

- Pass 1 Results for 84 Labs - - Pass 2 Results for 81 Labs -

Method	AOAC Ref.	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Ammoniacal Nitrogen, Other		001.99	1	0.08	0.01	0.01	1	0.08	0.01	0.01
Total Nitrogen, Salicylic	955.04D	010.12	1	0.17	0.02	0.03	1	0.17	0.02	0.03
Total Nitrogen, Combustion		010.60	7	0.11	0.06	0.01	7	0.11	0.06	0.01
Method Group 010.XX PCT			8	0.12	0.06	0.01	8	0.12	0.06	0.01
Total Phosphate, Grav Quimociac	962.02	020.10	9	46.14	0.61	0.21	9	46.14	0.61	0.21
Total Phosphate, Spectrometric	958.01	020.20	17	45.72	0.86	0.41	16	45.71	0.70	0.17
Total Phosphate, Automated	978.01	020.40	7	46.21	0.19	0.09	7	46.21	0.19	0.09
Total Phosphate, ICP		020.50	11	46.62	1.25	0.46	11	46.62	1.25	0.46
Total Phosphate, Other		020.99	4	45.65	0.95	0.21	4	45.65	0.95	0.21
Method Group 020.XX PCT			48	46.07	0.94	0.32	45	45.98	0.77	0.19
Insoluble Phosphate, Grav Quimociac ...	963.03C	030.10	1	0.09	0.00	0.00	1	0.09	0.00	0.00
Insoluble Phosphate, Spectrometric	963.03C	030.20	2	0.16	0.01	0.01	2	0.16	0.01	0.01
Insoluble Phosphate, Automated	978.01	030.40	2	0.38	0.08	0.09	2	0.38	0.08	0.09
Insoluble Phosphate, ICP		030.50	1	0.16	0.01	0.02	1	0.16	0.01	0.02
Insoluble Phosphate, Other		030.99	3	0.25	0.12	0.05	3	0.25	0.12	0.05
Method Group 030.XX PCT			9	0.23	0.12	0.04	9	0.23	0.12	0.04
InDir Available Phosphate, Grav Quim ..	960.02	040.10	1	45.92	0.01	0.01	1	45.92	0.01	0.01
InDir Available Phosphate, Spectrometri	960.02	040.20	2	45.90	0.05	0.07	2	45.90	0.05	0.07
InDir Available Phosphate, Automated ..	960.02	040.40	2	45.94	0.35	0.14	2	45.94	0.35	0.14
InDir Available Phosphate, Other		040.99	3	45.70	0.28	0.04	3	45.70	0.28	0.04
Method Group 040.XX PCT			8	45.84	0.25	0.07	8	45.84	0.25	0.07
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	12	46.31	0.56	0.16	12	46.31	0.56	0.16
Dir Available Phosphate, Spectrometric	960.03D	041.20	2	45.27	0.28	0.11	2	45.27	0.28	0.11
Dir Available Phosphate, Automated	978.01	041.40	2	45.89	0.81	0.51	2	45.89	0.81	0.51
Dir Available Phosphate, ICP		041.50	10	46.06	1.07	0.31	9	46.17	1.05	0.21
Dir Available Phosphate, EDTA Extract .	993.01	041.60	14	46.17	0.65	0.39	13	46.20	0.62	0.31
Dir Available Phosphate, Other		041.99	1	46.32	0.21	0.29	1	46.32	0.21	0.29
Method Group 041.XX PCT			41	46.13	0.76	0.30	38	46.16	0.74	0.22
Water Soluble Phosphate, Grav Quimociac	962.03	048.10	2	40.12	0.96	0.34	2	40.12	0.96	0.34
Water Soluble Phosphate, Spectrometric	970.01	048.20	6	38.06	8.41	0.18	6	38.06	8.41	0.18
Water Soluble Phosphate, ICP		048.50	1	48.57	0.00	0.00	1	48.57	0.00	0.00
Water Soluble Phosphate, Other		048.99	1	24.38	0.18	0.25	1	24.38	0.18	0.25
Method Group 048.XX PCT			10	38.15	8.56	0.20	10	38.15	8.56	0.20
Soluble Potash, ICP (Oxalate)		050.50	3	0.14	0.02	0.02	3	0.14	0.02	0.02
Soluble Potash, ICP (Citrate)		050.51	1	0.16	0.00	0.00	1	0.16	0.00	0.00
Soluble Potash, Other		050.99	7	0.17	0.08	0.01	7	0.17	0.08	0.01
Method Group 050.XX PCT			11	0.16	0.06	0.01	10	0.17	0.06	0.01
Free Water, Vacuum Oven	965.08B	060.00	5	2.05	0.11	0.08	5	2.05	0.11	0.08
Free Water, Karl Fischer	972.01	060.20	1	0.92	0.01	0.02	1	0.92	0.01	0.02

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Free Water, Other		060.99	1	2.94	0.08	0.12	1	2.94	0.08	0.12
Method Group 060.XX PCT			7	2.02	0.57	0.08	7	2.02	0.57	0.08
Acid Soluble Calcium, AA	945.04	101.00	1	12.84	0.33	0.46	1	12.84	0.33	0.46
Acid Soluble Calcium, ICP		101.30	11	13.48	0.78	0.18	10	13.35	0.68	0.14
Acid Soluble Calcium, Titrimetric	945.03	101.70	1	12.89	0.11	0.16	1	12.89	0.11	0.16
Acid Soluble Calcium, Other		101.99	2	12.65	0.96	0.06	2	12.65	0.96	0.06
Method Group 101.XX PCT			15	13.29	0.81	0.18	14	13.18	0.71	0.15
Acid Soluble Magnesium, AA	984.01	121.00	2	0.88	0.02	0.03	2	0.88	0.02	0.03
Acid Soluble Magnesium, ICP		121.30	12	0.90	0.08	0.02	12	0.90	0.08	0.02
Acid Soluble Magnesium, Titrimetric ...	964.01	121.70	1	0.88	0.04	0.05	1	0.88	0.04	0.05
Acid Soluble Magnesium, Other		121.99	2	0.80	0.02	0.02	2	0.80	0.02	0.02
Method Group 121.XX PCT			17	0.89	0.07	0.02	17	0.89	0.07	0.02
Sulfur, Gravimetric	980.02a	144.01	1	1.16	0.01	0.01	1	1.16	0.01	0.01
Sulfur, Gravimetric	980.02b	144.02	1	1.31	0.01	0.01	1	1.31	0.01	0.01
Sulfur, Spectrometric		144.70	1	1.47	0.03	0.04	1	1.47	0.03	0.04
Sulfur, Other		144.99	10	1.07	0.12	0.03	10	1.07	0.12	0.03
Method Group 144.XX PCT			14	1.15	0.20	0.06	13	1.12	0.16	0.02
Arsenic, Atomic Absorption		151.00	2	2.84	0.53	0.01	2	2.84	0.53	0.01
Arsenic, ICP		151.30	10	16.04	4.76	1.28	9	15.63	4.76	0.85
Arsenic, Other		151.99	1	20.40	0.71	1.00	1	20.40	0.71	1.00
Method Group 151.XX PPM			13	14.35	6.61	1.06	11	13.08	6.31	0.46
Acid Soluble Boron, Other		165.99	2	0.005	0.002	0.001	2	0.005	0.002	0.001
Cadmium, Atomic Absorption		181.00	3	102.40	12.28	3.47	3	102.40	12.28	3.47
Cadmium, ICP		181.30	12	84.96	10.84	4.62	11	85.46	10.73	3.14
Method Group 181.XX PPM			15	88.45	13.02	4.39	14	89.09	12.94	3.21
Water Soluble Chlorine, Titrimetric ...	928.02	190.00	5	0.04	0.04	0.01	5	0.04	0.04	0.01
Water Soluble Chlorine, Other		190.99	1	0.26	0.04	0.05	1	0.26	0.04	0.05
Method Group 190.XX PCT			6	0.08	0.09	0.02	6	0.08	0.09	0.02
Chromium, Atomic Absorption		191.00	3	580.83	82.75	11.14	3	580.83	82.75	11.14
Chromium, ICP		191.30	9	389.41	50.46	18.98	8	395.59	47.88	11.05
Chromium, Other		191.99	1	107.56	7.06	9.99	1	107.56	7.06	9.99
Method Group 191.XX PPM			14	391.45	148.51	15.66	12	392.77	159.15	6.57
Acid Soluble Cobalt, AA		202.00	1	8.75	1.77	2.50	1	8.75	1.77	2.50
Acid Soluble Cobalt, ICP	965.11	202.30	9	6.00	2.18	0.64	9	6.00	2.18	0.64
Method Group 202.XX PPM			10	6.28	2.26	0.83	10	6.28	2.26	0.83
Acid Soluble Copper, Atomic Absorption	975.01	221.00	5	0.0078	0.0008	0.0003	5	0.0078	0.0008	0.0003
Acid Soluble Copper, ICP		221.30	13	0.0081	0.0011	0.0003	12	0.0083	0.0009	0.0002
Acid Soluble Copper, Other		221.99	2	0.0092	0.0011	0.0016	2	0.0092	0.0011	0.0016
Method Group 221.XX PCT			20	0.0081	0.0011	0.0004	19	0.0081	0.0010	0.0003

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Method	AOAC Ref.	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Acid Soluble Iron, Atomic Absorption ..	980.01	241.00	2	0.66	0.17	0.01	2	0.66	0.17	0.01
Acid Soluble Iron, Colormetric		241.20	1	0.42	0.00	0.00	1	0.42	0.00	0.00
Acid Soluble Iron, ICP		241.30	13	0.79	0.14	0.01	13	0.79	0.14	0.01
Acid Soluble Iron, Other		241.99	2	0.75	0.04	0.02	2	0.75	0.04	0.02
Method Group 241.XX PCT			18	0.75	0.16	0.01	18	0.75	0.16	0.01
Lead, Atomic Absorption		251.00	3	6.27	4.45	0.43	3	6.27	4.45	0.43
Lead, ICP		251.30	10	4.16	2.09	0.41	9	3.80	1.85	0.25
Method Group 251.XX PPM			13	4.65	2.85	0.41	12	4.42	2.83	0.30
Acid Soluble Manganese, AA	972.02b	261.11	1	0.022	0.000	0.000	1	0.022	0.000	0.000
Acid Soluble Manganese, ICP	972.02a	261.30	9	0.021	0.001	0.000	9	0.021	0.001	0.000
Acid Soluble Manganese, Other		261.99	3	0.024	0.004	0.002	3	0.024	0.004	0.002
Method Group 261.XX PCT			14	0.021	0.003	0.001	12	0.020	0.002	0.000
Mercury, Atomic Absorption		281.00	1	31.25	3.18	4.50	1	31.25	3.18	4.50
Molybdenum, Atomic Absorption		289.00	2	28.09	20.42	1.38	2	28.09	20.42	1.38
Molybdenum, ICP		289.30	10	11.42	4.58	0.96	10	11.42	4.58	0.96
Method Group 289.XX PPM			12	14.20	10.58	1.03	11	11.33	4.36	0.90
Nickel, Atomic Absorption		291.00	4	206.84	21.33	3.23	4	206.84	21.33	3.23
Nickel, ICP		291.30	11	227.16	31.51	10.36	9	226.05	32.72	4.80
Nickel, Other		291.99	1	181.58	6.65	9.41	1	181.58	6.65	9.41
Method Group 291.XX PPM			16	219.23	30.86	8.52	14	217.38	31.17	4.68
Selenium, Atomic Absorption		301.00	1	2.00	0.00	0.00	1	2.00	0.00	0.00
Selenium, ICP		301.30	2	1.90	2.20	0.20	2	1.90	2.20	0.20
Selenium, Other		301.99	2	2.29	2.46	0.26	2	2.29	2.46	0.26
Method Group 301.XX PPM			5	2.08	1.91	0.18	5	2.08	1.91	0.18
Sodium, Other		311.99	8	0.16	0.03	0.02	7	0.16	0.02	0.01
Acid Soluble Zinc, Atomic Absorption ..	975.02	321.00	13	38.743	2.361	0.458	13	38.743	2.361	0.458
Acid Soluble Zinc, ICP		321.30	34	39.427	3.154	0.748	32	39.852	2.555	0.521
Acid Soluble Zinc, Other		321.99	3	38.042	1.799	1.161	3	38.042	1.799	1.161
Method Group 321.XX PCT			50	39.166	2.911	0.697	47	39.490	2.508	0.488
Water Soluble Zinc, ICP		325.30	1	3.875	0.021	0.030	1	3.875	0.021	0.030

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
<u>Meth: 001.99 PCT</u>			<u>Meth: 020.10 PCT</u>			<u>Meth: 020.40 PCT</u>			<u>Meth: 020.XX PCT</u>			<u>Meth: 020.XX PCT</u>		
Ammoniacal Nitrogen			Total Phosphate			Total Phosphate			Total Phosphate			Total Phosphate		
<u>Other</u>			<u>Grav Quimociac</u>			<u>Automated</u>								
096	0.08	.71	114	46.51	.77	486	46.51	1.64	483	48.35 R	3.23	049	45.70	-.50
			211	46.57	.71	409	46.39	.96	368	48.20 R	2.98	481	45.45 X	-.71
			493	46.40	.44	035	46.25	.34	291	48.06	2.72	200	45.24	-.96
<u>Meth: 010.12 PCT</u>			444			46.14			470			46.11		
Total Nitrogen			444			46.14			470			46.11		
<u>Salicylic</u>			470			46.11			470			46.11		
504	0.17	.71	470	46.11	-.05	470	46.16	-.30	502	46.67 X	.92	234	44.71	-1.65
			090	46.01	-.22	456	46.02	-1.09	487	46.64	.89	027	44.44	-2.02
<u>Meth: 010.60 PCT</u>			049			45.70			114			46.51		
Total Nitrogen			049			45.70			114			46.51		
<u>Combustion</u>			322			44.85			451			46.39		
426	45.44 s	805.00	322			44.85			451			46.39		
096	0.21	1.78	322			44.85			451			46.39		
354	0.13	.43	322			44.85			451			46.39		
292	0.12	.18	322			44.85			451			46.39		
325	0.12	.13	322			44.85			451			46.39		
Avg	0.11		322			44.85			451			46.39		
482	0.11	-.12	322			44.85			451			46.39		
389	0.06	-.90	322			44.85			451			46.39		
502	0.03 X	-1.51	322			44.85			451			46.39		
<u>Meth: 010.XX PCT</u>			<u>Meth: 020.20 PCT</u>			<u>Meth: 020.50 PCT</u>			211			46.57		
Total Nitrogen			Total Phosphate			Total Phosphate			486			46.51		
426	45.44 s	809.39	Total Phosphate			Total Phosphate			504			46.42		
096	0.21	1.67	Spectrometric			ICP			402			46.06		
504	0.17	.91	324	45.95 R	3.08	483	48.35	1.48	493	46.40	.56	420	22.83 s	-30.20
354	0.13	.31	406	46.90	1.70	368	48.20	1.33	409	46.39	.54	230	16.70 s	-38.24
292	0.12	.06	504	46.42	1.02	291	48.06	1.15	025	46.30	.44	<u>Meth: 030.10 PCT</u>		
Avg	0.11		292	46.29	.82	389	47.14	.41	292	46.29	.40	Insoluble Phosphate		
482	0.11	-.12	416	46.18	.68	502	46.67 X	.14	035	46.25	.36	<u>Grav Quimociac</u>		
389	0.06	-.90	405	46.07	.51	Avg	46.62		416	46.18	.29	090		
502	0.03 X	-1.51	220	46.05	.50	025	46.30	-.27	444	46.14	.27	0.09		
<u>Meth: 010.XX PCT</u>			231	46.01	.43	451	46.39	-.39	247	46.18	.26	<u>Meth: 030.20 PCT</u>		
Total Nitrogen			506	45.90	.40	247	46.13	-.40	470	46.16	.23	Insoluble Phosphate		
426	45.44 s	809.39	258	45.80	.19	402	46.06	-.56	247	46.13	.20	Spectrometric		
096	0.21	1.67	371	45.74	.17	482	44.85	-1.41	470	46.11	.17	405		
504	0.17	.91	Avg	45.71		234	44.71	-1.53	220	46.05	.12	0.17		
354	0.13	.31	169	45.67	-.18	307	38.85 s	-6.22	405	46.07	.12	Avg		
292	0.12	.06	481	45.45 X	-.42	<u>Meth: 020.99 PCT</u>			456	46.02	.10	0.16		
Avg	0.12		200	45.24	-.67	Total Phosphate			096	45.99	.08	220		
325	0.12	-.09	309	44.87	-1.19	Other			503	45.98	.08	0.16		
482	0.11	-.22	027	44.44	-1.83	487			231	46.01	.05	-.87		
389	0.06	-1.03	498	44.30	-2.02	487			090	46.01	.04	<u>Meth: 030.40 PCT</u>		
502	0.03 X	-1.64	420	22.83 s	-32.60	503			Avg	45.98		Insoluble Phosphate		
<u>Meth: 020.10 PCT</u>			230	16.70 s	-41.39	500			258	45.80	-.26	Automated		
Total Phosphate						Avg			506	45.90	-.28	027		
<u>Grav Quimociac</u>						455			371	45.74	-.35	0.43		
504	46.96	1.39				455			500	45.75	-.35	Avg		
						455			169	45.67	-.43	0.38		
						455						096		
						455						0.34		
						455						-.95		

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index		
Meth: 030.50 PCT Insoluble Phosphate <u>ICP</u>			Meth: 040.40 PCT InDir Available Phos <u>Automated</u>			Meth: 041.10 PCT Dir Available Phosph <u>Grav Quimociac</u>			Meth: 041.60 PCT Dir Available Phosph <u>EDTA Extract</u>			Meth: 041.XX PCT Dir Available Phosph				
409	0.16	.71	409	46.23	.84	494	46.18	-.27	029	46.94	1.19	105	46.60	.67		
			Avg	45.94		102	45.30	-1.80	034	46.73	.97	086	46.61	.64		
			096	45.66	-.90	185	45.09	-2.19	018	46.25	.89	485	46.53	.55		
Meth: 030.99 PCT Insoluble Phosphate <u>Other</u>			Meth: 040.99 PCT InDir Available Phos <u>Other</u>			Meth: 041.20 PCT Dir Available Phosph <u>Spectrometric</u>			233			46.73	.87	105	46.48	.50
503	0.37	1.03	247	46.06	1.24	506	45.50	.90	136	46.69	.79	177	46.48	.43		
169	0.27 X	.38	Avg	45.70		Avg	45.27		105	46.60	.75	055	46.44	.40		
Avg	0.25		503	45.62	-.33	504	45.04	-.83	231	46.55	.56	041	46.43 X	.36		
247	0.12	-1.14	275	45.44	-.93				043	46.31	.20	351	46.38	.33		
Meth: 030.XX PCT <u>Insoluble Phosphate</u>			Meth: 040.XX PCT InDir Available Phos			Meth: 041.40 PCT Dir Available Phosph <u>Automated</u>			Avg			46.20		105	46.32	.28
027	0.43	1.66	409	46.23	1.56	494	46.53	.93	220	45.95	-.41	043	46.31	.21		
503	0.37	1.13	247	46.06	.86	Avg	45.89		073	45.90	-.50	494	46.18	.10		
096	0.34	.96	220	45.90	.31	095	45.25	-.80	177	45.47	-1.18	Avg	46.16			
169	0.27 X	.45	090	45.92	.31	027	38.85 S	-9.19	472	45.74 R	-1.42	043	46.02	-.20		
Avg	0.23		405	45.90	.26				106	45.37	-1.47	220	45.95	-.30		
405	0.17	-.56	Avg	45.84		Meth: 041.99 PCT Dir Available Phosph <u>Other</u>			397	45.11	-1.76	073	45.90	-.37		
409	0.16	-.60	096	45.66	-.86	230			48.95 S	12.91		360	45.87	-.41		
220	0.16	-.64	503	45.62	-.89	Meth: 041.50 PCT Dir Available Phosph <u>ICP</u>			105	46.32	.71	007	45.75	-.56		
247	0.12	-.93	275	45.44	-1.58	377			48.30	2.03		055	45.57	-.81		
090	0.09	-1.18				023			47.25	1.04		506	45.50	-.90		
Meth: 040.10 PCT InDir Available Phos <u>Grav Quim</u>			Meth: 041.10 PCT Dir Available Phosph <u>Grav Quimociac</u>			368			46.69	.50	Meth: 041.XX PCT Dir Available Phosph			177	45.47	-.94
090	45.92	.71	040	46.95	1.15	Avg			46.17		230	48.95 s	3.77	102	45.30	-1.16
			504	46.85	.96	043			46.02	-.15	377	48.30	2.88	472	45.74 R	-1.17
Meth: 040.20 PCT InDir Available Phos <u>Spectrometri</u>			086	46.61	.61	360			45.87	-.29	023	47.25	1.47	106	45.37	-1.19
405	45.90	.42	485	46.53	.50	007			45.75	-.40	040	46.95	1.06	095	45.25	-1.24
Avg	45.90		105	46.48	.47	055			45.57	-.58	029	46.94	1.05	486	45.18	-1.34
220	45.90	-1.15	177	46.48	.31	486			45.18	-.95	504	46.85	.92	185	45.09	-1.45
			055	46.44	.30	325			45.05 R	-1.23	034	46.73	.86	504	45.04	-1.51
			351	46.38	.24	354			44.90	-1.24	233	46.73	.78	325	45.05 R	-1.73
			041	46.43 X	.22						018	46.25 R	.75	354	44.90	-1.75
			Avg	46.31							494	46.53	.72	027	38.85 s	-10.39
											368	46.69	.72	Meth: 048.10 PCT Water Soluble Phosph <u>Grav Quimociac</u>		
											136	46.69	.71	504	40.93	.87
														Avg	40.12	

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 048.10 PCT			Meth: 050.50 PCT			Meth: 060.00 PCT			Meth: 101.30 PCT			Meth: 101.XX PCT		
<u>Water Soluble Phosph</u>			<u>Soluble Potash</u>			<u>Free Water</u>			<u>Acid Soluble Calcium</u>			<u>Acid Soluble Calcium</u>		
<u>Grav Quimociac</u>			<u>ICP (Oxalate)</u>			<u>Vacuum Oven</u>			<u>ICP</u>			<u>Avg</u>		
444	39.31	-0.86	420	0.17	1.01	105	5.78 s	32.48	035	14.80 R	2.18	482	13.15	-0.08
			Avg	0.14		409	2.20	1.37	354	14.26	1.36	247	13.12	-0.09
Meth: 048.20 PCT			354 0.12 -0.84			416 2.06 .21			389 13.95 .90			504 12.89 -0.42		
<u>Water Soluble Phosph</u>			292 0.14 -0.88			007 2.06 .19			041 13.95 X .87			504 12.84 -0.58		
<u>Spectrometric</u>			Meth: 050.51 PCT			Avg 2.05			420 13.63 .42			102 12.69 -0.69		
506	45.15	.84	Soluble Potash			456 2.04 -0.13			096 13.52 .24			307 11.90 -1.81		
096	41.13	.37	<u>ICP (Citrate)</u>			096 1.90 -1.59			409 13.38 .04			503 11.81 -1.92		
405	40.85	.33	096	0.16	.00	Meth: 060.20 PCT			Avg 13.35			494 1.59 s -16.24		
409	40.80	.33	Meth: 050.99 PCT			<u>Free Water</u>			482 13.15 -0.31			494 1.55 s -16.30		
504	39.99	.23	<u>Soluble Potash</u>			<u>Karl Fischer</u>			247 13.12 -0.35			Meth: 121.00 PCT		
Avg	38.06		Other			504 0.92 .71			102 12.69 -0.98			Acid Soluble Magnesi		
420	20.44	-2.09	503	0.26	1.17	Meth: 060.99 PCT			307 11.90 -2.16			AA		
Meth: 048.50 PCT			502	0.24 X	.89	<u>Free Water</u>			494 1.55 s -17.44			105 0.89 1.05		
<u>Water Soluble Phosph</u>			482	0.24	.89	<u>Other</u>			Meth: 101.70 PCT			Avg 0.88		
<u>ICP</u>			Avg	0.17		503 2.94 .71			Acid Soluble Calcium			504 0.88 -0.64		
501	48.57	.00	389	0.17	-0.14	Meth: 060.XX PCT			<u>Titrimetric</u>			Meth: 121.30 PCT		
Meth: 048.99 PCT			409	0.15	-0.32	<u>Free Water</u>			504 12.89 .71			Acid Soluble Magnesi		
<u>Water Soluble Phosph</u>			504	0.11	-0.85	105 5.78 s 6.58			Meth: 101.99 PCT			<u>ICP</u>		
<u>Other</u>			325	0.05	-1.65	503 2.94 1.62			Acid Soluble Calcium			409 1.51 s 8.01		
503	24.38	.71	Meth: 050.XX PCT			409 2.20 .33			Other			483 1.08 2.27		
Meth: 048.XX PCT			<u>Soluble Potash</u>			416 2.06 .09			502 13.48 X .87			502 1.04 X 1.76		
<u>Water Soluble Phosph</u>			503	0.26	1.49	007 2.06 .08			Avg 12.65			041 0.93 X .44		
501	48.57	1.22	502	0.24 X	1.15	456 2.04 .04			503 11.81 -0.87			247 0.92 .18		
506	45.15	.82	482	0.24	1.15	Avg 2.02			494 1.59 S -11.46			Avg 0.90		
096	41.13	.35	Avg	0.17		096 1.90 -0.27			Meth: 101.XX PCT			389 0.88 -0.30		
504	40.93	.32	420	0.17	-0.07	504 0.92 -1.92			Acid Soluble Calcium			049 0.88 -0.33		
405	40.85	.31	389	0.17	-0.08	Meth: 101.00 PCT			035 14.80 R 2.30			420 0.86 -0.57		
409	40.80	.31	096	0.16	-0.11	Acid Soluble Calcium			354 14.26 1.53			102 0.85 -0.70		
504	39.99	.22	409	0.15	-0.26	AA			389 13.95 1.09			035 0.85 -0.71		
444	39.31	.14	292	0.14 R	-0.52	504 12.84 .71			041 13.95 X 1.07			482 0.85 -0.76		
Avg	38.15		354	0.12	-0.66	Meth: 101.00 PCT			420 13.63 .63			307 0.84 -0.90		
503	24.38	-1.61	504	0.11	-0.89	Acid Soluble Calcium			096 13.52 .47			354 0.51 s -5.22		
420	20.44	-2.07	325	0.05	-1.82	AA			502 13.48 X .42			494 0.12 s -10.30		
									409 13.38 .27					

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 121.70 PCT			Meth: 144.01 PCT			Meth: 144.XX PCT			Meth: 151.99 PPM			Meth: 181.00 PPM		
Acid Soluble Magnesi			Sulfur			Sulfur			Arsenic			Cadmium		
<u>Titrimetric</u>			<u>Gravimetric</u>			<u>Gravimetric</u>			<u>Other</u>			<u>Atomic Absorption</u>		
504	0.88	.71	043	3.86 S	381.84	292	1.31	1.13	494	529.38 S	719.82	136	87.55	-1.21
			105	3.68 S	357.11	483	1.27	.92	117	399.00 S	535.49			
			504	1.16	.71	027	1.16	.22	220	20.40	.71			
Meth: 121.99 PCT			504			504			Avg			Meth: 181.30 PPM		
Acid Soluble Magnesi			Avg			Avg			20.40			Cadmium		
<u>Other</u>			1.16			1.12			20.40			<u>ICP</u>		
105	0.81	1.10	Meth: 144.02 PCT			247			Meth: 151.XX PPM			481		
Avg	0.80		Sulfur			389			<u>Arsenic</u>			103.00		
503	0.79	-.54	<u>Gravimetric</u>			102			494			94.00		
494	0.17 S	-37.21	292			096			529.38 s			86.10		
			1.31			502			81.88			.61		
			-.71			503			61.21			.47		
						502			1.57			.46		
						503			1.40			.18		
						354			1.16			.13		
						Meth: 151.00 PPM			041			.13		
						Arsenic			095			85.46		
						<u>Atomic Absorption</u>			102			81.53		
						506			17.07			-.38		
						Avg			15.22			-1.12		
						498			13.08			-1.24		
						2.84			096			-2.15		
						-0.87			486			-5.60		
						Meth: 151.30 PPM			481					
						Arsenic			230			Meth: 181.99 PPM		
						<u>ICP</u>			506			Cadmium		
						368			3.30			<u>Other</u>		
						220			-1.55			494		
						041			-1.70			201.59 S		
						095			2.39			.00		
						17.07			Meth: 165.99 PCT			Meth: 181.XX PPM		
						1.02			Acid Soluble Boron			<u>Cadmium</u>		
						.54			<u>Other</u>			494		
						.30			354			201.59 s		
						Avg			0.008			8.70		
						049			0.005			1.90		
						096			389			1.34		
						12.95			0.003			1.09		
						-0.56			Meth: 181.00 PPM			095		
						486			Cadmium			94.00		
						481			<u>Atomic Absorption</u>			90.05		
						230			498			.18		
						-1.67			113.65			.10		
						043			506			87.55		
						3.86 s			102.40			-1.17		
						16.87								
						105								
						3.68 s								
						15.79								
						482								
						1.55 R								
						3.05								
						506								
						1.47								
						2.15								

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
<u>Meth: 181.XX PPM</u>			<u>Meth: 191.00 PPM</u>			<u>Meth: 191.XX PPM</u>			<u>Meth: 202.XX PPM</u>			<u>Meth: 221.30 PCT</u>		
<u>Cadmium</u>			<u>Chromium</u>			<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			<u>Acid Soluble Copper</u>		
482	87.05	-.18	<u>Atomic Absorption</u>			041	340.00 R	-.42	Avg	6.28		<u>ICP</u>		
035	86.40	-.22	506	623.50	.53	486	306.70	-.54	482	5.90	-.19	354	0.0020 S	-6.75
368	86.10	-.55	Avg 580.83			230	125.50	-1.68	102	5.85	-.19	Meth: 221.99 PCT		
049	81.53	-.59	481	475.00	-1.28	494	107.56	-1.79	220	5.75	-.23	Acid Soluble Copper		
041	79.44 R	-1.10	Meth: 191.30 PPM			Meth: 202.00 PPM			041	5.90 X	-.28	Other		
444	72.16	-1.31	<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			096	4.58	-.75	494 1.2915 S1188.26		
486	62.55	-2.06	<u>ICP</u>			<u>AA</u>			230	1.87	-1.95	105 0.0092 1.20		
230	25.40 s	-4.92	096	440.45	.94	506	8.75	.71	Meth: 221.00 PCT			Avg 0.0092		
Meth: 190.00 PCT			368	427.00	.89	Meth: 202.30 PPM			Acid Soluble Copper			503 0.0092 -.23		
<u>Water Soluble Chlori</u>			220	429.50	.71	<u>Acid Soluble Cobalt</u>			<u>Atomic Absorption</u>			Meth: 221.XX PCT		
<u>Titrimetric</u>			035	421.00	.53	<u>ICP</u>			506	1.2800 s	1690.64	<u>Acid Soluble Copper</u>		
043	0.11	1.74	102	415.07	.41	494	104.37 s	45.19	504	0.0085	.96	494 1.2915 s1250.46		
506	0.05	.34	Avg 395.59			368	10.15	1.92	043	0.0082	.54	506 1.2800 s1237.18		
Avg	0.04		482	385.00	-.28	095	7.00	.65	481	0.0082	.52	494 1.1173 s1078.73		
220	0.02	-.41	444	340.00	-1.16	035	7.04	.51	Avg	0.0078		502 0.0100 X 1.86		
481	0.01	-.76	041	340.00 R	-1.45	Avg	6.00		105	0.0075	-.46	482 0.0100 1.86		
504	0.01	-.78	486	306.70	-1.86	102	5.85	-.07	498	0.0066	-1.68	105 0.0092 R 1.66		
Meth: 190.99 PCT			230	125.50 s	-5.64	482	5.90	-.10	Meth: 221.30 PCT			503 0.0092 1.06		
<u>Water Soluble Chlori</u>			Meth: 191.99 PPM			220	5.75	-.12	<u>Acid Soluble Copper</u>			041 0.0090 X .89		
<u>Other</u>			<u>Chromium</u>			041	5.90 X	-.23	<u>ICP</u>			504 0.0085 .41		
368	0.26	.71	<u>Other</u>			096	4.58	-.66	494	1.1173 s	1187.74	483 0.0084 .36		
Meth: 190.XX PCT			494	107.56	-.71	230	1.87	-1.90	482	0.0100	1.82	220 0.0082 .16		
<u>Water Soluble Chlori</u>			Meth: 191.XX PPM			Meth: 202.99 PPM			502	0.0100 X	1.82	481 0.0082 .16		
368	0.26	1.97	<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			041	0.0090 X	.75	043 0.0082 .13		
043	0.11	.38	504	644.00	1.58	<u>Other</u>			483	0.0084	.22	Avg 0.0081		
Avg	0.08		506	623.50	1.45	494	100.08 S	.00	Avg	0.0083		102 0.0080 -.09		
506	0.05	-.31	481	475.00	.52	Meth: 202.XX PPM			220	0.0082	-.23	096 0.0080 -.13		
220	0.02	-.57	096	440.45	.30	<u>Acid Soluble Cobalt</u>			102	0.0080	-.32	095 0.0080 -.13		
481	0.01	-.73	368	427.00 R	.28	494	104.37 s	43.35	095	0.0080	-.34	389 0.0079 -.20		
504	0.01	-.73	220	429.50	.23	494	100.08 s	41.46	096	0.0080	-.37	035 0.0078 -.47		
Meth: 191.00 PPM			102	415.07	.14	368	10.15	1.73	389	0.0079	-.41	444 0.0076 -.48		
<u>Chromium</u>			Avg 392.77			506	8.75	1.22	035	0.0078	-.70	105 0.0075 -.58		
<u>Atomic Absorption</u>			482	385.00	-.07	095	7.00	.55	444	0.0076	-.76	433 0.0068 -1.27		
504	644.00	.76	444	340.00	-.33	035	7.04	.39	433	0.0068	-1.62	498 0.0066 -1.52		
									368	0.0060 R	-2.57	368 0.0060 -2.13		
									230	0.0023 S	-6.42	230 0.0023 s -5.62		

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 221.XX PCT			Meth: 241.99 PCT			Meth: 251.30 PPM			Meth: 261.11 PCT			Meth: 261.XX PCT		
<u>Acid Soluble Copper</u>			Acid Soluble Iron			Lead			Acid Soluble Manganese			<u>Acid Soluble Manganese</u>		
354	0.0020	s -5.92	<u>Other</u>			<u>ICP</u>			<u>AA</u>			307	0.021	.36
Meth: 241.00 PCT			Avg	0.75		041	7.42	R 2.02	105	0.022	.71	389	0.021	.27
Acid Soluble Iron			503	0.72	-.78	035	7.02	1.75	Meth: 261.30 PCT			049	0.020	.14
<u>Atomic Absorption</u>			Meth: 241.XX PCT			095 6.00 1.19			Acid Soluble Manganese			Avg 0.020		
105	0.81	.87	<u>Acid Soluble Iron</u>			368 4.60 .45			<u>ICP</u>			502	0.020	X -.04
Avg 0.66			494	3.51	s 17.38	481 4.60 .43			494 0.208 s 249.58			102	0.020	-.04
504	0.51	-.87	494	2.59	s 11.55	Avg 3.80			041 0.022 X 1.69			482	0.020	-.04
Meth: 241.20 PCT			409	1.10	2.17	102 3.40 -.22			420 0.021 .93			035	0.020	-.10
Acid Soluble Iron			502	0.90	X .95	486 2.90 -.49			096 0.021 .84			354	0.013	-3.07
<u>Colormetric</u>			041	0.89	X .88	096 2.40 -.77			307 0.021 .36			Meth: 281.00 PPM		
504	0.42	.00	483	0.83	.53	220 1.80 -1.09			Avg 0.021			Mercury		
Meth: 241.30 PCT			482	0.83	.50	230 1.50 -1.25			389 0.021 -.40			<u>Atomic Absorption</u>		
Acid Soluble Iron			105	0.81	.34	Meth: 251.99 PPM			049 0.020 -.70			506	31.25	.71
<u>ICP</u>			389	0.80	.31	Lead			102 0.020 -.97			Meth: 289.00 PPM		
494	3.51	s 19.40	049	0.79	.25	<u>Other</u>			482 0.020 -.97			Molybdenum		
409	1.10	2.17	105	0.78	.22	494 5124.0 S .00			035 0.020 -1.17			<u>Atomic Absorption</u>		
502	0.90	X .79	420	0.78	.17	Meth: 251.XX PPM			354 0.013 s -10.99			506	45.75	.87
041	0.89	X .71	102	0.78	.16	<u>Lead</u>			Meth: 261.99 PCT			498	10.43	-.86
483	0.83	.31	Avg	0.75		494 5124.0 s1809.49			Acid Soluble Manganese			Meth: 289.30 PPM		
482	0.83	.29	096	0.74	-.09	504 26.48 s 7.80			<u>Other</u>			Molybdenum		
389	0.80	.07	503	0.72	-.17	506 11.95 2.66			494 0.230 S 53.59			<u>ICP</u>		
Avg	0.79		035	0.69	-.37	041 7.42 R 1.11			503 0.028 1.16			494	957.56	s 206.77
049	0.79	-.01	307	0.69	-.40	035 7.02 .93			Avg 0.024			368	20.50	2.00
420	0.78	-.09	504	0.51	-1.55	095 6.00 .56			105 0.023 -.43			220	14.10	.59
102	0.78	-.12	354	0.47	-1.78	368 4.60 .10			502 0.020 X -.98			041	13.64	X .56
096	0.74	-.37	504	0.42	-2.08	481 4.60 .06			Meth: 261.XX PCT			095	13.00	.41
035	0.69	-.71	Meth: 251.00 PPM			Avg 4.42			Acid Soluble Manganese			035	12.70	.30
307	0.69	-.73	Lead			136 4.05 -.23			494 0.230 s 84.65			102	11.49	.01
354	0.47	-2.30	<u>Atomic Absorption</u>			102 3.40 -.36			494 0.208 s 75.72			Avg 11.42		
Meth: 241.99 PCT			504	26.48	S 4.55	486 2.90 -.54			503 0.028 R 3.26			433	9.59	-.40
Acid Soluble Iron			506	11.95	1.28	498 2.82 -.57			105 0.023 R 1.41			486	8.25	-.70
<u>Other</u>			Avg	6.27		096 2.40 -.72			105 0.022 .85			096	7.95	-.76
494	2.59	S 50.01	136	4.05	-.52	220 1.80 -.93			041 0.022 X .76			230	3.03	-1.83
105	0.78	.95	498	2.82	-.78	230 1.50 -1.03			420 0.021 .53					
									096 0.021 .50					

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 289.XX PPM			Meth: 291.30 PPM			Meth: 301.30 PPM			Meth: 321.00 PCT			Meth: 321.30 PCT		
<u>Molybdenum</u>			<u>Nickel</u>			<u>Selenium</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>		
494	957.56 s	216.89	486	145.30	-2.47	368	3.80	.87	028	43.050	1.84	482	39.455	-.21
506	45.75 A	7.89	230	70.05 s	-4.77	Avg	1.90		029	40.810	.88	073	39.290	-.23
368	20.50	2.12	Meth: 291.99 PPM			095	0.00	-.86	136	40.100	.58	324	39.450	-.24
220	14.10	.64	<u>Nickel</u>			Meth: 301.99 PPM			351	39.725	.51	025	39.700	-.24
041	13.64 X	.60	<u>Other</u>			<u>Selenium</u>			043	39.935	.51	231	38.995	-.34
095	13.00	.45	494	181.58	.71	<u>Other</u>			504	39.595	.38	486	39.050	-.36
035	12.70	.33	Meth: 291.XX PPM			494	4.41	.87	040	39.353	.26	102	38.830	-.41
102	11.49	.04	<u>Nickel</u>			Avg	2.29		169	38.880	.12	377	38.000	-.73
Avg	11.33		368	250.00 R	1.18	485	0.17	-.86	498	38.850	.05	114	37.365	-.98
498	10.43	-.21	444	248.50	1.00	Meth: 301.XX PPM			Avg	38.743		055	37.330	-.99
433	9.59	-.40	095	248.00	.98	<u>Selenium</u>			258	38.050	-.31	389	37.055	-1.10
486	8.25	-.71	096	246.75	.94	494	4.41	1.23	506	35.350	-1.44	230	36.600	-1.29
096	7.95	-.78	220	240.50	.74	368	3.80	.91	200	34.995 X	-1.59	483	36.500	-1.32
230	3.03	-1.90	035	239.50	.71	Avg	2.08		481	34.960	-1.60	247	36.200	-1.44
Meth: 291.00 PPM			136	237.50	.65	506	2.00	-.04	Meth: 321.30 PCT			426	35.328	-1.77
<u>Nickel</u>			102	235.78	.59	485	0.17	-1.00	<u>Acid Soluble Zinc</u>			325	35.250 R	-2.37
<u>Atomic Absorption</u>			049	228.58	.37	095	0.00	-1.08	<u>ICP</u>			472	30.020 A	-3.85
136	237.50	1.44	Avg	217.38		Meth: 311.99 PCT			106	48.855 s	3.67	041	24.000 s	-6.20
506	210.00	.18	506	210.00	-.25	<u>Sodium</u>			494	47.127	2.85	402	20.670 s	-7.51
Avg	206.84		482	201.50	-.52	<u>Other</u>			291	44.645	1.88	502	20.145 s	-7.75
498	195.35	-.54	041	214.30 R	-.60	502	0.27 s	5.00	420	44.345	1.76	Meth: 321.99 PCT		
481	184.50	-1.05	498	195.35	-.71	494	0.18 R	1.79	034	42.745	1.14	<u>Acid Soluble Zinc</u>		
Meth: 291.30 PPM			481	184.50	-1.06	409	0.19	1.48	368	42.330	.98	<u>Other</u>		
<u>Nickel</u>			494	181.58	-1.16	Avg	0.16		397	41.800	.76	494	39.962	1.07
<u>ICP</u>			486	145.30	-2.32	102	0.15	-.29	157	41.600	.69	Avg	38.042	
368	250.00 R	.90	230	70.05 s	-4.73	482	0.15	-.54	095	40.755	.38	220	37.150	-.50
444	248.50	.69	Meth: 301.00 PPM			096	0.15	-.54	354	40.534	.34	042	37.015	-1.05
095	248.00	.67	<u>Selenium</u>			035	0.15	-.74	Avg	40.555	.29	487	21.685 S	-9.09
096	246.75	.64	<u>Atomic Absorption</u>			503	0.13	-1.15	371	40.230	.26	Meth: 321.XX PCT		
220	240.50	.44	506	2.00	.00	Meth: 321.00 PCT			023	40.406	.22	<u>Acid Soluble Zinc</u>		
035	239.50	.42	Meth: 321.00 PCT			035	0.15	-.74	292	40.240	.15	106	48.855 s	3.88
102	235.78	.30	<u>Acid Soluble Zinc</u>			503	0.13	-1.15	433	40.010	.08	494	47.127	3.05
049	228.58	.10	<u>ICP</u>			Meth: 321.00 PCT			177	39.999	.07	291	44.645	2.06
Avg	226.05		Meth: 321.00 PCT			<u>Acid Soluble Zinc</u>			Avg	39.852		420	44.345	1.94
041	214.30 R	-.67	<u>Acid Soluble Zinc</u>			<u>ICP</u>			444	39.370	-.19	028	43.050	1.44
482	201.50	-.75	<u>ICP</u>			Meth: 321.00 PCT			307	39.420	-.20	Meth: 321.00 PCT		
Meth: 321.00 PCT			<u>ICP</u>			<u>Acid Soluble Zinc</u>			Meth: 321.00 PCT			<u>Acid Soluble Zinc</u>		

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
Meth: 321.XX PCT		
<u>Acid Soluble Zinc</u>		
034	42.745	1.30
368	42.330	1.14
397	41.800	.92
157	41.600	.85
029	40.810	.53
095	40.755	.52
354	40.534	.47
049	40.555	.43
371	40.230	.37
023	40.406	.37
292	40.240	.30
351	39.725	.29
136	40.100	.26
025	39.700	.25
433	40.010	.21
177	39.999	.21
494	39.962	.19
043	39.935	.18
504	39.595	.12
Avg	39.490	
040	39.353	-.06
444	39.370	-.06
073	39.290	-.10
307	39.420	-.11
482	39.455	-.14
324	39.450	-.18
231	38.995	-.20
498	38.850	-.26
486	39.050	-.26
169	38.880	-.26
102	38.830	-.28
258	38.050	-.58
377	38.000	-.60
114	37.365	-.85
055	37.330	-.86
220	37.150	-.93
389	37.055	-.97
230	36.600	-1.17

Lab	Average*	Index
Meth: 321.XX PCT		
<u>Acid Soluble Zinc</u>		
042	37.015 R	-1.17
483	36.500	-1.20
247	36.200	-1.32
506	35.350	-1.65
426	35.328	-1.66
200	34.995 X	-1.79
481	34.960	-1.81
325	35.250 R	-2.31
472	30.020 A	-3.78
041	24.000 s	-6.18
487	21.685 s	-7.10
402	20.670 s	-7.50
502	20.145 s	-7.75
Meth: 325.30 PCT		
<u>Water Soluble Zinc</u>		
<u>ICP</u>		
444	3.875	.71

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs	Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
010.60	8	100.62	284.60	2.21	144.99	11	0.36	1.53	0.64
010.XX	9	89.93	269.79	2.10	144.XX	16	2.20	5.63	0.41
020.10	9	0.00	0.99	0.25	151.00	2	0.00	1.22	0.02
020.20	19	- 3.87	11.79	0.89	151.30	10	0.09	1.00	0.22
020.40	8	- 4.13	11.71	3.07	151.99	3	418.41	373.90	5.39
020.50	12	- 0.52	2.02	0.29	151.XX	14	10.31	26.27	0.31
020.99	4	0.00	1.07	0.13	165.99	2	0.000	1.206	0.150
020.XX	49	- 1.65	7.14	0.64	165.XX	2	0.000	1.206	0.150
030.20	2	0.00	0.87	0.61	181.00	3	0.00	1.09	0.19
030.40	2	0.00	0.88	0.60	181.30	13	- 0.47	1.80	0.34
030.99	3	0.00	1.07	0.27	181.XX	17	0.18	2.66	0.27
030.XX	9	0.00	1.00	0.23	190.00	5	0.00	1.05	0.16
040.20	2	0.00	0.07	0.86	190.XX	6	0.00	1.04	0.13
040.40	2	0.00	1.18	0.24	191.00	3	0.00	1.11	0.07
040.99	3	0.00	1.11	0.08	191.30	10	- 0.68	1.99	0.34
040.XX	8	0.00	1.01	0.19	191.XX	14	- 0.01	0.95	0.09
041.10	12	0.00	1.00	0.19	202.30	10	4.52	14.32	0.21
041.20	2	0.00	1.17	0.26	202.XX	11	3.86	12.82	0.38
041.40	3	- 2.89	5.07	1.79	221.00	6	281.69	690.00	16.272
041.50	10	- 0.11	1.02	0.23	221.30	16	73.244	297.16	4.9967
041.60	14	- 0.05	0.94	0.47	221.99	3	395.31	684.69	42.882
041.99	2	6.42	9.09	1.00	221.XX	23	103.88	346.07	22.110
041.XX	36	- 0.23	2.02	0.69	241.00	2	0.00	1.22	0.02
048.10	2	0.00	1.20	0.18	241.30	14	1.38	5.27	0.22
048.20	6	0.00	1.05	0.01	241.99	3	16.67	28.88	0.75
048.XX	9	- 0.03	1.08	0.02	241.XX	17	0.94	3.60	0.72
050.50	3	0.00	0.92	0.52	251.00	4	1.14	2.45	0.07
050.99	7	0.00	1.04	0.08	251.30	10	0.20	1.15	0.18
050.XX	11	- 0.04	0.98	0.12	251.XX	15	121.18	466.89	12.06
060.00	6	5.41	13.28	0.49	261.30	11	21.687	75.642	1.614
060.XX	8	0.82	2.52	0.09	261.99	4	13.397	26.808	0.257
101.30	12	- 1.28	5.21	0.18	261.XX	14	5.972	21.395	1.249
101.99	3	- 3.82	6.67	0.04	289.00	2	0.00	1.22	0.04
101.XX	15	- 0.90	4.40	0.17	289.30	11	18.79	62.32	1.84
121.00	2	0.00	0.39	0.82	289.XX	13	17.28	59.99	1.78
121.30	15	- 0.50	3.83	0.15	291.00	4	0.00	1.08	0.08
121.99	3	- 12.40	21.49	0.59	291.30	12	- 0.37	1.66	0.23
121.XX	18	- 0.35	3.61	0.22	291.XX	17	- 0.22	1.50	0.21
144.01	3	246.31	213.67	2.77	301.30	2	0.00	1.22	0.06

Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs	Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
301.99	2	0.00	1.22	0.07					
301.XX	5	0.00	1.06	0.07					
311.99	9	0.63	1.80	0.76					
311.XX	9	0.63	1.80	0.76					
321.00	13	0.000	1.012	0.127					
321.30	38	- 0.620	2.332	0.345					
321.99	4	- 2.273	4.608	0.446					
321.XX	54	- 0.608	2.196	0.368					