-0.20	0.17	
QDHBTL	78.8	-0.22	0.11	63.3	0.16	0.46	62.0	0.10	0.35	23.4	-0.08	0.40	
QRELHD	81.3	0.06	0.88	61.7	-0.11	0.87	60.0	-0.10	0.75	24.7	0.30	1.73	
RZTUJE	89.9	1.01	2.14	79.0	2.69	2.48	75.8	1.57	0.64	27.7	1.24	1.64	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2405		SRB2406		SRB2407	SRB2408
Grand Median	80.8		62.4		61.0	23.7
Median Abs Dev	4.7		1.4		6.3	1.8
Avg Within Lab SD	2.9		1.8		1.3	0.7
Labs Included	8		8		8	8
Labs Reporting	8		8		8	8



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	166.8	0.11	2.14	101.4	0.01	1.75	105.0	0.50	1.64	80.6	1.20	1.53	
9NGE9Q	140.0	-0.95	0.34	80.4	-1.20	0.44	75.4	-1.42	0.65	65.3	-0.43	0.68	
HVQVVH	164.1	0.00	0.65	113.6	0.71	1.26	108.0	0.69	1.63	75.1	0.62	1.84	
PYJAFK	182.4	0.72	0.13	101.2	0.00	0.15	97.0	-0.02	0.17	67.8	-0.16	0.11	
QDHBTL	154.7	-0.37	0.27	91.7	-0.55	0.28	95.7	-0.11	0.76	59.1	-1.09	0.44	
QRELHD	151.3	-0.50	0.14	91.7	-0.55	0.10	97.3	0.00	0.56	69.3	0.00	0.31	
RZTUJE	216.9	2.07	1.33	130.7	1.70	1.43	127.7	1.97	0.57	80.9	1.22	0.72	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2405		SRB2406		SRB2408	
Grand Median	164.1		101.2		69.3	
Median Abs Dev	12.8		9.6		5.8	
Avg Within Lab SD	10.6		5.7		3.8	
Labs Included	7		7		7	
Labs Reporting	7		7		7	



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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	16.83	-0.35	0.50	4.97	-0.55	0.29	3.88	0.00	1.08	23.85	-0.23	0.22	
9NGE9Q	16.63	-0.54	0.78	5.87	0.13	1.50	3.77	-0.24	0.43	22.53	-0.71	1.18	
HVQVVH	17.98	0.83	0.39	5.70	0.00	0.23	4.15	0.56	1.98	25.51	0.37	0.54	
JU4VZR	18.57	1.43	0.72	7.72	1.53	0.55	4.83	2.00	1.07	24.40	-0.03	0.27	
PYJAFK	10.27	-7.05X	0.61							17.87	-2.41	1.55	
QDHBTL	17.17	0.00	0.26	5.92	0.17	0.17	3.47	-0.87	0.21	24.57	0.03	0.90	
QRELHD	16.37	-0.82	0.56	4.93	-0.58	0.75	3.70	-0.38	0.64	25.17	0.25	0.48	
RZTUJE	17.90	0.75	2.26	3.36	-1.77	1.92	4.19	0.66	0.39	28.23	1.36	1.66	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2405		SRB2406		SRB2408	
Grand Median	17.2		5.70		24.5	
Median Abs Dev	0.7		0.73		0.9	
Avg Within Lab SD	0.6		0.28		0.6	
Labs Included	7		7		8	
Labs Reporting	8		7		8	



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg
	SRB2405			SRB2406			SRB2407			SRB2408
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4VRYD9	0.74		0.95				0.18		1.24	
RZTUJE	0.95		1.04	0.17		1.00	0.81		0.67	0.27 1.00
Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg
	SRB2405			SRB2406			SRB2407			SRB2408
Grand Median	0.85			0.17			0.49			0.27
Median Abs Dev										
Avg Within Lab SD	0.04			0.03			0.03			0.01
Labs Included	2			1			2			1
Labs Reporting	2			1			2			1



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

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6DQDDY	0.22	0.13	1.24	0.16	0.00	0.20	0.21	1.18	0.51	0.26	1.62	0.64
9MZAJZ	0.21	-0.01	0.31	0.11	-0.39	0.03	0.11	-0.03	0.09	0.09	-0.07	0.05
AXWDNU	0.21	0.00	1.11	0.12	-0.36	0.04	0.11	0.03	0.23	0.10	-0.04	0.03
JU4VZR	50.50	721.78X	20.90	36.80	304.35X	18.63	18.73	209.13X	6.07	45.07	455.64X	13.15
MAAYEH	0.28	1.10	0.87	0.21	0.41	0.15	0.10	-0.14	0.22	0.10	0.00	0.05
NXBQYC	0.19	-0.26	0.65	0.11	-0.41	0.11	0.11	-0.04	0.08	0.09	-0.13	0.04
PR3FGH	3.29	44.23X	6.27	1.76	13.31X	1.44	0.32	2.41	2.71	3.51	34.56X	2.01
QDXTU7	0.02	-2.63	1.69	0.25	0.75	2.43	0.01	-1.07	0.18	0.37	2.76	2.36
TPPYZA	0.25	0.59	0.30	0.45	2.41		0.15	0.50	0.51	0.11	0.10	

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

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	0.21	0.16	0.11	0.10
Median Abs Dev	0.02	0.05	0.03	0.01
Avg Within Lab SD	0.01	0.08	0.03	0.05
Labs Included	7	7	8	7
Labs Reporting	9	9	9	9



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Ba (SubTestCode 238) in the Heavy Metals Property Groups Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6DQDDY	52.6	0.02	1.33	57.6	0.26	0.68	35.3	0.12	0.52	60.4	0.25	0.73
9MZAJZ	52.9	0.18	0.70	57.5	0.23	1.20	35.5	0.22	0.64	61.4	0.53	0.57
AXWDNU	56.1	1.97	1.97	64.8	1.83	0.83	36.8	0.95	0.36	64.0	1.24	1.97
KZQV3Q	55.7	1.72	0.35	58.9	0.54	0.06	37.1	1.10	0.32	61.5	0.56	0.74
NXBQYC	52.0	-0.34	0.50	56.4	0.00	0.50	34.8	-0.16	0.58	59.5	0.00	0.42
PR3FGH	51.0	-0.91	0.26	55.0	-0.30	0.49	33.7	-0.72	0.86	58.1	-0.39	0.32
QDXTU7	52.6	-0.02	0.38	55.6	-0.17	0.23	34.0	-0.57	0.16	58.4	-0.32	0.41
RFGAGJ	43.9	-4.86X	2.89	44.5	-2.58	0.50	30.9	-2.24	1.04	52.4	-2.01	0.64
TPPYZA	52.2	-0.25	1.12	55.7	-0.16	2.37	35.0	0.00	2.43	56.8	-0.76	1.69

Ba (SubTestCode 238) in the Heavy Metals Property Groups Data units: mg/kg

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	52.6	56.4	35.0	59.5
Median Abs Dev	0.5	1.2	1.1	1.9
Avg Within Lab SD	0.9	1.8	0.7	1.6
Labs Included	8	9	9	9
Labs Reporting	9	9	9	9



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6DQDDY	0.83	0.18	0.70	1.26	0.29	0.84	0.08	0.19	0.65	0.00	0.00	0.97	
9MZAJZ	0.73	-0.84	0.70	1.09	-1.37	0.25	0.07	-1.09	0.49	0.00	-0.38	0.56	
AXWDNU	0.85	0.43	1.53	1.30	0.67	0.45	0.08	-0.15	0.22				
KZQV3Q	0.90	0.94	1.68	1.32	0.88	1.84							
MAAYEH	0.81	0.00	0.11	1.23	0.00	0.25	0.08	0.43	0.17	0.00	-0.13	1.56	
NXBQYC	0.80	-0.16	0.62	1.23	-0.03	0.08	0.08	0.15	0.38	0.01	1.49	0.57	
PR3FGH	1.03	2.25	0.00	1.34	1.06	0.54	0.09	1.28	0.00	0.29	98.06X	56.16	
QDXTU7	0.79	-0.21	0.26	1.17	-0.56	0.13	0.06	-1.42	0.00				
TPPYZA	0.71	-1.06	1.55	1.10	-1.21	2.07	0.07	-0.70	2.67	0.01	1.38		

Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB2405			SRB2406			SRB2407			SRB2408			
Grand Median	0.81			1.23			0.077			0.004			
Median Abs Dev	0.04			0.07			0.005			0.001			
Avg Within Lab SD	0.02			0.05			0.009			0.000			
Labs Included	9			9			8			5			
Labs Reporting	9			9			8			6			



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6DQDDY	0.33	-0.22	0.51	0.34	0.00	0.75	0.06	-0.60	0.09	0.06	-0.13	0.03	
9MZAJZ	0.35	0.00	2.26	0.32	-0.43	0.23	0.06	-0.38	0.01	0.06	-0.23	0.04	
AXWDNU	0.39	0.82	0.64	0.36	0.17	0.17	0.06	-0.35	0.04	0.07	-0.04	0.14	
J73FRK	0.41	1.07	0.12	0.09	-4.05X	0.31							
NXBQYC	0.27	-1.31	0.55	0.32	-0.44	0.05	0.07	0.53	0.10	0.07	0.04	0.09	
PR3FGH	0.59	4.35X	0.42	0.47	1.95	0.79	0.06	-0.42	0.00	0.43	14.31X	0.23	
QDXTU7	0.31	-0.71	0.22	0.34	-0.13	0.38	0.02	-4.14X	0.41	0.02	-1.72	0.24	
RFGAGJ	0.29	-0.97	1.50	0.30	-0.72	0.96	0.07	1.08	2.48	0.09	0.72	1.78	
TPPYZA	0.38	0.62	0.42	0.37	0.39	2.01	0.07	0.35	0.39	0.07	0.04	0.74	
ZY73X9	0.37	0.35	0.64	0.46	1.84	1.62	0.08	1.69	1.30	0.13	2.48	2.05	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2405		SRB2406		SRB2407	SRB2408
Grand Median	0.35		0.34		0.064	0.068
Median Abs Dev	0.04		0.03		0.005	0.005
Avg Within Lab SD	0.05		0.03		0.040	0.025
Labs Included	9		9		8	8
Labs Reporting	10		10		9	9



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Ni (SubTestCode 241) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6DQDDY	9.07	0.14	0.81	1.24	0.13	0.75	0.26	-0.39	0.87	2.42	0.63	0.51		
9MZAJZ	8.97	0.00	0.83	1.14	-0.18	0.53	0.26	-0.28	0.11	1.68	-0.47	0.05		
AXWDNU	8.40	-0.84	0.53	1.39	0.56	0.72	0.26	-0.51	0.08	1.83	-0.24	0.07		
EBVTPR	7.40	-2.32	0.40	1.63	1.25	0.49	0.78	21.80X	1.16	2.88	1.33	0.04		
HBYR9P	5.20	-5.56X	1.47	0.80	-1.17					3.10	1.65			
KZQV3Q	9.77	1.18	1.15	1.15	-0.13	1.37	0.28	0.53	1.78	1.87	-0.18	0.38		
MAAYEH	9.26	0.43	0.19	1.87	1.96	0.69	0.31	1.76	0.41	2.11	0.17	0.06		
NXBQYC	8.36	-0.90	0.65	1.16	-0.13	0.25	0.27	0.00	0.11	1.71	-0.42	0.03		
PR3FGH	8.57	-0.60	1.19	1.50	0.87	2.41	0.05	-9.52X	0.54	2.29	0.45	0.05		
QDXTU7	8.64	-0.49	0.34	1.25	0.16	0.42	0.30	1.52	0.61	1.87	-0.17	0.01		
RFGAGJ	9.17	0.28	2.35	0.80	-1.16	0.99	0.27	-0.01	1.38	3.38	2.07	3.25		
TPPYZA	9.14	0.24	0.60	1.07	-0.38	0.12	0.29	1.06	1.61	1.78	-0.31	0.08		

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2405		SRB2406		SRB2407	
Grand Median	8.97		1.20		0.27	
Median Abs Dev	0.33		0.16		0.01	
Avg Within Lab SD	0.95		0.17		0.07	
Labs Included	11		12		9	
Labs Reporting	12		12		11	



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Pb (SubTestCode 242) in the Heavy Metals Property Groups Data units: mg/kg

WebCode	SRB2405			SRB2406			SRB2407			SRB2408		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6DQDDY	0.12	-0.21	0.07	1.44	1.22	2.34	6.00	-0.45	0.44	0.08	-0.13	0.78
9MZAJZ	0.11	-0.29	0.04	1.02	-0.27	0.26	6.37	0.06	0.50	0.08	-0.18	0.63
AXWDNU	0.12	-0.15	0.11	1.09	-0.02	0.61	6.78	0.60	0.35	0.08	0.13	0.44
KZQV3Q							7.76	1.92	2.72			
MAAYEH	0.13	0.09	0.14	1.70	2.16	0.56	6.28	-0.08	0.14	0.11	1.64	1.94
NXBQYC	0.13	0.00	0.05	1.10	0.00	0.43	6.33	0.00	0.42	0.09	0.44	0.21
PR3FGH	2.68	42.73X	1.34	2.84	6.20X	2.38	5.07	-1.70	0.77	2.93	171.76X	20.17
QDXTU7	0.25	2.11	1.39	1.38	1.01	0.56	6.45	0.16	0.37	0.19	6.41X	1.31
TPPYZA	0.24	1.88	2.24	1.09	-0.04	0.52	5.50	-1.11	0.37	0.06	-1.52	

Pb (SubTestCode 242) in the Heavy Metals Property Groups Data units: mg/kg

	SRB2405	SRB2406	SRB2407	SRB2408
Grand Median	0.13	1.10	6.33	0.081
Median Abs Dev	0.01	0.08	0.33	0.005
Avg Within Lab SD	0.07	0.23	1.15	0.005
Labs Included	7	7	9	6
Labs Reporting	8	8	9	8



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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2405			SRB2406			SRB2407			SRB2408			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6DQDDY	227.4	0.72	0.93	70.0	0.26	1.44	9.7	0.29	0.15	221.1	0.68	1.54	
9MZAJZ	212.0	-0.04	0.32	68.3	-0.04	1.06	9.1	-0.32	0.04	206.7	-0.16	1.62	
AXWDNU	242.3	1.47	1.58	79.4	1.90	0.69	11.2	1.73	0.28	231.0	1.25	0.88	
J73FRK	180.2	-1.62	0.34	59.6	-1.55	0.79	8.5	-0.93	0.16	181.1	-1.63	0.52	
KZQV3Q	235.7	1.13	0.15	73.4	0.86	0.32	10.4	0.97	0.11	218.0	0.50	0.23	
NXBQYC	211.7	-0.06	0.21	68.2	-0.05	0.56	9.7	0.28	0.15	206.5	-0.17	0.10	
PR3FGH	206.6	-0.31	0.56	67.3	-0.22	0.93	9.5	0.00	0.19	199.0	-0.60	0.43	
QDXTU7	224.5	0.58	0.11	72.8	0.75	0.41	14.8	5.35X	3.41	212.1	0.16	0.46	
RFGAGJ	213.7	0.04	2.45	68.7	0.04	0.33	8.2	-1.28	2.95	217.1	0.45	1.52	
TPPYZA	197.4	-0.77	0.19	62.3	-1.08	2.04	9.2	-0.27	0.34	189.1	-1.17	1.08	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2405		SRB2406		SRB2407	
Grand Median	212.9		68.5		9.46	
Median Abs Dev	13.1		2.9		0.32	
Avg Within Lab SD	5.4		1.5		0.62	
Labs Included	10		10		9	
Labs Reporting	10		10		10	





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PH (SubTestCode 301)

Data units:

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	7.71	-1.06	1.12	8.13	-0.08	0.11	7.67	-1.20	0.96
4L6ZL3	8.11	0.42	0.18	8.16	0.06	0.11	8.03	0.34	0.11
4NDY9W	8.01	0.06	1.03	8.16	0.08	0.19	8.16	0.87	1.01
6JDA6V	7.55	-1.68	0.27	7.88	-1.59	1.96	7.82	-0.56	1.16
733YM2	8.14	0.52	0.27	8.39	1.45	0.63	8.06	0.46	0.29
8F8HX2	8.07	0.26	2.68	8.20	0.31	1.95	8.00	0.20	1.91
9NGE9Q	8.03	0.12	1.22	8.28	0.79	1.18	8.01	0.22	0.61
ERFJNR	7.91	-0.32	0.30	8.13	-0.12	0.96	7.91	-0.20	0.29
EZN6MT	7.56	-1.64	0.27	7.81	-1.96	0.68	7.61	-1.44	0.38
FKQJLJ	8.04	0.15	1.27	8.15	0.00	0.49	8.06	0.45	0.69
HBYR9P	7.64	-1.32	0.97	7.98	-0.98	0.19	7.56	-1.66	1.34
KWRD7J	7.89	-0.39	1.89	7.97	-1.02	1.59	7.81	-0.60	1.98
KZQV3Q	8.17	0.63	0.83	8.24	0.53	0.41	8.14	0.80	0.98
MAAYEH	7.29	-2.63	0.47	8.14	-0.04	0.51	7.10	-3.57X	0.08
NXBQYC	8.17	0.63	0.51	8.25	0.63	0.68	8.11	0.66	0.33
PRHZ2F	6.99	-3.75X	2.73	7.72	-2.51	2.38	7.60	-1.48	1.62
QDXTU7	7.98	-0.06	0.00	8.12	-0.16	0.00	7.88	-0.31	0.00
QRELHD	7.87	-0.49	0.27	8.19	0.27	0.81	7.75	-0.85	0.51
U2TV8G	7.84	-0.58	0.46	8.04	-0.63	0.34	7.87	-0.36	1.43
UC77JD	8.07	0.26	1.01	8.30	0.90	0.00	8.10	0.61	0.00
VF4VGC	8.06	0.25	0.20	8.16	0.06	0.11	8.01	0.24	0.38



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PH (SubTestCode 301)

Data units:

	SRW2404	SRW2405	SRW2406
Grand Median	8.00	8.15	7.95
Median Abs Dev	0.12	0.09	0.14
Avg Within Lab SD	0.06	0.05	0.05
Labs Included	20	21	20
Labs Reporting	21	21	21



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	0.29	0.02	0.61	1.50	0.41	0.42	0.58	1.09	2.39
4L6ZL3	0.28	-0.48	3.54	1.42	-1.20	1.72	0.54	-1.16	2.48
4NDY9W	0.29	0.16	0.00	1.45	-0.54	0.24	0.56	-0.16	0.06
6JDA6V	0.30	1.61	1.24	1.40	-1.43	1.90	0.54	-1.09	1.43
733YM2	0.29	0.10	0.28	1.52	0.85	0.28	0.56	-0.25	0.16
8F8HX2	0.29	-0.02	1.77	1.54	1.17	2.24	0.57	0.69	2.15
9NGE9Q	0.30	1.79	0.00	1.70	4.24X	0.49	0.55	-0.69	0.00
ERFJNR	0.24	-5.91X	0.89	1.07	-7.92X	0.56	0.44	-8.10X	1.64
EZN6MT	0.29	-0.17	0.08	1.48	0.07	0.11	0.56	0.00	0.12
FKQJLJ	0.29	0.34	0.23	1.47	-0.17	0.49	0.57	0.56	0.11
HBYS9P	0.28	-0.93	0.00	1.45	-0.62	0.28	0.55	-0.93	0.62
KWRD7J	0.29	-0.02	0.89	1.49	0.21	0.49	0.56	0.00	0.00
KZQV3Q	0.29	-0.07	0.09	1.50	0.33	0.07	0.56	0.16	0.25
MAAYEH	0.29	0.97	0.49	1.56	1.48	0.08	0.58	1.45	0.39
NXBQYC	0.28	-0.97	0.58	1.40	-1.49	2.05	0.54	-1.11	0.19
PRHZ2F	0.30	1.82	0.27	1.46	-0.29	0.18	0.56	0.05	0.08
QDXTU7	0.27	-1.83	0.09	1.41	-1.31	0.03	0.54	-1.64	0.06
QRELHD	0.30	1.34	0.89	1.51	0.53	1.13	0.58	1.62	0.62
U2TV8G	0.29	-0.07	0.09	1.48	0.00	0.05	0.56	0.00	0.11
UC77JD	0.29	0.43	0.00	1.50	0.40		0.57	0.46	0.62
VF4VGC	0.28	-0.34	0.09	1.46	-0.31	0.18	0.55	-0.37	0.06



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EC (SubTestCode 302)

Data units: dS/m

	SRW2404	SRW2405	SRW2406
Grand Median	0.29	1.48	0.56
Median Abs Dev	0.00	0.03	0.01
Avg Within Lab SD	0.01	0.02	0.01
Labs Included	20	19	20
Labs Reporting	21	21	21



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	1.8	-1.22	0.90	10.5	0.17	0.60	2.2	-0.79	0.62
4L6ZL3	1.9	-0.21	0.06	9.9	-0.20	0.04	2.3	-0.21	0.10
4NDY9W	1.6	-3.00X	0.21	8.7	-0.95	0.22	1.9	-1.86	0.10
733YM2	2.2	2.15	0.96	11.1	0.54	1.17	2.6	1.03	0.73
8F8HX2	1.9	-0.40	0.61	9.9	-0.18	0.73	2.2	-0.74	0.98
9NGE9Q	2.0	0.28	0.16	10.6	0.28	0.33	2.3	-0.12	0.45
ERFJNR	2.2	2.03	2.43	12.2	1.29	0.57	2.7	1.46	0.66
EZN6MT	1.0	-8.98X	0.08	5.3	-3.10	0.07	1.2	-5.23X	0.16
FKQJLJ	2.1	1.17	0.34	9.7	-0.29	0.38	2.4	0.46	1.96
HBYS9P	2.0	0.81	0.22	10.6	0.28	0.48	2.4	0.34	0.39
KWRD7J	2.0	0.46	2.73	11.4	0.76	0.98	2.5	0.70	3.03
KZQV3Q	2.0	0.17	0.35	10.4	0.12	0.28	2.4	0.28	0.07
LH6PCC	1.1	-8.02X	0.72	5.4	-3.03	0.01	1.2	-5.06X	0.24
MAAYEH	2.0	0.18	0.12	10.6	0.26	0.03	2.3	0.02	0.05
NXBQYC	1.9	-0.82	1.30	10.3	0.08	2.89	2.2	-0.48	1.32
PRHZ2F	1.9	-0.48	0.39	7.3	-1.83	2.57	2.8	2.02	0.62
QDXTU7	1.9	-0.77	0.01	10.1	-0.06	0.08	2.2	-0.69	0.16
QRELHD	2.0	0.09	0.61	10.0	-0.11	1.36	2.4	0.28	1.03
U2TV8G	1.9	-0.27	0.16	10.5	0.18	0.06	2.3	0.00	0.21
UC77JD	1.9	-0.09	0.00	9.5	-0.46	0.00	2.2	-0.74	0.00
VF4VGC	1.9	-0.52	0.00	10.2	0.00	0.00	2.2	-0.60	0.06



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW2404	SRW2405	SRW2406
Grand Median	1.96	10.2	2.34
Median Abs Dev	0.05	0.4	0.13
Avg Within Lab SD	0.10	0.5	0.10
Labs Included	18	21	19
Labs Reporting	21	21	21



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Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	0.39	-1.07	0.41	6.97	-0.14	1.23	0.80	-1.24	0.71
4L6ZL3	0.43	-0.41	0.00	6.57	-0.86	0.32	0.84	-0.83	0.23
4NDY9W	0.38	-1.30	0.47	6.12	-1.68	0.34	0.75	-1.67	0.10
733YM2	0.47	0.28	1.35	7.44	0.71	1.46	0.98	0.53	0.72
8F8HX2	0.44	-0.19	0.63	6.79	-0.47	1.34	0.84	-0.79	0.67
9NGE9Q	0.52	1.00	0.64	7.82	1.39	0.73	1.00	0.66	0.53
ERFJNR	0.54	1.41	0.41	7.76	1.29	0.65	1.02	0.92	0.54
FKQJLJ	0.56	1.72	0.23	6.86	-0.34	0.28	0.99	0.55	0.32
HBYR9P	0.48	0.44	0.20	7.85	1.45	0.63	0.96	0.31	0.22
KWRD7J	0.45	-0.08	3.59	8.32	2.29	2.44	1.02	0.88	3.73
KZQV3Q	0.47	0.18	0.25	7.27	0.40	0.28	0.93	0.00	0.08
LH6PCC	0.24	-3.52X	0.35	3.67	-6.10X	0.32	0.45	-4.52X	0.06
MAAYEH	0.45	0.00	0.21	7.05	0.00	0.03	0.87	-0.59	0.04
NXBQYC	0.45	-0.07	1.27	6.98	-0.13	1.99	0.88	-0.43	1.13
PRHZ2F	0.48	0.45	0.20	7.02	-0.04	0.62	0.93	0.00	0.73
QDXTU7	0.45	-0.13	0.04	7.19	0.25	0.08	0.86	-0.61	0.14
QRELHD	0.50	0.75		7.37	0.58	1.22	1.00	0.69	
U2TV8G	0.35	-1.78	0.24	7.32	0.49	0.21	0.80	-1.21	0.00
UC77JD	0.53	1.32	0.00	6.99	-0.09	0.00	0.95	0.18	0.00
VF4VGC	0.44	-0.24	0.00	6.94	-0.20	0.06	0.85	-0.73	0.00

Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.45	7.05	0.93
Median Abs Dev	0.03	0.26	0.07
Avg Within Lab SD	0.02	0.21	0.04
Labs Included	19	19	19
Labs Reporting	20	20	20



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Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	0.46	0.07	0.34	1.49	-0.17	0.89	2.27	-0.01	0.67
4L6ZL3	0.46	0.01	0.00	1.45	-0.41	0.10	2.25	-0.10	0.32
4NDY9W	0.37	-1.83	0.21	1.24	-2.00	0.28	1.96	-1.75	0.23
733YM2	0.53	1.43	1.08	1.62	0.83	0.75	2.43	0.90	1.00
8F8HX2	0.45	-0.13	0.45	1.51	0.00	0.94	2.18	-0.49	0.93
9NGE9Q	0.44	-0.44	0.28	1.53	0.12	0.68	2.38	0.58	0.36
ERFJNR	0.47	0.14	0.34	1.52	0.10	0.75	2.33	0.34	0.62
EZN6MT	0.45	-0.29	0.03	1.40	-0.83	0.06	2.12	-0.83	0.02
FKQJLJ	0.48	0.44	0.11	1.51	0.00	0.48	2.27	0.01	0.39
HBYR9P	0.50	0.88	0.19	1.71	1.44	0.47	2.48	1.16	0.34
KWRD7J	0.34	-2.41	4.09	1.58	0.54	3.34	2.43	0.90	3.20
KZQV3Q	0.46	0.00	0.31	1.55	0.26	0.31	2.42	0.83	0.04
LH6PCC	0.43	-0.59	0.58	1.39	-0.89	0.27	2.03	-1.37	0.05
MAAYEH	0.45	-0.24	0.15	1.42	-0.64	0.04	2.23	-0.25	0.12
NXBQYC	0.51	1.11	1.39	1.67	1.18	1.95	2.40	0.72	2.00
PRHZ2F	0.50	0.83	0.28	1.77	1.88	0.94	2.93	3.63X	1.57
QDXTU7	0.46	0.01	0.03	1.52	0.04	0.04	2.19	-0.47	0.20
QRELHD	0.40	-1.20	0.00	1.23	-2.02	1.04	2.00	-1.51	1.54
U2TV8G	0.38	-1.54	0.17	1.44	-0.54	0.10	2.25	-0.12	0.31
UC77JD	0.48	0.38	0.00	1.48	-0.23	0.00	2.44	0.91	0.00
VF4VGC	0.45	-0.19	0.00	1.50	-0.05	0.10	2.32	0.25	0.09



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Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.46	1.51	2.27
Median Abs Dev	0.02	0.07	0.12
Avg Within Lab SD	0.03	0.06	0.07
Labs Included	21	21	20
Labs Reporting	21	21	21



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	0.18	-0.20	0.98	0.14	-0.07	1.41	0.06	-0.18	0.00
4L6ZL3	0.19	0.20	0.00	0.14	0.43	1.41	0.07	0.34	0.00
4NDY9W	0.17	-1.07	0.64	0.13	-0.47	1.10	0.07	0.39	1.47
733YM2	0.18	-0.23	0.52	0.14	0.40	0.84	0.06	0.01	0.28
8F8HX2	0.19	0.20	0.00	0.14	-0.07	1.41	0.06	-0.18	0.00
9NGE9Q	0.15	-2.28	0.20	0.15	0.70	0.73	0.06	-0.01	0.56
ERFJNR	0.19	0.00	0.98	0.14	-0.07	1.41	0.06	-0.18	0.00
EZN6MT	0.19	0.38	0.11	0.13	-0.50	0.16	0.06	0.06	0.07
FKQJLJ	0.19	0.29	0.26	0.14	0.43	1.10			
HBYP9P	0.18	-0.51	0.34	0.12	-1.29	1.03	0.04	-1.27	0.81
KZQV3Q	0.19	-0.08	0.59	0.14	-0.12	0.24	0.06	-0.03	0.00
LH6PCC	0.19	0.01	3.10	0.14	-0.10	1.39	0.05	-0.49	0.63
MAAYEH	0.18	-0.35	0.35	0.14	-0.20	0.00	0.06	-0.22	0.28
NXBQYC	0.20	0.59	1.36	0.17	2.14	1.53	0.09	1.43	1.57
PRHZ2F	0.58	23.15X	4.10	0.14	0.07	1.01	0.11	2.42	1.88
QDXTU7	0.21	1.55	0.63	0.17	2.42	0.13	0.09	1.14	0.58
QRELHD	0.20	0.78	1.69	0.16	1.43	1.41	0.09	1.20	2.82
U2TV8G	0.16	-1.56	0.00	0.16	1.68	0.00	0.16	5.01X	0.00
UC77JD	0.23	2.55	0.00	0.13	-0.73	0.00	0.11	2.42	0.00
VF4VGC	0.19	0.00	0.98	0.14	0.18	0.00	0.06	-0.18	0.00

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.19	0.14	0.064
Median Abs Dev	0.01	0.01	0.005
Avg Within Lab SD	0.01	0.00	0.002
Labs Included	19	20	18
Labs Reporting	20	20	19



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

Data units: mmolc/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HBYR9P	0.027	0.91	2.19	0.028	0.98	2.19	0.026	1.88	2.24
MAAYEH	0.016	0.00	0.39	0.016	0.00	0.39	0.013	0.69	0.00
NXBQYC	0.001	-1.34	0.00	0.001	-1.24	0.00	0.001	-0.42	0.00
QDXTU7	0.004	-1.09	0.17	0.005	-0.90	0.26	0.002	-0.37	0.00
UC77JD	0.017	0.03	0.00	0.019	0.25	0.00	0.006	0.00	0.00

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

Data units: mmolc/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.016	0.016	0.006
Median Abs Dev	0.010	0.011	0.005
Avg Within Lab SD	0.001	0.001	0.000
Labs Included	5	5	5
Labs Reporting	5	5	5



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Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2404			SRW2405			SRW2406			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	2.6	-2.20	1.82	17.4	-1.07	0.64	5.0	-1.21	1.97	
4L6ZL3	3.0	-0.03	0.04	18.0	-0.64	0.12	5.5	-0.15	0.06	
8F8HX2	3.0	-0.13	0.64	18.3	-0.45	0.92	5.3	-0.68	0.94	
9NGE9Q	3.1	0.32	0.28	20.1	0.69	0.44	5.7	0.51	0.13	
ERFJNR	3.4	1.68	1.43	21.7	1.65	0.31	6.1	1.31	0.59	
HBYR9P	3.2	0.90	0.23	20.3	0.81	0.51	5.9	0.86	0.35	
NXBQYC	3.0	0.03	1.45	19.1	0.05	2.49	5.6	0.15	1.64	
QDXTU7	3.0	-0.11	0.05	19.0	-0.05	0.08	5.3	-0.53	0.19	

Sum Cations (SubTestCode 308) in the Cations Property Groups				Data units: mmolc/L
	SRW2404	SRW2405	SRW2406	
Grand Median	3.02	19.1	5.54	
Median Abs Dev	0.05	1.0	0.25	
Avg Within Lab SD	0.15	0.7	0.19	
Labs Included	8	8	8	
Labs Reporting	8	8	8	



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SAR (SubTestCode 309) in the Cations Property Groups

Data units:

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	0.49	1.67	0.00	0.52	0.83	1.48	2.00	1.79	0.55
4L6ZL3	0.42	0.00	0.00	0.51	-0.21	0.00	1.80	0.21	0.25
8F8HX2	0.42	0.00	0.23	0.52	0.83	1.48	1.78	0.00	0.45
ERFJNR	0.40	-0.56	0.35	0.49	-1.76	1.28	1.74	-0.26	2.20
QDXTU7	0.43	0.18	0.03	0.52	0.21	0.07	1.77	-0.04	0.10
QRELHD	0.33	-2.07	2.61	0.40	-8.77X	0.00	1.57	-1.66	1.26
VF4VGC	0.41	-0.24	0.00	0.51	-0.21	0.00	1.87	0.76	0.13

SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW2404	SRW2405	SRW2406
Grand Median	0.42	0.51	1.78
Median Abs Dev	0.01	0.01	0.03
Avg Within Lab SD	0.04	0.01	0.05
Labs Included	7	6	7
Labs Reporting	7	7	7



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Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
WebCode	SRW2404			SRW2405			SRW2406			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4L6ZL3	0.69		0.06	1.33		0.07	2.92		0.02	
8F8HX2	0.79		1.73	1.22		1.69	3.29		1.73	
QRELHD	0.40		0.00	0.53		0.37	1.63		0.12	

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
	SRW2404			SRW2405			SRW2406			
	Grand Median	Median Abs Dev	Avg Within Lab SD	Labs Included	Labs Reporting	Grand Median	Median Abs Dev	Avg Within Lab SD	Labs Included	
	0.69			3	3	1.22			3	3



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

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	2.47	-0.02	0.15	6.68	0.07	0.04	2.19	0.22	0.16
4L6ZL3	2.74	1.26	0.09	7.41	0.96	0.08	2.41	1.51	0.56
733YM2	2.47	0.00	1.75	4.73	-2.29	3.56	2.11	-0.24	1.90
8F8HX2	2.09	-1.80	0.22	5.64	-1.18	0.07	1.83	-1.88	0.27
9NGE9Q	2.33	-0.69	0.05	6.43	-0.23	0.03	2.07	-0.45	0.06
ERFJNR	2.60	0.60	2.33	6.87	0.30	0.21	2.03	-0.69	0.59
HBYR9P	2.49	0.06	1.57	6.62	0.00	0.20	2.13	-0.10	0.80
MAAYEH	2.45	-0.11	0.02	6.13	-0.60	0.04	2.16	0.04	0.13
NXBQYC	2.31	-0.77	0.00	6.33	-0.35	0.04	2.08	-0.40	0.44
QDXTU7	2.43	-0.20	0.00	6.49	-0.16	0.00	2.15	0.00	0.00
QRELHD	3.00	2.49		7.87	1.51	0.42	2.60	2.65	2.05
U2TV8G	2.60	0.61	0.22	6.75	0.15	0.04	2.25	0.59	0.54
UC77JD	1.22	-5.92X	0.00	3.44	-3.85X	0.00	1.18	-5.70X	0.00
VF4VGC	2.51	0.16	0.97	7.41	0.95	0.16	2.15	0.02	1.81

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

	SRW2404	SRW2405	SRW2406
Grand Median	2.47	6.62	2.15
Median Abs Dev	0.13	0.29	0.07
Avg Within Lab SD	0.11	0.99	0.10
Labs Included	13	13	13
Labs Reporting	14	14	14



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

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ERFJNR	4.22		1.41	11.44	3.21	2.22	3.39		1.41
MAAYEH				0.55	0.12	0.28			
NXBQYC				0.14	0.00	0.06			
QDXTU7				0.11	-0.01	0.00			
UC77JD	0.00		0.00	0.00	-0.04	0.00	0.00		0.00

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

	SRW2404	SRW2405	SRW2406
Grand Median	2.11	0.14	1.69
Median Abs Dev		0.13	
Avg Within Lab SD	0.18	0.16	0.07
Labs Included	2	5	2
Labs Reporting	2	5	2



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CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	0.13	1.26	3.14	0.32	0.16	1.81	2.02	0.59	1.10
4L6ZL3				0.31	0.00	0.52	2.04	0.69	0.14
4NDY9W	0.17	2.34	0.00	0.34	0.44	1.46	1.90	-0.16	0.25
733YM2	0.10	0.61	0.00	0.28	-0.54	0.26	1.93	0.00	0.08
8F8HX2	1.93	47.18X	2.30	0.44	2.08	0.30	0.54	-8.50X	0.14
9NGE9Q	0.06	-0.37	0.30	0.29	-0.34	0.12	1.84	-0.55	0.08
ERFJNR	0.07	-0.18	0.00	0.31	0.00	0.00	1.89	-0.25	0.42
FKQJLJ				0.34	0.45	0.09	2.08	0.94	1.66
HBYR9P	0.07	-0.10	0.76	0.35	0.58	2.49	2.06	0.83	2.97
KWRD7J	0.10	0.58	0.00	0.25	-0.94		1.87	-0.37	0.83
KZQV3Q	0.07	-0.30	0.48	0.28	-0.51	0.40	1.77	-0.96	0.58
MAAYEH	0.08	0.09	0.31	0.32	0.10	0.15	1.89	-0.23	0.08
NXBQYC	0.07	-0.09	0.35	0.25	-0.96	0.57	2.04	0.70	1.46
PRHZ2F	0.04	-0.86	1.74	0.17	-2.18	0.90	1.93	0.00	0.79
QDXTU7	0.09	0.40	0.00	0.39	1.23	0.00	2.01	0.50	0.00
QRELHD	0.01	-1.71	0.00	0.27	-0.62	1.89	2.03	0.65	1.06
UC77JD	0.10	0.55	0.00	0.34	0.44	0.00	2.52	3.67	0.00
VF4VGC							1.84	-0.55	0.22
X847WD				0.27	-0.58	0.25	1.85	-0.49	0.12

CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.077	0.31	1.93
Median Abs Dev	0.019	0.03	0.09
Avg Within Lab SD	0.007	0.02	0.07
Labs Included	14	18	18
Labs Reporting	15	18	19



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NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	0.137	0.95	3.05	0.223	7.39X	10.52	0.123	17.35X	12.00
4NDY9W	1.301	39.36X	19.05	1.450	65.51X	153.94	1.072	160.92X	130.80
8F8HX2	0.147	1.28	0.85	0.017	-2.40	1.99	0.010	0.20	0.00
9NGE9Q	0.123	0.49	0.72	0.068	0.05	0.38	0.010	0.20	0.00
ERFJNR	0.113	0.18	0.85	0.070	0.13	0.00			
EZN6MT	0.029	-2.60	0.02	0.027	-1.93	0.00	0.007	-0.21	0.05
HBYR9P	0.120	0.39	0.68	0.074	0.32	0.37	0.006	-0.47	0.22
KWRD7J	0.100	-0.26	0.00	0.063	-0.19	1.99	0.020	1.71	0.00
KZQV3Q	0.109	0.05	0.08	0.068	0.02	0.20	0.007	-0.20	0.45
MAAYEH	0.102	-0.18	0.22	0.067	0.00	1.90	0.019	1.51	1.98
NXBQYC	0.106	-0.05	0.31	0.068	0.03	0.37	0.018	1.38	0.91
PRHZ2F	0.118	0.32	1.19	0.072	0.23	1.01	0.013	0.68	2.45
QDXTU7	0.095	-0.43	0.07	0.057	-0.48	0.08	0.006	-0.44	0.10
QRELHD	0.087	-0.70	0.85	0.050	-0.82	0.00	0.003	-0.86	
U2TV8G	0.277	5.57X	3.05	0.360	13.87X	12.41	0.177	25.42X	9.07
UC77JD	0.061	-1.56	0.00	0.021	-2.17	0.00	0.007	-0.23	0.00

NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.11	0.067	0.009
Median Abs Dev	0.01	0.005	0.003
Avg Within Lab SD	0.01	0.003	0.001
Labs Included	14	13	12
Labs Reporting	16	16	15



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SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3269HX	0.3	-0.67	1.27	11.4	-0.10	1.67	1.3	-0.74	1.74
4L6ZL3	0.3	0.20	0.00	11.0	-0.64	0.11	1.4	0.85	0.25
4NDY9W	0.3	-0.20	1.09	19.9	9.27X	0.88	2.4	17.40X	1.18
733YM2	0.4	5.81X	2.64	13.0	1.57	1.48	1.6	5.26X	1.12
8F8HX2	9.1	331.55X	5.48	4.7	-7.53X	0.09	0.7	-10.26X	0.29
9NGE9Q	0.3	0.24	0.11	10.6	-1.08	0.75	1.3	0.48	2.42
ERFJNR	0.3	1.70	2.80	12.6	1.22	1.52	1.3	0.21	0.43
FKQJLJ	0.3	0.30	0.13	11.3	-0.27	0.00	1.3	0.00	0.38
HBYR9P	0.3	-0.23	0.28	12.1	0.66	0.58	1.3	0.51	0.09
KWRD7J	0.3	-0.80	0.93	11.8	0.25	1.96	1.3	0.11	1.01
KZQV3Q	0.3	-1.01	0.52	12.2	0.76	0.45	1.4	0.87	0.18
NXBQYC	0.3	0.50	1.04	11.5	-0.09	0.75	1.3	-0.31	0.55
QDXTU7	0.3	-0.24	0.07	11.6	0.09	0.05	1.3	-0.74	0.21
QRELHD	0.3	-0.80	0.35	11.1	-0.53	0.38	1.2	-1.12	1.12
UC77JD	0.4	2.22	0.00	9.8	-1.91		1.2	-2.56	
VF4VGC	0.3	0.32	0.93	11.8	0.29	0.24	1.3	-0.27	0.25

SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.29	11.5	1.32
Median Abs Dev	0.01	0.5	0.03
Avg Within Lab SD	0.02	0.4	0.04
Labs Included	14	14	13
Labs Reporting	16	16	16



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2404			SRW2405			SRW2406			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3269HX	3.2	0.23	0.33	18.8	0.07	1.94	4.0	-0.75	2.31	
4L6ZL3	3.0	0.07	0.05	18.7	0.01	0.14	5.8	0.17	0.01	
8F8HX2	13.3	9.61X	0.46	10.8	-3.60	0.34	3.0	-1.21	0.02	
9NGE9Q	2.8	-0.14	0.03	17.4	-0.60	0.96	5.3	-0.09	0.07	
ERFJNR	7.3	4.06	2.47	31.3	5.82X	3.14	8.6	1.62	0.14	
HBYR9P	3.0	0.00	0.87	19.2	0.24	0.66	8.5	1.55	1.62	
NXBQYC	2.8	-0.16	0.10	18.2	-0.21	1.31	5.4	0.00	0.10	
QDXTU7	2.9	-0.06	0.01	18.7	0.00	0.06	5.4	0.00	0.01	

Sum Anions (SubTestCode 316) in the Anions Property Groups				Data units: mmolc/L
	SRW2404	SRW2405	SRW2406	
Grand Median	2.97	18.7	5.44	
Median Abs Dev	0.15	0.5	0.91	
Avg Within Lab SD	0.20	0.3	1.40	
Labs Included	7	7	8	
Labs Reporting	8	8	8	



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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
WebCode	SRW2404			SRW2405			SRW2406			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4L6ZL3	-0.02	-1.88	0.21	-0.44	-0.56	0.49	-0.31	-0.23	0.03	
8F8HX2	-10.32	-80.60X	1.34	7.53	2.47	1.07	2.21	1.51	0.18	
9NGE9Q	0.27	0.36	0.28	2.78	0.66	0.24	0.48	0.31	0.12	
HBYR9P	0.24	0.09	1.58	1.15	0.04	0.38	-2.60	-1.81	2.40	
NXBQYC	0.23	0.00	1.54	0.93	-0.04	2.10	0.16	0.10	0.45	
QDXTU7	0.09	-1.04	0.05	0.31	-0.28	0.05	-0.12	-0.10	0.03	

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
	SRW2404			SRW2405			SRW2406			
	Grand Median	0.23			1.04			0.023		
Median Abs Dev	0.05			1.10			0.393			
Avg Within Lab SD	0.13			0.67			0.929			
Labs Included	5			6			6			
Labs Reporting	6			6			6			



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Boron (SubTestCode 318) in the Other Property Groups										Data units: mg/L
WebCode	SRW2404			SRW2405			SRW2406			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4L6ZL3	0.06	1.00	0.81	0.18	-0.11	2.64				
733YM2				0.04	-9.18X	0.21	0.18	14.90X	0.57	
8F8HX2	0.04	0.45	2.15	0.20	0.98	0.91	0.04	1.80	2.73	
9NGE9Q	0.04	0.46	0.17	0.18	-0.22	0.09	0.03	0.61	0.46	
FKQJLJ				0.21	1.33	1.66				
HBYR9P	0.02	-0.51	0.35	0.18	-0.52	0.09	0.02	-0.80	0.37	
KWRD7J	0.01	-0.90	1.26	0.17	-0.76	0.53	0.01	-1.30	0.00	
KZQV3Q	0.03	-0.16	0.35	0.19	0.39	0.24	0.02	-0.15	0.10	
MAAYEH	0.03	-0.09	0.00	0.20	0.94	0.05	0.03	0.15	0.10	
NXBQYC	0.03	-0.26	0.35	0.19	0.00	1.12	0.02	-0.08	0.37	
PRHZ2F	0.03	0.09	0.37	0.13	-3.59X	1.20				
QDXTU7	0.03	-0.16	0.08	0.19	0.57	0.05	0.02	0.00	0.00	
QRELHD	0.07	1.67	2.15	0.18	-0.33	0.91	0.04	1.18	1.03	
UC77JD	0.09	2.35	0.00	0.15	-2.29	0.00	0.10	7.06X	0.00	
VF4VGC				0.19	0.33	0.00				

Boron (SubTestCode 318) in the Other Property Groups										Data units: mg/L
	SRW2404			SRW2405			SRW2406			
Grand Median	0.032			0.19			0.024			
Median Abs Dev	0.011			0.01			0.007			
Avg Within Lab SD	0.007			0.01			0.006			
Labs Included	12			13			9			
Labs Reporting	12			15			11			



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

Data units: mg/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
733YM2							0.031	0.00	0.42
8F8HX2	0.297		1.09				0.337	2.48	1.91
EZN6MT	0.216		0.00	0.077		0.00	0.016	-0.12	0.07
NXBQYC	0.178		0.07	0.070		0.12	0.017	-0.11	0.07
PRHZ2F	0.448		1.68	0.290		1.73	0.113	0.66	1.08

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

Data units: mg/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.26	0.077	0.031
Median Abs Dev			0.015
Avg Within Lab SD	0.02	0.018	0.008
Labs Included	4	3	5
Labs Reporting	4	3	5



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

Data units: mg/L

WebCode	SRW2404			SRW2405			SRW2406		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4L6ZL3	0.263	2.63	1.05						
FKQJLJ	0.187	0.00	1.95						
KZQV3Q	0.181	-0.19	0.30	0.077	0.11		0.016		0.68
MAAYEH	0.192	0.19	0.04	0.057	0.22		0.009		0.34
QDXTU7	0.176	-0.35	0.10	0.081	1.71		0.031		1.56

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

Data units: mg/L

	SRW2404	SRW2405	SRW2406
Grand Median	0.19	0.077	0.016
Median Abs Dev	0.01		
Avg Within Lab SD	0.01	0.005	0.002
Labs Included	5	3	3
Labs Reporting	5	3	3

