

- Pass 1 Results for 80 Labs - - Pass 2 Results for 80 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, MgO Distillation	920.03	001.10	8	9.65	0.15	0.03	8	9.65	0.15	0.03
Ammoniacal Nitrogen, Other		001.99	9	9.59	0.27	0.07	8	9.64	0.24	0.04
Method Group 001.XX PCT			17	9.62	0.22	0.05	16	9.65	0.20	0.03
Nitrate Nitrogen, Jones Modified	930.02	002.20	1	0.77	0.04	0.05	1	0.77	0.04	0.05
Nitrate Nitrogen, Other		002.99	5	0.60	0.05	0.03	5	0.60	0.05	0.03
Method Group 002.XX PCT			6	0.63	0.08	0.03	6	0.63	0.08	0.03
Nitrogen From Urea, Urease (as N)	959.03	005.00	1	0.18	0.04	0.05	1	0.18	0.04	0.05
Ammon & Nitrate N, Devarda	892.01	009.10	5	10.39	0.15	0.04	5	10.39	0.15	0.04
Total Nitrogen, Modified Comprehensive	978.02	010.11	3	10.53	0.07	0.07	3	10.53	0.07	0.07
Total Nitrogen, Salicylic	955.04D	010.12	2	10.61	0.05	0.08	2	10.61	0.05	0.08
Total Nitrogen, Combustion		010.60	50	10.68	0.17	0.09	49	10.68	0.16	0.09
Total Nitrogen, Other		010.99	5	10.40	0.18	0.07	5	10.40	0.18	0.07
Method Group 010.XX PCT			62	10.63	0.20	0.09	60	10.62	0.19	0.08
Total Phosphate, Grav Quimociac	962.02	020.10	4	9.51	0.05	0.04	4	9.51	0.05	0.04
Total Phosphate, Spectrometric	958.01	020.20	15	9.52	0.24	0.10	14	9.51	0.24	0.08
Total Phosphate, Automated	978.01	020.40	3	9.49	0.04	0.04	3	9.49	0.04	0.04
Total Phosphate, ICP		020.50	11	9.66	0.43	0.22	11	9.66	0.43	0.22
Total Phosphate, Other		020.99	3	9.74	0.25	0.04	3	9.74	0.25	0.04
Method Group 020.XX PCT			37	9.57	0.30	0.12	35	9.58	0.30	0.10
Insoluble Phosphate, Grav Quimociac	963.03C	030.10	1	0.03	0.00	0.00	1	0.03	0.00	0.00
Insoluble Phosphate, Spectrometric	963.03C	030.20	2	0.06	0.02	0.00	2	0.06	0.02	0.00
Insoluble Phosphate, Automated	978.01	030.40	1	0.06	0.01	0.01	1	0.06	0.01	0.01
Insoluble Phosphate, ICP		030.50	1	0.05	0.00	0.00	1	0.05	0.00	0.00
Insoluble Phosphate, Other		030.99	2	0.04	0.01	0.01	2	0.04	0.01	0.01
Method Group 030.XX PCT			7	0.05	0.01	0.00	7	0.05	0.01	0.00
InDir Available Phosphate, Grav Quim	960.02	040.10	2	9.30	0.24	0.01	2	9.30	0.24	0.01
InDir Available Phosphate, Spectrometri	960.02	040.20	2	9.50	0.10	0.17	2	9.50	0.10	0.17
InDir Available Phosphate, Automated	960.02	040.40	1	9.41	0.07	0.10	1	9.41	0.07	0.10
InDir Available Phosphate, ICP		040.50	1	9.70	0.06	0.09	1	9.70	0.06	0.09
InDir Available Phosphate, Other		040.99	2	9.35	0.12	0.06	2	9.35	0.12	0.06
Method Group 040.XX PCT			8	9.43	0.19	0.08	8	9.43	0.19	0.08
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	12	9.48	0.12	0.11	12	9.48	0.12	0.11
Dir Available Phosphate, Spectrometric	960.03D	041.20	1	9.72	0.16	0.22	1	9.72	0.16	0.22
Dir Available Phosphate, Automated	978.01	041.40	4	9.53	0.28	0.07	4	9.53	0.28	0.07
Dir Available Phosphate, ICP		041.50	11	9.55	0.25	0.21	11	9.55	0.25	0.21
Dir Available Phosphate, EDTA Extract	993.01	041.60	9	9.35	0.23	0.09	9	9.35	0.23	0.09
Dir Available Phosphate, Other		041.99	2	9.59	0.29	0.00	2	9.59	0.29	0.00
Method Group 041.XX PCT			39	9.49	0.23	0.13	36	9.49	0.22	0.10
Water Soluble Phosphate, Spectrometric	970.01	048.20	3	6.77	0.47	0.11	3	6.77	0.47	0.11

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Water Soluble Phosphate, ICP		048.50	1	6.22	0.08	0.12	1	6.22	0.08	0.12
Method Group 048.XX PCT			4	6.63	0.47	0.11	4	6.63	0.47	0.11
Soluble Potash, STPB Oxalate	958.02	050.00	10	9.74	0.22	0.04	9	9.79	0.17	0.02
Soluble Potash, STPB Citrate	969.04	050.10	2	9.68	0.33	0.08	2	9.68	0.33	0.08
Soluble Potash, AA (Oxalate)		050.30	7	9.90	0.35	0.16	7	9.90	0.35	0.16
Soluble Potash, AA (Citrate)		050.31	2	9.28	0.63	0.15	2	9.28	0.63	0.15
Soluble Potash, ICP (Oxalate)		050.50	7	9.83	0.30	0.15	7	9.83	0.30	0.15
Soluble Potash, ICP (Citrate)		050.51	9	10.06	0.36	0.11	9	10.06	0.36	0.11
Soluble Potash, Flame (Oxalate)	983.02(a)	050.60	3	9.79	0.38	0.03	3	9.79	0.38	0.03
Soluble Potash, Flame (Citrate)	983.02(b)	050.61	9	10.09	0.22	0.11	9	10.09	0.22	0.11
Soluble Potash, Other		050.99	19	9.90	0.44	0.17	18	9.88	0.42	0.12
Method Group 050.XX PCT			69	9.88	0.39	0.12	67	9.89	0.36	0.11
Free Water, Vacuum Oven	965.08B	060.00	5	1.42	0.21	0.07	5	1.42	0.21	0.07
Free Water, Other		060.99	1	4.06	0.23	0.33	1	4.06	0.23	0.33
Method Group 060.XX PCT			6	1.86	1.05	0.12	6	1.86	1.05	0.12
Acid Soluble Calcium, AA	945.04	101.00	11	4.21	0.24	0.15	10	4.22	0.24	0.12
Acid Soluble Calcium, ICP		101.30	32	4.39	0.28	0.11	30	4.35	0.23	0.10
Acid Soluble Calcium, Titrimetric	945.03	101.70	1	4.36	0.05	0.08	1	4.36	0.05	0.08
Acid Soluble Calcium, Other		101.99	1	4.70	0.00	0.00	1	4.70	0.00	0.00
Method Group 101.XX PCT			45	4.35	0.28	0.12	41	4.31	0.21	0.10
Acid Soluble Magnesium, AA	984.01	121.00	10	1.98	0.09	0.05	9	1.97	0.08	0.04
Acid Soluble Magnesium, ICP		121.30	33	1.96	0.10	0.04	32	1.97	0.09	0.03
Acid Soluble Magnesium, Titrimetric ...	964.01	121.70	1	2.23	0.00	0.00	1	2.23	0.00	0.00
Method Group 121.XX PCT			45	1.97	0.12	0.04	42	1.98	0.10	0.03
Water Soluble Magnesium, AA		131.00	1	1.65	0.02	0.03	1	1.65	0.02	0.03
Water Soluble Magnesium, ICP		131.30	1	1.77	0.02	0.03	1	1.77	0.02	0.03
Method Group 131.XX PCT			2	1.71	0.07	0.03	2	1.71	0.07	0.03
Sulfur, Gravimetric	980.02a	144.01	11	13.50	0.31	0.15	10	13.55	0.26	0.09
Sulfur, Gravimetric	980.02b	144.02	1	13.41	0.01	0.01	1	13.41	0.01	0.01
Sulfur, Spectrometric		144.70	1	13.29	0.15	0.21	1	13.29	0.15	0.21
Sulfur, Other		144.99	21	13.11	0.71	0.22	21	13.05	0.77	0.17
Method Group 144.XX PCT			34	13.25	0.61	0.19	32	13.27	0.61	0.14
Arsenic, Atomic Absorption		151.00	1	20.45	0.35	0.50	1	20.45	0.35	0.50
Arsenic, ICP		151.30	8	21.42	2.37	1.90	7	21.24	1.98	1.07
Arsenic, Other		151.99	2	17.60	4.53	2.09	2	17.60	4.53	2.09
Method Group 151.XX PPM			11	20.64	3.03	1.81	10	20.44	2.85	1.22
Acid Soluble Boron, Spectrometric	982.01	165.00	5	0.062	0.004	0.001	5	0.062	0.004	0.001
Acid Soluble Boron, Other		165.99	20	0.064	0.007	0.003	20	0.063	0.008	0.003
Method Group 165.XX PCT			25	0.064	0.007	0.003	23	0.064	0.006	0.002

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Water Soluble Boron, Other		171.99	3	0.080	0.020	0.005	3	0.080	0.020	0.005
Cadmium, Atomic Absorption		181.00	1	8.55	0.21	0.30	1	8.55	0.21	0.30
Cadmium, ICP		181.30	11	8.85	0.52	0.35	11	8.85	0.52	0.35
Cadmium, Other		181.99	1	9.30	0.19	0.27	1	9.30	0.19	0.27
Method Group 181.XX PPM			13	8.86	0.50	0.34	13	8.86	0.50	0.34
Water Soluble Chlorine, Titrimetric	928.02	190.00	5	5.09	0.09	0.04	5	5.09	0.09	0.04
Water Soluble Chlorine, Other		190.99	1	4.74	0.18	0.26	1	4.74	0.18	0.26
Method Group 190.XX PCT			6	5.03	0.17	0.07	5	5.09	0.09	0.04
Chromium, ICP		191.30	12	102.55	16.51	3.36	12	102.55	16.51	3.36
Chromium, Other		191.99	1	67.79	1.34	1.90	1	67.79	1.34	1.90
Method Group 191.XX PPM			13	99.87	18.44	3.25	13	99.87	18.44	3.25
Acid Soluble Cobalt, AA		202.00	2	21.25	20.52	1.50	2	21.25	20.52	1.50
Acid Soluble Cobalt, ICP	965.11	202.30	12	23.05	10.71	1.04	11	21.55	9.85	0.77
Acid Soluble Cobalt, Other		202.99	1	4.61	0.04	0.05	1	4.61	0.04	0.05
Method Group 202.XX PPM			15	21.58	12.50	1.04	14	20.30	11.91	0.82
Acid Soluble Copper, Atomic Absorption	975.01	221.00	4	0.0021	0.0023	0.0008	3	0.0009	0.0005	0.0001
Acid Soluble Copper, ICP		221.30	15	0.0010	0.0011	0.0002	13	0.0006	0.0003	0.0001
Acid Soluble Copper, Other		221.99	1	0.0013	0.0000	0.0000	1	0.0013	0.0000	0.0000
Method Group 221.XX PCT			21	0.0015	0.0018	0.0004	19	0.0010	0.0010	0.0002
Acid Soluble Iron, Atomic Absorption	980.01	241.00	8	0.62	0.04	0.02	8	0.62	0.04	0.02
Acid Soluble Iron, ICP		241.30	32	0.56	0.06	0.02	30	0.56	0.06	0.02
Method Group 241.XX PCT			40	0.57	0.06	0.02	37	0.57	0.05	0.02
Lead, ICP		251.30	10	6.21	2.50	0.79	10	6.21	2.50	0.79
Lead, Other		251.99	1	5.46	0.57	0.80	1	5.46	0.57	0.80
Method Group 251.XX PPM			11	6.14	2.40	0.79	11	6.14	2.40	0.79
Acid Soluble Manganese, AA	972.02a	261.00	9	0.279	0.023	0.012	9	0.279	0.023	0.012
Acid Soluble Manganese, ICP	972.02a	261.30	29	0.265	0.038	0.021	27	0.262	0.035	0.015
Acid Soluble Manganese, ICP	972.02b	261.31	1	0.279	0.001	0.001	1	0.279	0.001	0.001
Acid Soluble Manganese, Other		261.99	5	0.271	0.036	0.017	5	0.271	0.036	0.017
Method Group 261.XX PCT			44	0.269	0.035	0.018	42	0.267	0.033	0.014
Mercury, ICP		281.30	1	1.16	0.03	0.04	1	1.16	0.03	0.04
Mercury, Other		281.99	3	0.04	0.01	0.01	3	0.04	0.01	0.01
Method Group 281.XX PPM			4	0.32	0.52	0.01	4	0.32	0.52	0.01
Molybdenum, ICP		289.30	12	6.47	1.18	0.20	11	6.50	1.22	0.16
Molybdenum, Other		289.99	2	5.86	2.35	0.04	2	5.86	2.35	0.04
Method Group 289.XX PPM			15	6.02	1.89	0.17	14	6.02	1.96	0.13
Nickel, ICP		291.30	13	28.41	2.98	0.61	12	27.96	2.61	0.45
Method Group 291.XX PPM			13	28.41	2.98	0.61	12	27.96	2.61	0.45
Selenium, ICP		301.30	2	0.77	0.89	0.03	2	0.77	0.89	0.03

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Selenium, Other		301.99	2	0.66	0.56	0.03	2	0.66	0.56	0.03
Method Group 301.XX PPM			4	0.72	0.69	0.03	4	0.72	0.69	0.03
Sodium, Flame Photometric	974.01	311.30	1	0.31	0.02	0.03	1	0.31	0.02	0.03
Sodium, Other		311.99	7	0.30	0.01	0.01	7	0.30	0.01	0.01
Method Group 311.XX PCT			8	0.30	0.01	0.01	8	0.30	0.01	0.01
Acid Soluble Zinc, Atomic Absorption ..	975.02	321.00	10	0.356	0.026	0.012	9	0.360	0.022	0.008
Acid Soluble Zinc, ICP		321.30	33	0.357	0.026	0.015	31	0.357	0.025	0.011
Acid Soluble Zinc, Other		321.99	1	0.350	0.000	0.000	1	0.350	0.000	0.000
Method Group 321.XX PCT			44	0.356	0.026	0.014	41	0.357	0.024	0.010
Water Soluble Zinc, ICP		325.30	1	0.250	0.004	0.006	1	0.250	0.004	0.006
Water Soluble Zinc, Other		325.99	1	0.355	0.007	0.010	1	0.355	0.007	0.010
Method Group 325.XX PCT			2	0.303	0.061	0.008	2	0.303	0.061	0.008

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 001.10 PCT			Meth: 001.XX PCT			Meth: 005.00 PCT			Meth: 010.60 PCT			Meth: 010.60 PCT		
<u>Ammoniacal Nitrogen</u>			<u>Ammoniacal Nitrogen</u>			Nitrogen From Urea			Total Nitrogen			Total Nitrogen		
<u>MgO Distillation</u>			Avg 9.65			<u>Urease (as N)</u>			<u>Combustion</u>			<u>Combustion</u>		
300	9.86	1.41	234	9.59	-.29	232	0.18	.71	275	10.98	1.86	360	10.67	-.58
351	9.80	.98	470	9.57	-.39				177	10.93	1.66	028	10.65	-.72
405	9.73	.56	027	9.52	-.62	Meth: 009.10 PCT			351	10.85	1.37	393	10.52	-.95
232	9.68	.27	456	9.50	-.73	Ammon & Nitrate N			096	10.86	1.12	234	10.51	-1.03
090	9.66	.25	415	9.41	-1.20	<u>Devarda</u>			043	10.85	1.05	406	10.52	-1.04
Avg	9.65		368	9.20 R	-2.46	471	10.56	1.16	354	10.81	.83	023	10.53	-1.10
470	9.57	-.57	420	9.11	-2.75	393	10.46	.49	450	10.80	.75	426	10.54	-1.14
456	9.50	-1.02	330	8.65 s	-5.08	397	10.41	.24	055	10.79	.73	325	10.45	-1.40
415	9.41	-1.65				Avg	10.39		420	10.79	.68	034	10.42	-1.55
330	8.65 s	-6.82	Meth: 002.20 PCT			090	10.39	-.07	040	10.70	.62	368	10.37	-1.96
			Nitrate Nitrogen			470	10.15	-1.69	330	10.75	.54	037	10.37	-1.97
			<u>Jones Modified</u>						131	10.74	.53	422	10.26	-2.58
Meth: 001.99 PCT			230	1.43 S	19.72	Meth: 010.11 PCT			232	10.75	.50	009	10.19 s	-2.97
Ammoniacal Nitrogen			029	0.77	.71	Total Nitrogen			291	10.76	.49	262	10.15 s	-3.20
<u>Other</u>			Avg	0.77		<u>Modified Comprehensi</u>			049	10.75	.48			
096	9.95	1.28				105	10.60	1.01	102	10.74	.46	Meth: 010.99 PCT		
473	9.75	.47	Meth: 002.99 PCT			Avg	10.53		035	10.74	.45	Total Nitrogen		
255	9.74	.46	Nitrate Nitrogen			211	10.49	-.63	029	10.75	.43	<u>Other</u>		
397	9.75	.44	<u>Other</u>			260	10.52	-1.04	247	10.73	.35	255	10.59	1.16
371	9.70	.26	397	0.67	1.44	415	10.00 S	-7.67	292	10.73	.33	300	10.50	.57
Avg	9.64		027	0.62	.36	114	9.78 S	-10.81	162	10.68	.29	200	10.50	.54
234	9.59	-.20	232	0.61	.21	474	9.78 S	-10.82	296	10.72	.27	Avg	10.40	
027	9.52	-.47	Avg	0.60					095	10.71	.18	476	10.21	-1.10
368	9.20 R	-1.98	371	0.58	-.55	Meth: 010.12 PCT			007	10.70	.15	030	10.21	-1.15
420	9.11	-2.22	368	0.55	-1.40	Total Nitrogen			136	10.69	.11			
						<u>Salicylic</u>			Avg	10.68		Meth: 010.XX PCT		
Meth: 001.XX PCT			Meth: 002.XX PCT			254	10.62	1.15	027	10.68	-.03	<u>Total Nitrogen</u>		
<u>Ammoniacal Nitrogen</u>			<u>Nitrate Nitrogen</u>			Avg	10.61		231	10.67	-.07	443	11.48 s	4.61
096	9.95	1.53	230	1.43 s	10.85	185	10.60	-.42	233	10.63	-.33	230	11.10	2.46
300	9.86	1.10	029	0.77	1.80	455	9.57 S	-19.57	402	10.62	-.34	451	11.01 R	2.22
351	9.80	.77	397	0.67	.56				324	10.65	-.34	275	10.98	1.84
473	9.75	.53	Avg	0.63		Meth: 010.60 PCT			405	10.62	-.34	177	10.93	1.66
255	9.74	.53	027	0.62	-.14	Total Nitrogen			086	10.67	-.35	351	10.85 R	1.38
397	9.75	.51	232	0.61	-.31	<u>Combustion</u>			041	10.62	-.37	096	10.86	1.22
405	9.73	.45	371	0.58	-.68	443	11.48 s	5.12	307	10.62	-.39	043	10.85	1.15
371	9.70	.28	368	0.55	-1.17	230	11.10	2.57	042	10.63	-.45	354	10.81	.96
232	9.68	.23				451	11.01 R	2.33	377	10.60	-.51	450	10.80	.91
090	9.66	.20												

* 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: 010.XX PCT			Meth: 010.XX PCT			Meth: 020.20 PCT			Meth: 020.50 PCT			Meth: 020.XX PCT		
<u>Total Nitrogen</u>			<u>Total Nitrogen</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>		
055	10.79	.88	300	10.50	-.64	<u>Spectrometric</u>			<u>ICP</u>			471	9.48	X -.35
420	10.79	.84	406	10.52	-.65	292	9.64	.55	402	8.21	S -3.38	114	9.48	-.35
330	10.75	.70	260	10.52	-.66	473	9.57	.45				232	9.48	-.36
291	10.76	.68	200	10.50	-.67	474	9.55	.34	Meth: 020.99 PCT			096	9.47	-.41
049	10.75	.67	211	10.49	-.69	231	9.59	.34	<u>Total Phosphate</u>			470	9.46	-.42
232	10.75	.67	023	10.53	-.73	200	9.57	.23	<u>Other</u>			086	9.42	-.55
131	10.74	.66	426	10.54	-.79	Avg	9.51		443	13.09	S 13.20	450	9.39	-.66
040	10.70	.65	325	10.45	-.93	232	9.48	-.18	476	10.05	1.21	405	9.29	-1.01
102	10.74	.63	034	10.42	-1.05	471	9.48	X -.21	Avg	9.74		307	9.29	-1.04
029	10.75	.63	368	10.37	-1.42	450	9.39	-.54	455	9.69	-.21	117	9.25	-1.16
035	10.74	.62	037	10.37	-1.43	405	9.29	-.96	322	9.49	-1.00	451	9.28	-1.21
028	10.65	.60	422	10.26	-1.93	420	9.18	-1.38				420	9.18	-1.35
247	10.73	.56	476	10.21	-2.16	234	9.00	-2.14	Meth: 020.XX PCT			432	9.18	-1.50
292	10.73	.55	030	10.21	-2.19				<u>Total Phosphate</u>			330	9.15	R -1.67
360	10.67	.53	009	10.19	-2.26	Meth: 020.40 PCT			443	13.09	s 11.84	234	9.00	-1.97
296	10.72	.50	262	10.15	-2.46	<u>Total Phosphate</u>			393	10.30	2.42	035	8.43	s -3.87
095	10.71	.42	415	10.00	s -3.22	<u>Automated</u>			426	10.11	1.88	402	8.21	s -4.62
007	10.70	.39	114	9.78	s -4.35	456	9.53	.88	422	10.07	1.66			
162	10.68	.37	474	9.78	s -4.36	Avg	9.49		476	10.05	1.58	Meth: 030.10 PCT		
086	10.67	.37	455	9.57	s -5.41	247	9.49	-.12	368	9.99	1.45	Insoluble Phosphate		
136	10.69	.32				096	9.47	-1.31	371	9.91	1.15	<u>Grav Quimociac</u>		
324	10.65	.29	Meth: 020.10 PCT			035	8.43	S -25.76	324	9.62	R .79	090	0.03	.00
042	10.63	.28	<u>Total Phosphate</u>			Meth: 020.50 PCT			415	9.81	.77	Meth: 030.20 PCT		
027	10.68	.26	<u>Grav Quimociac</u>			<u>Total Phosphate</u>			255	9.75	.61	Insoluble Phosphate		
231	10.67	.24	041	9.55	1.29	<u>ICP</u>			231	9.75	.59	<u>Spectrometric</u>		
307	10.62	.19	090	9.54	.70	393	10.30	1.48	455	9.69	.38	474	0.07	.87
233	10.63	.16	Avg	9.51		426	10.11	1.12	406	9.69	.38	Avg	0.06	
Avg	10.62		114	9.48	-.64	422	10.07	.96	292	9.64	.22	473	0.04	-.87
402	10.62	-.02	470	9.46	-.96	368	9.99	.82	231	9.59	.05			
041	10.62	-.05	117	9.25	s -5.26	255	9.75	.24	Avg	9.58		Meth: 030.40 PCT		
405	10.62	-.06	Meth: 020.20 PCT			231	9.75	.23	200	9.57	-.05	Insoluble Phosphate		
185	10.60	-.16	<u>Total Phosphate</u>			Avg	9.66		090	9.54	-.13	<u>Automated</u>		
377	10.60	-.20	<u>Spectrometric</u>			086	9.42	-.57	456	9.53	-.17	096 0.06 .71		
105	10.60	-.23	371	9.91	1.69	307	9.29	-.90	041	9.55	-.19			
254	10.62	-.31	415	9.81	1.23	451	9.28	-1.00	474	9.55	-.28			
255	10.59	-.45	324	9.62	R 1.06	432	9.18	-1.21	247	9.49	-.30			
393	10.52	-.54	406	9.69	.75	330	9.15	-1.32	322	9.49	-.30			
234	10.51	-.62							473	9.57	-.30			

* 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			Meth: 040.40 PCT			Meth: 041.10 PCT			Meth: 041.50 PCT			Meth: 041.XX PCT		
<u>Insoluble Phosphate</u>			<u>InDir Available Phos</u>			<u>Dir Available Phosph</u>			<u>Dir Available Phosph</u>			<u>Dir Available Phosph</u>		
<u>ICP</u>			<u>Automated</u>			<u>Grav Quimociac</u>			<u>ICP</u>					
255	0.05	.00	096	9.41	.71	177	9.43	-.50	354	8.34 s	-4.89	040	9.55	.74
Meth: 030.99 PCT			Meth: 040.50 PCT			102 9.39 -.87			Meth: 041.60 PCT			360 9.56 .43		
<u>Insoluble Phosphate</u>			<u>InDir Available Phos</u>			049 9.47 -1.07			<u>Dir Available Phosph</u>			254 9.55 .37		
<u>Other</u>			<u>ICP</u>			105 9.39 -1.27			<u>EDTA Extract</u>			043 9.54 .30		
247	0.05	.94	255	9.70	-.71	Meth: 041.20 PCT			029 9.73 1.72			211 9.49 .02		
Avg 0.04			Meth: 040.99 PCT			<u>Dir Available Phosph</u>			043 9.54 .81			Avg 9.49		
405	0.03	-.78	<u>InDir Available Phos</u>			<u>Spectrometric</u>			105 9.46 .45			105 9.46 -.18		
Meth: 030.XX PCT			<u>Other</u>			262 11.70 S 12.73			296 9.43 .42			131 9.46 -.18		
<u>Insoluble Phosphate</u>			247 9.45 .80			030 9.72 .71			397 9.40 .20			086 9.47 -.18		
474	0.07	1.74	Avg 9.35			Avg 9.72			Avg 9.35			185 9.48 -.25		
096	0.06	.75	405 9.25 -.93			Meth: 041.40 PCT			177 9.34 -.04			131 9.43 -.26		
255	0.05	.31	Meth: 040.XX PCT			<u>Dir Available Phosph</u>			024 9.23 -.54			177 9.43 -.29		
Avg 0.05			<u>InDir Available Phos</u>			<u>Automated</u>			351 9.09 -1.17			009 9.42 -.30		
247	0.05	-.36	255 9.70 1.50			095 9.80 .98			034 8.97 -1.67			296 9.43 -.37		
473	0.04	-.41	473 9.53 .73			027 9.72 .70			Meth: 041.99 PCT			397 9.40 -.39		
405	0.03	-1.12	474 9.48 .48			Avg 9.53			<u>Dir Available Phosph</u>			102 9.39 -.48		
090	0.03	-1.12	090 9.51 .45			131 9.46 -.27			<u>Other</u>			377 9.38 -.49		
Meth: 040.10 PCT			247 9.45 .10			028 9.14 -1.41			275 9.84 .87			325 9.38 -.55		
<u>InDir Available Phos</u>			Avg 9.43			Meth: 041.50 PCT			Avg 9.59			049 9.47 -.57		
<u>Grav Quim</u>			096 9.41 -.28			<u>Dir Available Phosph</u>			105 9.34 -.87			177 9.34 -.64		
090	9.51	.87	405 9.25 -.97			<u>ICP</u>			230 8.63 S -3.33			105 9.34 -.66		
Avg	9.30		300 9.09 -1.81			393 9.97 1.67			Meth: 041.XX PCT			105 9.39 -.69		
300	9.09	-.87	Meth: 041.10 PCT			291 9.83 1.12			<u>Dir Available Phosph</u>			023 9.27 -1.03		
Meth: 040.20 PCT			<u>Dir Available Phosph</u>			009 9.68 1.00			262 11.70 s 10.04			024 9.23 -1.15		
<u>InDir Available Phos</u>			<u>Grav Quimociac</u>			007 9.56 .85			393 9.97 2.18			368 9.33 R -1.44		
473	9.53	.93	055 9.72 2.11			055 9.59 .36			275 9.84 1.61			028 9.14 -1.60		
Avg 9.50			040 9.55 1.40			360 9.56 .26			291 9.83 1.56			351 9.09 -1.81		
474	9.48	-.79	254 9.55 .72			Avg 9.55			095 9.80 1.42			034 8.97 -2.35		
Meth: 048.20 PCT			185 9.48 .47			043 9.54 -.35			009 9.68 R 1.30			230 8.63 s -3.88		
<u>Water Soluble Phosph</u>			211 9.49 .07			377 9.38 -.70			029 9.73 1.27			354 8.34 s -5.20		
<u>Spectrometric</u>			Avg 9.48			325 9.38 -.73			030 9.72 1.17					
			086 9.47 -.33			023 9.27 -1.17			055 9.72 1.11					
			131 9.43 -.45			368 9.33 -1.43			027 9.72 1.07					
									007 9.56 R 1.01			Avg 6.77		

* 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: 048.20 PCT Water Soluble Phosph Spectrometric			Meth: 050.10 PCT Soluble Potash STPB Citrate			Meth: 050.51 PCT Soluble Potash ICP (Citrate)			Meth: 050.99 PCT Soluble Potash Other			Meth: 050.XX PCT Soluble Potash			
474	6.55	-.46	Avg	9.68		432	10.80	2.02	330	10.25 R	1.56	420	10.23	.94	
096	6.40	-.80	117	9.40	-.87	009	10.26	.70	177	10.31	1.03	456	10.22	.93	
Meth: 048.50 PCT Water Soluble Phosph ICP			Meth: 050.30 PCT Soluble Potash AA (Oxalate)			Meth: 050.60 PCT Soluble Potash Flame (Oxalate)			Meth: 050.99 PCT Soluble Potash			Meth: 050.XX PCT Soluble Potash			
393	6.22	-.71	262	12.88 s	8.40	377	9.95	-.31	455	10.26	.89	360	10.18	.78	
Meth: 048.XX PCT Water Soluble Phosph			Meth: 050.31 PCT Soluble Potash AA (Citrate)			Meth: 050.61 PCT Soluble Potash Flame (Citrate)			Meth: 050.99 PCT Soluble Potash			Meth: 050.XX PCT Soluble Potash			
420	7.36	1.56	185	10.35	1.33	096	9.98	-.31	476	10.19	.83	450	10.18	.72	
Avg	6.63		023	10.30	1.16	291	9.82	-.68	360	10.18	.73	042	10.15	.68	
474	6.55	-.17	234	10.08	.60	296	9.42	-1.77	450	10.18	.72	027	10.13	.72	
096	6.40	-.51	136	9.92	.09	Meth: 050.60 PCT Soluble Potash Flame (Oxalate)			027	10.13	.63	393	10.14	.71	
393	6.22	-.88	Avg	9.90		443	11.73 S	5.14	131	9.91	.27	043	10.13	.68	
Meth: 050.00 PCT Soluble Potash STPB Oxalate			Meth: 050.30 PCT Soluble Potash AA (Oxalate)			Meth: 050.60 PCT Soluble Potash Flame (Oxalate)			307	9.90	.20	422	10.12	.64	
102	14.66 s	28.59	040	9.65	-.73	406	10.22	1.13	255	9.95	.18	234	10.08	.63	
230	11.30 S	8.90	043	9.54	-1.08	Avg	9.79		232	9.91	.07	028	10.03	.54	
055	10.00	1.23	351	9.50	-1.15	200	9.78	-.04	Avg	9.88		007	10.07	.52	
009	9.94	.91	Meth: 050.50 PCT Soluble Potash ICP (Oxalate)			415	9.37	-1.10	368	9.79	-.24	426	10.03	.44	
211	9.88	.55	420	10.23	1.31	Meth: 050.61 PCT Soluble Potash Flame (Citrate)			275	9.78	-.25	096	9.98	.32	
049	9.84	.32	422	10.12	.95	035	10.55	2.05	325	9.76	-.31	131	9.91	.31	
231	9.84	.32	426	10.03	.69	024	10.22	.75	402	9.13	-1.77	055	10.00	.30	
470	9.82	.23	Avg	9.83		456	10.22	.57	322	9.03	-2.00	029	9.97	.28	
Avg	9.79		292	9.80	-.12	095	10.17	.38	247	8.98	-2.13	307	9.90	.23	
471	9.68 X	-.66	324	9.66	-.60	Avg	10.09		255	9.95	.18	300	9.96	.22	
090	9.66	-.72	055	9.50	-1.17	029	9.97	-.64	Meth: 050.XX PCT Soluble Potash	131	9.95	.18	255	9.95	.18
114	9.42	-2.16	354	9.49	-1.29	131	9.95	-.64	102	14.66 s	13.28	377	9.95	.18	
397	9.30 R	-2.93	Meth: 050.10 PCT Soluble Potash STPB Citrate			028	10.03	-.64	262	12.88 s	8.32	009	9.94	.15	
Meth: 050.10 PCT Soluble Potash STPB Citrate			300	9.96	.86	041	9.91	-.82	443	11.73 s	5.13	136	9.92	.12	
						105	9.83	-1.17	230	11.30 s	3.94	041	9.91	.08	
						034	9.24 s	-3.79	432	10.80	2.54	232	9.91	.05	
									035	10.55	2.05	Avg	9.89		
									330	10.25 R	1.83	211	9.88	-.02	
									185	10.35	1.35	231	9.84	-.13	
									023	10.30	1.19	049	9.84	-.16	
									177	10.31	1.18	105	9.83	-.16	
									451	10.30	1.18	470	9.82	-.18	
									009	10.26	1.13	291	9.82	-.21	
									455	10.26	1.03	292	9.80	-.25	
									024	10.22	.97	200	9.78	-.30	

* 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: 050.XX PCT			Meth: 060.XX PCT			Meth: 101.30 PCT			Meth: 101.XX PCT			Meth: 101.XX PCT		
<u>Soluble Potash</u>			<u>Free Water</u>			<u>Acid Soluble Calcium</u>			<u>Acid Soluble Calcium</u>			<u>Acid Soluble Calcium</u>		
368	9.79	-.31	443	4.06	2.10	ICP			200	5.57 s	5.86	474	4.10	-1.03
275	9.78	-.33	Avg	1.86		368	4.45	.58	117	5.16 s	4.02	041	4.09	-1.09
030	9.82	-.36	096	1.79	-.12	255	4.47	.52	422	5.15 A	3.91	354	4.08	-1.11
325	9.76	-.39	105	1.45	-.39	095	4.47	.49	330	5.05 A	3.52	307	4.07	-1.15
471	9.68 X	-.59	456	1.35	-.49	096	4.42	.42	432	4.76 R	2.37	291	4.02	-1.39
090	9.66	-.62	007	1.31	-.53	247	4.36	.30	042	4.70	1.81	029	4.01	-1.48
324	9.66	-.66	474	1.22	-.62	102	4.40	.26	105	4.68	1.76	055	4.07 R	-1.63
040	9.65	-.68	Meth: 101.00 PCT			232	4.38	.21	420	4.68	1.72	471	3.96	-1.70
043	9.54	-1.02	<u>Acid Soluble Calcium</u>			393	4.39	.18	231	4.64	1.54	027	3.93	-1.79
351	9.50	-1.08	<u>AA</u>			Avg	4.35		450	4.47	1.12	397	3.90	-1.95
055	9.50	-1.14	200	5.57 s	5.67	023	4.34	-.08	090	4.54	1.07	Meth: 121.00 PCT		
354	9.49	-1.23	105	4.68	1.97	324	4.33	-.19	433	4.54	1.07	<u>Acid Soluble Magnesi</u>		
114	9.42	-1.31	177	4.38	.68	360	4.31	-.21	086	4.46	.82	<u>AA</u>		
296	9.42	-1.32	296	4.32	.59	073	4.35	-.22	368	4.45	.78	200	2.51 s	6.57
117	9.40	-1.38	028	4.32	.52	037	4.32	-.29	255	4.47	.75	177	2.14	2.02
415	9.37	-1.44	043	4.30	.37	300	4.26	-.42	095	4.47	.73	105	2.07 R	1.57
397	9.30	-1.67	Avg	4.22		035	4.27	-.44	096	4.42	.60	028	2.04	.95
034	9.24	-1.80	351	4.19	-.20	131	4.23	-.53	296	4.32	.47	397	1.99	.31
402	9.13	-2.12	262	4.15	-.39	114	4.20	-1.01	102	4.40	.46	296	1.99	.20
322	9.03	-2.39	029	4.01	-.98	474	4.10	-1.12	247	4.36	.40	Avg	1.97	
247	8.98	-2.54	471	3.96	-1.17	041	4.09	-1.17	232	4.38	.36	471	1.97	-.25
254	8.73 A	-3.21	055	4.07 R	-1.23	354	4.08	-1.19	393	4.39	.36	043	1.96	-.30
Meth: 060.00 PCT			397	3.90	-1.38	307	4.07	-1.22	177	4.38	.33	262	1.91	-.83
<u>Free Water</u>			Meth: 101.30 PCT			291	4.02	-1.45	028	4.32	.31	029	1.89	-1.12
<u>Vacuum Oven</u>			<u>Acid Soluble Calcium</u>			027	3.93	-1.81	415	4.36	.30	073	1.88	-1.13
096	1.79	1.75	<u>ICP</u>			Meth: 101.70 PCT			037	4.32	.26	Meth: 121.30 PCT		
105	1.45	.30	117	5.16 s	3.52	<u>Acid Soluble Calcium</u>			324	4.33	.17	<u>Acid Soluble Magnesi</u>		
Avg	1.42		422	5.15 A	3.42	<u>Titrimetric</u>			023	4.34	.15	<u>ICP</u>		
456	1.35	-.35	330	5.05	3.06	415	4.36	.71	Avg	4.31		330	3.50 s	16.44
007	1.31	-.55	432	4.76 R	2.02	Meth: 101.99 PCT			360	4.31	-.08	041	2.37 s	4.32
474	1.22	-.96	420	4.68	1.41	<u>Acid Soluble Calcium</u>			043	4.30	-.20	117	2.20	2.48
Meth: 060.99 PCT			231	4.64	1.24	<u>Other</u>			300	4.26	-.28	231	2.17	2.14
<u>Free Water</u>			450	4.47	.92	042	4.70	.00	035	4.27	-.34	114	2.09	1.25
<u>Other</u>			090	4.54	.81				131	4.23	-.39	042	2.05	1.01
443	4.06	.71	433	4.54	.81				351	4.19	-.61	422	2.05	.80
			086	4.46	.61				262	4.15	-.80	433	2.03	.64

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 121.30 PCT			Meth: 121.XX PCT			Meth: 121.XX PCT			Meth: 144.01 PCT			Meth: 144.99 PCT		
<u>Acid Soluble Magnesi</u>			<u>Acid Soluble Magnesi</u>			<u>Acid Soluble Magnesi</u>			<u>Sulfur</u>			<u>Sulfur</u>		
<u>ICP</u>									<u>Gravimetric</u>			<u>Other</u>		
368	2.02	.59	330	3.50 s	15.59	232	1.93	-.78	055	13.53	-.09	307	12.72	-.43
095	2.02	.56	200	2.51 s	5.41	029	1.89	-.96	397	13.49	-.27	255	12.90 R	-.88
035	2.00	.55	041	2.37 s	4.04	351	1.88	-.97	095	13.44	-.44	422	12.11	-1.22
131	1.98	.44	415	2.23	2.63	073	1.89	-1.01	371	13.33	-.83	426	11.99	-1.38
450	2.01	.40	117	2.20	2.29	102	1.85	-1.32	028	13.05	-1.99	393	11.61	-1.88
255	2.00	.36	231	2.17	1.97	300	1.83	-1.56	230	13.05 R	-2.32	354	11.55 S	-1.96
090	2.00	.33	177	2.14	1.64	393	1.82	-1.66				035	9.81 s	-4.22
291	1.99	.16	105	2.07 R	1.27	307	1.81	-1.76	Meth: 144.02 PCT					
360	1.98	.15	114	2.09	1.13	354	1.80	-1.79	<u>Sulfur</u>			Meth: 144.XX PCT		
432	1.98	.10	042	2.05	.90	086	1.76 R	-2.42	<u>Gravimetric</u>			<u>Sulfur</u>		
247	1.98	.07	028	2.04	.76	474	1.61 A	-3.81	292	13.41	-.71	114	15.45 s	3.60
096	1.98	.07	422	2.05	.69	Meth: 131.00 PCT			Meth: 144.70 PCT			117	14.70	2.36
Avg	1.97		433	2.03	.54	<u>Water Soluble Magnes</u>			<u>Sulfur</u>			473	14.11	1.38
055	1.96	-.12	368	2.02	.50	<u>AA</u>			<u>Spectrometric</u>			043	13.98	1.18
023	1.97	-.22	035	2.00	.49	029	1.65	.71	474	13.29	.71	360	13.85	.96
324	1.96	-.23	095	2.02	.46	Meth: 131.30 PCT			Meth: 144.99 PCT			324	13.85	.96
426	1.95	-.27	131	1.98	.41	<u>Water Soluble Magnes</u>			<u>Sulfur</u>			262	13.70	.71
037	1.95	-.32	450	2.01	.32	<u>ICP</u>			<u>Other</u>			296	13.56	.49
009	1.94	-.34	255	2.00	.27	027	1.77	-.71	117	14.70	2.15	027	13.56	.48
420	1.94	-.42	090	2.00	.25	Meth: 131.XX PCT			473	14.11	1.37	055	13.53	.42
232	1.93	-.77	397	1.99	.24	<u>Water Soluble Magnes</u>			360	13.85	1.04	397	13.49	.37
073	1.89	-.99	296	1.99	.13	027	1.77	.87	027	13.56	.66	177	13.47	.32
102	1.85	-1.31	360	1.98	.10	Avg			177	13.47	.54	291	13.46	.29
300	1.83	-1.56	291	1.99	.09	029	1.65	-.86	291	13.46	.54	351	13.42	.24
393	1.82	-1.67	432	1.98	.02	Meth: 144.01 PCT			351	13.42	.48	292	13.41	.22
307	1.81	-1.77	Avg	1.98		<u>Sulfur</u>			330	13.35	.40	474	13.29	.17
354	1.80	-1.80	247	1.98	-.06	<u>Gravimetric</u>			009	13.19	.33	330	13.35	.15
086	1.76 R	-2.47	096	1.98	-.06	114	15.45 s	7.28	049	13.21	.32	371	13.33	.10
474	1.61 s	-3.92	055	1.96	-.18	043	13.98	1.67	Avg	13.12		Avg	13.27	
			471	1.97	-.22	027	1.77	.87	086	13.04	-.14	049	13.21	-.34
			023	1.97	-.23	Avg	1.71		450	12.97	-.14	009	13.19	-.38
			043	1.96	-.27	029	1.65	-.86	023	12.93	-.20	086	13.04	-.42
			324	1.96	-.28	Meth: 144.01 PCT			232	12.96	-.24	028	13.05	-.45
			426	1.95	-.32	<u>Sulfur</u>			096	13.04	-.28	450	12.97	-.51
			037	1.95	-.37	<u>Gravimetric</u>			368	12.84	-.31	096	13.04	-.52
			009	1.94	-.39	114	15.45 s	7.28						
			420	1.94	-.46	043	13.98	1.67						
			262	1.91	-.72	324	13.85	1.17						
						262	13.70	.58						
						296	13.56	.23						
						029	13.56	.06						
						Avg	13.55							

* 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: 144.XX PCT			Meth: 151.XX PPM			Meth: 165.99 PCT			Meth: 165.XX PCT			Meth: 181.99 PPM		
<u>Sulfur</u>			<u>Arsenic</u>			<u>Acid Soluble Boron</u>			<u>Acid Soluble Boron</u>			<u>Cadmium</u>		
232	12.96	-.58	009	22.65 R	1.56	096	0.066	.32	324	0.059	-.70	231	9.30	.71
023	12.93	-.58	368	24.00	1.37	307	0.064	.31	055	0.056	-1.25	Meth: 181.XX PPM		
230	13.05 R	-.68	450	23.00	.97	Avg	0.064		296	0.054	-1.56	<u>Cadmium</u>		
368	12.84	-.73	049	22.24	.63	291	0.063	-.08	042	0.055 R	-1.60	096	10.50 s	4.45
307	12.72	-.91	086	21.38	.55	043	0.062	-.26	354	0.047	-2.76	450	9.50	1.62
255	12.90 R	-1.24	136	20.45	.09	232	0.061	-.29	086	0.044 s	-3.18	368	9.50	1.34
422	12.11	-1.91	Avg	20.44		114	0.060	-.35	Meth: 171.99 PCT			009	9.20	1.02
426	11.99	-2.12	037	20.43	-.11	324	0.059	-.42	<u>Water Soluble Boron</u>			231	9.30	.91
393	11.61	-2.74	247	20.00	-.15	296	0.054	-1.08	<u>Other</u>			037	9.09	.55
354	11.55 s	-2.84	102	20.35	-.26	042	0.055	-1.13	200	0.105 X	1.24	474	9.05	.39
035	9.81 s	-5.71	393	18.68	-.62	354	0.047	-2.01	Avg	0.080		Avg	8.86	
Meth: 151.00 PPM			231	13.83	-2.34	086	0.044 S	-2.33	426	0.075	-.31	102	8.85	-.13
<u>Arsenic</u>			474	8.55 s	-4.18	Meth: 165.XX PCT			027	0.062	-.93	247	8.75	-.55
<u>Atomic Absorption</u>			Meth: 165.00 PCT			<u>Acid Soluble Boron</u>			Meth: 181.00 PPM			136	8.55	-.69
136	20.45	.71	<u>Acid Soluble Boron</u>			<u>Spectrometric</u>			<u>Cadmium</u>			086	8.50	-.77
Meth: 151.30 PPM			397	0.066	1.14	473	0.085 s	3.41	<u>Atomic Absorption</u>			393	8.45	-.83
<u>Arsenic</u>			471	0.064 X	.55	422	0.076	1.83	136			8.55	-.71	
<u>ICP</u>			023	0.062	.28	368	0.073 R	1.69	Meth: 181.30 PPM			035	8.43	-.88
009	22.65 R	2.07	029	0.062	.00	360	0.071	1.22	<u>Cadmium</u>			232	8.02	-1.70
368	24.00	1.61	Avg	0.062		090	0.070	1.07	<u>ICP</u>			Meth: 190.00 PCT		
450	23.00	1.02	055	0.056	-1.68	231	0.070	.96	096	10.50 s	4.32	<u>Water Soluble Chlori</u>		
049	22.24	.50	Meth: 165.99 PCT			255	0.069	.87	433	0.068	.69	<u>Titrimetric</u>		
Avg	21.24		<u>Acid Soluble Boron</u>			433	0.068	.69	009	0.066	.58	422	6.42 S	15.13
037	20.43	-.44	<u>Other</u>			009	0.066	.58	368	0.067	.53	043	5.20	1.33
102	20.35	-.59	473	0.085 S	2.75	117	0.067	.53	009	0.067	.52	055	5.13	.52
247	20.00	-.63	422	0.076	1.53	397	0.066	.37	037	0.066	.26	029	5.10	.20
393	18.68	-1.30	368	0.073 R	1.40	096	0.066	.26	474	0.066	.26	Avg	5.09	
474	8.55 s	-6.41	360	0.071	1.05	471	0.064 X	.02	Avg	8.85	.40	105	5.02	-.93
Meth: 151.99 PPM			090	0.070	.94	Avg	0.064		102	8.85	-.12	102	4.98	-1.25
<u>Arsenic</u>			231	0.070	.86	291	0.063	-.23	247	8.75	-.52	Meth: 190.99 PCT		
<u>Other</u>			255	0.069	.78	029	0.062	-.29	086	8.50	-.73	<u>Water Soluble Chlori</u>		
086	21.38	.88	433	0.068	.65	023	0.062	-.33	393	8.45	-.78	<u>Other</u>		
Avg	17.60		117	0.067	.53	307	0.064	-.40	035	8.43	-.83	009	4.74	.71
231	13.83	-.86	009	0.066	.52	043	0.062	-.43	232	8.02	-1.62	Avg	4.74	
			300	0.067	.51	232	0.061	-.49				368	2.67 S	-11.29
						114	0.060	-.61						

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Laboratory Averages & Accuracy Indexes

<u>Lab</u>	<u>Average*</u>	<u>Index</u>	<u>Lab</u>	<u>Average*</u>	<u>Index</u>	<u>Lab</u>	<u>Average*</u>	<u>Index</u>	<u>Lab</u>	<u>Average*</u>	<u>Index</u>	<u>Lab</u>	<u>Average*</u>	<u>Index</u>	
Meth: 190.XX PCT			Meth: 191.XX PPM			Meth: 202.99 PPM			Meth: 221.30 PCT			Meth: 221.XX PCT			
<u>Water Soluble Chlori</u>			<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			<u>Acid Soluble Copper</u>			<u>Acid Soluble Copper</u>			
422	6.42 s	15.13	086	109.19	.52	231	4.61	-.71	ICP			247	0.0006	-.40	
043	5.20	1.33	368	109.00	.49	096	0.0012	1.89	096	0.0012	1.89	095	0.0006	-.42	
055	5.13	.52	393	104.50	.31	402	0.0011	1.35	402	0.0011	1.35	086	0.0006	-.46	
029	5.10	.20	Avg	99.87		232	0.0007	.39	232	0.0007	.39	009	0.0005	-.50	
Avg	5.09		102	98.38	-.08	450	0.0008	.38	450	0.0008	.38	368	0.0005	-.56	
105	5.02	-.93	232	98.30	-.10	035	0.0007	.18	035	0.0007	.18	354	0.0006	-.58	
102	4.98	-1.25	037	91.56	-.45	433	0.0007	.12	433	0.0007	.12	474	0.0004	-.62	
009	4.74 R	-4.19	027	85.00	-.81	Avg	0.0006		Avg	0.0006		041	0.0000	-1.01	
368	2.67 s	-27.51	231	67.79	-1.74	095	0.0006	-.14	095	0.0006	-.14				
			474	63.50	-1.97	247	0.0006	-.16	247	0.0006	-.16	Meth: 241.00 PCT			
Meth: 191.30 PPM			Meth: 202.00 PPM			086			086			Acid Soluble Iron			
<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			<u>Avg</u>			<u>009</u>			<u>Atomic Absorption</u>			
ICP			AA			232	19.67	-.06	368	0.0005	-.63	105	0.68	1.92	
096	123.50	1.27	136	39.00	.87	393	18.85	-.12	009	0.0005	-.44	029	0.63	.91	
450	119.50	1.05	Avg	21.25		037	17.00	-.28	368	0.0005	-.63	096	0.62	.51	
009	115.65	.82	474	3.50	-.87	049	16.41	-.33	354	0.0006	-1.20	041	0.0000	-2.14	
035	112.50	.64	Meth: 202.30 PPM			102	15.44	-.42	Meth: 221.99 PCT	Meth: 221.99 PCT			296	0.61	-.14
086	109.19	.42	<u>Acid Soluble Cobalt</u>			231	4.61	-1.32	Acid Soluble Copper	Acid Soluble Copper			043	0.61	-.21
368	109.00	.39	<u>ICP</u>			474	3.50	-1.41	<u>Other</u>	<u>Other</u>			397	0.61	-.30
393	104.50	.24	096	39.52 R	1.84	422	0.00	-1.70	231	0.0013	.00	177	0.58	-.93	
Avg	102.55		009	36.66	1.53	Meth: 221.00 PCT			Meth: 221.XX PCT	Meth: 221.XX PCT			028	0.57	-1.30
102	98.38	-.25	450	34.05	1.27	<u>Acid Soluble Copper</u>			<u>Acid Soluble Copper</u>	<u>Acid Soluble Copper</u>			474	0.31 s	-8.65
232	98.30	-.26	086	27.80	.63	<u>Atomic Absorption</u>			042	0.4950 s	490.29	Meth: 241.30 PCT			
037	91.56	-.67	368	26.25	.48	105	0.0055 R	10.22	324	0.0060 R	5.06	<u>Acid Soluble Iron</u>			
027	85.00	-1.06	035	24.95	.35	043	0.0015	1.17	105	0.0055 R	4.68	<u>ICP</u>			
474	63.50	-2.37	Avg	21.55		Avg	0.0009		255	0.0045	3.54	035	0.64	1.52	
Meth: 191.99 PPM			232	19.67	-.20	296	0.0009	-.15	422	0.0025	1.55	432	0.62 R	1.45	
<u>Chromium</u>			393	18.85	-.27	474	0.0004	-1.06	043	0.0015	.43	055	0.61 R	1.31	
<u>Other</u>			037	17.00	-.47	Meth: 221.30 PCT			231	0.0013	.28	422	0.62	1.16	
231	67.79	.71	049	16.41	-.52	<u>Acid Soluble Copper</u>			096	0.0012	.20	450	0.61	1.03	
Meth: 191.XX PPM			102	15.44	-.63	<u>ICP</u>			402	0.0011	.06	096	0.61	.88	
<u>Chromium</u>			422	0.00	-2.19	042	0.4950 s	1639.36	Avg	0.0010		324	0.60	.85	
096	123.50	1.28				324	0.0060 s	18.13	296	0.0009	-.18	426	0.60	.82	
450	119.50	1.08				255	0.0045 R	13.04	450	0.0008	-.27	114	0.59	.81	
009	115.65	.88				422	0.0025 R	6.37	232	0.0007	-.31	247	0.60	.70	
035	112.50	.71							035	0.0007	-.32	360	0.59	.67	
									433	0.0007	-.37	473	0.59	.61	

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 241.30 PCT			Meth: 241.XX PCT			Meth: 251.30 PPM			Meth: 261.00 PCT			Meth: 261.30 PCT		
<u>Acid Soluble Iron</u>			<u>Acid Soluble Iron</u>			<u>Lead</u>			<u>Acid Soluble Manganese</u>			<u>Acid Soluble Manganese</u>		
<u>ICP</u>			<u>ICP</u>			<u>ICP</u>			<u>AA</u>			<u>ICP</u>		
393	0.59	.59	114	0.59	.67	393	11.05	1.93	296	0.311	1.35	035	0.245	-.50
102	0.59	.58	096	0.61	.63	450	8.00	.72	397	0.287	.68	023	0.244	-.60
231	0.59	.53	324	0.60	.60	009	7.30	.55	029	0.288	.67	086	0.242	-.63
009	0.58	.49	426	0.60	.56	247	7.45	.50	043	0.290	.63	073	0.241	-.74
255	0.57	.33	247	0.60	.43	102	6.25	.02	105	0.290	.49	307	0.229	-.97
368	0.56	.31	360	0.59	.41	Avg	6.21		028	0.285	.29	117	0.228	-.99
131	0.56	.12	473	0.59	.32	232	6.21	-.28	Avg	0.279		027	0.186	-2.16
Avg	0.56		393	0.59	.31	086	5.73	-.33	177	0.268	-.51	420	0.175	-2.48
095	0.54	-.21	102	0.59	.30	474	4.50	-.71	351	0.266	-.58	Meth: 261.31 PCT		
090	0.54	-.25	231	0.59	.25	035	3.41	-1.12	262	0.230	-2.11	<u>Acid Soluble Manganese</u>		
086	0.55	-.25	009	0.58	.23	368	2.20	-1.66	Meth: 261.30 PCT			<u>ICP</u>		
232	0.53	-.40	177	0.58	.22	Meth: 251.99 PPM			<u>Acid Soluble Manganese</u>			324 0.279 .71		
292	0.53	-.45	Avg	0.57		<u>Lead</u>			<u>ICP</u>			Meth: 261.99 PCT		
433	0.53	-.51	255	0.57	-.19	231 5.46 .71			300 1.890 s 46.20			<u>Acid Soluble Manganese</u>		
307	0.53	-.53	131	0.56	-.23	Other			432 0.345 2.39			Other		
041	0.52	-.56	028	0.57	-.24	Meth: 251.XX PPM			041 0.312 R 2.15			042 0.290 .77		
354	0.53	-.57	368	0.56	-.34	<u>Lead</u>			114 0.295 R 1.58			255 0.296 .69		
023	0.48	-1.32	086	0.55	-.56	136 17.50 s 4.75			090 0.300 1.12			037 0.292 .63		
027	0.45	-1.79	095	0.54	-.58	393 11.05 2.05			096 0.292 .90			Avg 0.271		
402	0.44	-1.98	090	0.54	-.61	450 8.00 .78			095 0.294 .89			393 0.268 -.10		
420	0.39	-2.94	232	0.53	-.78	009 7.30 .60			102 0.288 .77			474 0.210 -1.74		
300	0.29 s	-4.80	292	0.53	-.85	247 7.45 .55			055 0.275 .56			Meth: 261.XX PCT		
042	0.23 s	-5.78	433	0.53	-.91	232 6.21 .29			368 0.280 .50			<u>Acid Soluble Manganese</u>		
Meth: 241.XX PCT			307	0.53	-.92	102 6.25 .04			009 0.274 .49			471 2.825 s 77.29		
<u>Acid Soluble Iron</u>			354	0.53	-.93	Avg 6.14			360 0.275 .39			300 1.890 s 49.06		
105	0.68	2.18	041	0.52	-.97	231 5.46 -.33			231 0.275 .39			432 0.345 2.39		
432	0.62 R	1.34	023	0.48	-1.81	086 5.73 -.33			292 0.275 .39			041 0.312 R 2.19		
035	0.64	1.33	027	0.45	-2.34	474 4.50 -.72			232 0.271 .28			114 0.295 R 1.60		
029	0.63	1.26	402	0.44	-2.55	035 3.41 -1.14			Avg 0.262			296 0.311 1.31		
055	0.61 R	1.24	420	0.39 A	-3.60	368 2.20 -1.71			426 0.259 -.24			090 0.300 1.05		
351	0.64	1.21	474	0.31 s	-5.17	Meth: 261.00 PCT			402 0.255 -.24			042 0.290 .91		
422	0.62	.93	300	0.29 s	-5.67	<u>Acid Soluble Manganese</u>			354 0.256 -.33			255 0.296 .86		
450	0.61	.82	042	0.23 s	-6.75	<u>AA</u>			422 0.249 -.39			096 0.292 .82		
296	0.61	.78	Meth: 251.00 PPM			471 2.825 s 108.99			131 0.257 -.42			095 0.294 .79		
397	0.61	.78	<u>Lead</u>											
043	0.61	.72	<u>Atomic Absorption</u>											
			136	17.50 S	.00									

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 261.XX PCT			Meth: 281.30 PPM			Meth: 289.99 PPM			Meth: 291.30 PPM			Meth: 301.99 PPM		
<u>Acid Soluble Manganese</u>			Mercury			Molybdenum			Nickel			Selenium		
037	0.292	.78	<u>ICP</u>			<u>Other</u>			<u>ICP</u>			<u>Other</u>		
450	0.290	.75	393	1.16	.71	028	7.89	.87	027	26.00	-.75	231	1.15	.87
043	0.290	.75	Meth: 281.99 PPM			Meth: 289.XX PPM			Meth: 291.99 PPM			Meth: 301.XX PPM		
029	0.288	.74	Mercury			Molybdenum			Nickel			Selenium		
397	0.287	.73	<u>Other</u>			<u>Other</u>			<u>Other</u>			<u>Selenium</u>		
105	0.290	.70	086	0.05	1.12	096	9.00	1.52	037	22.46	-2.11	393	1.55	1.20
102	0.288	.68	296	0.05	.22	028	7.89	.96	474	11.00 s	-6.49	231	1.15	.62
433	0.287	.59	Avg 0.04			096 9.00 1.52			Meth: 291.XX PPM			Avg 0.72		
028	0.285	.54	009	0.04	-1.09	028 7.89 .96			Nickel			086 0.17 -.78		
055	0.275	.51	Meth: 281.XX PPM			450 7.00 .50			Meth: 291.XX PPM			450 0.00 -1.03		
009	0.274	.43	Mercury			433 6.82 .41			Nickel			Meth: 311.30 PCT		
368	0.280	.38	<u>Mercury</u>			247 6.80 .41			Meth: 291.XX PPM			Sodium		
324	0.279	.34	393	1.16	1.62	393 6.77 .38			Nickel			<u>Flame Photometric</u>		
360	0.275	.29	Avg 0.32			232 6.70 .35			009 33.76 R 2.26			105 0.31 .71		
231	0.275	.28	086	0.05	-.53	368 6.45 .22			450 32.50 1.75			Meth: 311.99 PCT		
292	0.275	.28	296	0.05	-.54	086 6.34 .20			368 30.45 .95			Sodium		
232	0.271	.18	009	0.04	-.56	009 6.11 R .18			049 30.05 .85			<u>Flame Photometric</u>		
393	0.268	.05	Meth: 289.30 PPM			035 6.16 .08			247 29.35 .59			105 0.31 .71		
177	0.268	.02	Molybdenum			Avg 6.02			096 29.00 .40			Meth: 311.99 PCT		
Avg	0.267		<u>ICP</u>			102 5.85 -.09			035 28.00 .08			Sodium		
351	0.266	-.09	096	9.00	2.05	231 3.82 -1.12			102 28.13 .07			<u>Other</u>		
426	0.259	-.35	450	7.00	.41	474 3.65 -1.21			Avg 27.96			422 0.42 s 12.48		
402	0.255	-.40	247	6.80	.29	422 1.00 -2.56			086 27.47 -.20			009 0.31 1.22		
354	0.256	-.46	Meth: 291.30 PPM			Meth: 291.30 PPM			232 26.90 -.41			086 0.30 1.15		
131	0.257	-.53	Nickel			Nickel			027 26.00 -.75			232 0.30 1.02		
422	0.249	-.57	<u>ICP</u>			<u>ICP</u>			393 25.25 -1.04			307 0.30 .92		
035	0.245	-.69	009	33.76 R	2.26	009 33.76 R 2.26			037 22.46 -2.11			Avg 0.30		
023	0.244	-.77	450	32.50	1.75	450 32.50 1.75			231 11.81 s -6.18			035 0.30 -.11		
086	0.242	-.82	368	30.45	.95	368 30.45 .95			474 11.00 s -6.49			102 0.30 -.32		
073	0.241	-.92	049	30.05	.85	049 30.05 .85			Meth: 301.30 PPM			474 0.29 -1.30		
262	0.230	-1.13	247	29.35	.59	247 29.35 .59			Selenium			Meth: 311.XX PCT		
307	0.229	-1.18	096	29.00	.40	096 29.00 .40			<u>ICP</u>			<u>Sodium</u>		
117	0.228	-1.20	035	28.00	.08	035 28.00 .08			393 1.55 .87			422 0.42 s 11.22		
474	0.210	-1.76	102	28.13	.07	102 28.13 .07			Avg 0.77			105 0.31 1.48		
027	0.186	-2.46	474	3.65	-2.34	Avg 27.96			450 0.00 -.87			009 0.31 1.07		
420	0.175	-2.79	422	1.00 s	-4.51	086 27.47 -.20						086 0.30 1.03		
						232 26.90 -.41						232 0.30 .92		

* 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
<u>Meth: 311.XX PCT</u>			<u>Meth: 321.30 PCT</u>			<u>Meth: 321.XX PCT</u>			<u>Meth: 321.XX PCT</u>			<u>Meth: 321.XX PCT</u>		
<u>Sodium</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>		
307	0.30	.83	ICP			055	0.365 R	1.47	086	0.346 R	-1.50			
Avg	0.30		023	0.359	.30	473	0.390	1.40	402	0.319	-1.60			
035	0.30	-.11	Avg	0.357		049	0.385	1.15	035	0.317	-1.77			
102	0.30	-.29	095	0.355	-.14	009	0.384	1.12	262	0.315 R	-2.02			
474	0.29	-1.21	368	0.353	-.15	360	0.385	1.11	422	0.256 s	-4.19			
			131	0.353	-.17	102	0.379	.96	247	0.007 s	-14.40			
			450	0.355	-.21	255	0.378	.85						
<u>Meth: 321.00 PCT</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Meth: 325.30 PCT</u>			<u>Meth: 325.30 PCT</u>		
<u>Acid Soluble Zinc</u>			<u>Atomic Absorption</u>			<u>Water Soluble Zinc</u>			<u>Water Soluble Zinc</u>			<u>Water Soluble Zinc</u>		
105	0.408 s	2.92	037	0.352	-.22	231	0.375	.75	ICP					
397	0.410	2.26	090	0.356	-.24	471	0.371 X	.69	393	0.250	.71			
471	0.371 X	.68	354	0.342	-.77	296	0.364	.46						
296	0.364	.45	426	0.342	-.86	023	0.359	.31	<u>Meth: 325.99 PCT</u>			<u>Meth: 325.99 PCT</u>		
177	0.362	.09	300	0.335	-.88	177	0.362	.18	<u>Water Soluble Zinc</u>			<u>Water Soluble Zinc</u>		
Avg	0.360		232	0.333	-.93	Avg	0.357		<u>Other</u>			<u>Other</u>		
200	0.355 X	-.33	073	0.333	-.95	095	0.355	-.16	450	0.355	.71			
028	0.357	-.34	433	0.333	-.96	368	0.353	-.18						
043	0.350	-.46	307	0.332	-1.08	131	0.353	-.20	<u>Meth: 325.XX PCT</u>			<u>Meth: 325.XX PCT</u>		
351	0.338	-1.03	291	0.326	-1.21	450	0.355	-.23	<u>Water Soluble Zinc</u>			<u>Water Soluble Zinc</u>		
029	0.336	-1.10	027	0.325	-1.30	200	0.355 X	-.23	450	0.355	.87			
262	0.315 R	-2.36	086	0.346 R	-1.42	420	0.355	-.23	Avg	0.303				
			402	0.319	-1.51	114	0.355	-.23	393	0.250	-.86			
			035	0.317	-1.67	037	0.352	-.25						
<u>Meth: 321.30 PCT</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>		
<u>Acid Soluble Zinc</u>			<u>ICP</u>			<u>ICP</u>			<u>ICP</u>			<u>ICP</u>		
432	0.625 s	11.61	422	0.256 s	-3.98	090	0.356	-.25						
117	0.413	2.19	247	0.007 s	-13.73	028	0.357	-.27						
096	0.394	1.54				474	0.350	-.30						
055	0.365 R	1.41	<u>Meth: 321.99 PCT</u>			<u>Meth: 321.99 PCT</u>			<u>Meth: 321.99 PCT</u>			<u>Meth: 321.99 PCT</u>		
473	0.390	1.36	<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>		
049	0.385	1.12	<u>Other</u>			<u>Other</u>			<u>Other</u>			<u>Other</u>		
009	0.384	1.09	474	0.350	.00	043	0.350	-.30	351	0.338	-.81			
360	0.385	1.09				354	0.342	-.83	029	0.336	-.88			
102	0.379	.94	<u>Meth: 321.XX PCT</u>			<u>Meth: 321.XX PCT</u>			<u>Meth: 321.XX PCT</u>			<u>Meth: 321.XX PCT</u>		
255	0.378	.83	<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>		
324	0.376	.80	432	0.625 s	12.14	073	0.333	-1.01	426	0.342	-.91			
231	0.375	.74	105	0.408 s	2.71	433	0.333	-1.03	300	0.335	-.94			
292	0.375	.74	117	0.413	2.27	307	0.332	-1.15	232	0.333	-.99			
			397	0.410	2.14	291	0.326	-1.29	073	0.333	-1.01			
			096	0.394	1.59	027	0.325	-1.39	433	0.333	-1.03			

* 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
001.10	9	- 0.76	2.46	0.17	050.50	7	0.00	0.99	0.31
001.99	9	- 0.21	1.14	0.27	050.51	9	0.00	1.01	0.19
001.XX	18	- 0.41	1.60	0.25	050.60	4	1.28	2.72	0.07
002.20	2	9.40	13.30	4.23	050.61	10	- 0.38	1.51	0.29
002.99	5	0.00	0.97	0.38	050.99	19	0.05	0.99	0.34
002.XX	7	1.50	4.07	1.07	050.XX	69	0.41	2.26	0.30
009.10	5	0.00	1.04	0.17	060.00	5	0.00	1.03	0.23
009.XX	5	0.00	1.04	0.17	060.XX	6	0.00	1.05	0.08
010.11	6	- 4.87	5.48	0.65	101.00	12	0.42	1.89	0.40
010.12	3	- 6.52	11.29	0.74	101.30	33	0.26	1.27	0.35
010.60	53	0.01	1.31	0.44	101.XX	47	0.39	1.56	0.40
010.99	5	0.00	1.02	0.27	121.00	11	0.71	2.16	0.42
010.XX	67	- 0.15	1.54	0.35	121.30	36	0.40	3.08	0.35
020.10	5	- 0.98	2.32	0.97	121.XX	48	0.41	2.68	0.34
020.20	15	0.03	0.97	0.31	131.XX	2	0.00	1.19	0.21
020.40	4	- 6.44	12.89	0.67	144.01	12	0.44	2.38	0.50
020.50	12	- 0.28	1.34	0.31	144.99	23	- 0.19	1.30	0.23
020.99	4	3.30	6.66	0.11	144.XX	37	- 0.16	1.52	0.26
020.XX	39	0.05	2.35	0.31	151.30	9	- 0.63	2.33	0.73
030.20	2	0.00	1.22	0.04	151.99	2	0.00	1.18	0.23
030.99	2	0.00	1.11	0.37	151.XX	12	- 0.28	1.53	0.47
030.XX	7	0.00	1.02	0.19	165.00	5	0.000	1.033	0.214
040.10	2	0.00	1.22	0.03	165.99	22	0.176	1.118	0.308
040.20	2	0.00	0.39	0.82	165.XX	27	0.005	1.332	0.364
040.99	2	0.00	1.13	0.33	171.99	3	0.000	1.101	0.160
040.XX	8	0.00	0.99	0.28	171.XX	3	0.000	1.101	0.160
041.10	12	0.00	0.79	0.63	181.30	12	0.27	1.27	0.94
041.20	2	6.36	9.00	0.50	181.XX	14	0.23	1.24	0.90
041.40	4	0.00	1.07	0.12	190.00	6	2.52	6.24	0.36
041.50	12	- 0.41	1.63	0.52	190.99	2	- 5.64	7.98	0.50
041.60	9	0.00	0.99	0.27	190.XX	8	- 2.04	11.78	0.61
041.99	3	- 1.11	2.11	0.08	191.30	12	0.00	1.01	0.13
041.XX	35	0.05	2.26	0.42	191.XX	13	0.00	1.01	0.12
048.20	3	0.00	1.10	0.15	202.00	2	0.00	1.22	0.04
048.XX	4	0.00	1.07	0.14	202.30	12	0.15	1.11	0.08
050.00	12	2.88	8.60	0.31	202.XX	15	0.11	1.07	0.06
050.10	2	0.00	1.21	0.12	221.00	4	2.4298	4.9439	1.5864
050.30	8	1.05	3.11	0.25	221.30	17	98.550	396.89	12.113
050.31	2	0.00	1.21	0.13	221.XX	22	22.701	104.39	3.2029

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
241.00	9	- 0.96	3.02	0.38					
241.30	34	- 0.25	1.60	0.28					
241.XX	43	- 0.46	1.85	0.30					
251.30	10	0.00	1.00	0.22					
251.XX	12	0.40	1.67	0.23					
261.00	10	10.893	34.460	1.191					
261.30	30	1.616	8.469	0.575					
261.99	5	0.000	1.005	0.302					
261.XX	46	2.792	13.377	0.640					
281.99	3	0.00	0.97	0.45					
281.XX	4	0.00	1.08	0.02					
289.30	13	- 0.37	1.56	0.11					
289.99	2	0.00	1.22	0.01					
289.XX	15	0.00	0.98	0.07					
291.30	14	- 0.31	2.09	0.17					
291.XX	15	- 0.70	2.53	0.17					
301.30	2	0.00	1.22	0.02					
301.99	2	0.00	1.22	0.02					
301.XX	4	0.00	1.08	0.02					
311.99	8	1.56	4.45	0.69					
311.XX	9	1.25	3.78	0.77					
321.00	11	0.012	1.305	0.714					
321.30	36	- 0.203	3.126	0.915					
321.XX	48	- 0.155	2.880	0.884					