

- Pass 1 Results for 73 Labs - - Pass 2 Results for 73 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	10.06	0.43	0.10	7	10.03	0.44	0.04
Ammoniacal Nitrogen, Other .....		001.99	9	10.15	0.84	0.05	8	10.20	0.89	0.03
Method Group 001.XX PCT			17	10.11	0.67	0.07	16	10.10	0.69	0.04
Ammon & Nitrate N, Devarda .....	892.01	009.10	1	10.00	0.01	0.02	1	10.00	0.01	0.02
Total Nitrogen, Modified Comprehensive	978.02	010.11	5	10.24	0.31	0.08	4	10.30	0.31	0.03
Total Nitrogen, Salicylic .....	955.04D	010.12	2	10.55	0.06	0.01	2	10.55	0.06	0.01
Total Nitrogen, Combustion .....		010.60	45	10.40	0.21	0.09	41	10.42	0.18	0.07
Total Nitrogen, Other .....		010.99	3	10.33	0.27	0.09	3	10.33	0.27	0.09
Method Group 010.XX PCT			57	10.36	0.26	0.09	52	10.39	0.23	0.07
Total Phosphate, Grav Quimociac .....	962.02	020.10	7	51.11	0.88	0.12	6	51.06	0.95	0.07
Total Phosphate, Spectrometric .....	958.01	020.20	14	51.14	0.86	0.41	14	51.14	0.86	0.41
Total Phosphate, Automated .....	978.01	020.40	8	51.42	0.70	0.29	7	51.24	0.50	0.19
Total Phosphate, ICP .....		020.50	10	49.78	2.53	0.85	10	49.78	2.53	0.85
Total Phosphate, Other .....		020.99	3	47.80	3.23	0.08	3	47.80	3.23	0.08
Method Group 020.XX PCT			44	50.42	2.07	0.44	42	50.47	1.93	0.34
Insoluble Phosphate, Grav Quimociac ...	963.03C	030.10	1	0.71	0.04	0.06	1	0.71	0.04	0.06
Insoluble Phosphate, Spectrometric ....	963.03C	030.20	1	1.07	0.01	0.02	1	1.07	0.01	0.02
Insoluble Phosphate, Automated .....	978.01	030.40	1	0.82	0.04	0.06	1	0.82	0.04	0.06
Insoluble Phosphate, Other .....		030.99	2	1.24	0.05	0.05	2	1.24	0.05	0.05
Method Group 030.XX PCT			5	1.02	0.23	0.05	5	1.02	0.23	0.05
InDir Available Phosphate, Grav Quim ..	960.02	040.10	2	49.06	1.93	0.05	2	49.06	1.93	0.05
InDir Available Phosphate, Automated ..	960.02	040.40	1	50.58	0.05	0.07	1	50.58	0.05	0.07
InDir Available Phosphate, Other .....		040.99	3	50.25	0.23	0.21	3	50.25	0.23	0.21
Method Group 040.XX PCT			6	49.91	1.20	0.14	6	49.91	1.20	0.14
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	10	50.27	0.86	0.20	9	50.43	0.75	0.15
Dir Available Phosphate, Spectrometric	960.03D	041.20	1	48.66	0.06	0.08	1	48.66	0.06	0.08
Dir Available Phosphate, Automated ....	978.01	041.40	2	51.58	0.82	0.17	2	51.58	0.82	0.17
Dir Available Phosphate, ICP .....		041.50	9	49.29	1.05	0.35	9	49.29	1.05	0.35
Dir Available Phosphate, EDTA Extract .	993.01	041.60	10	50.22	0.81	0.24	10	50.22	0.81	0.24
Dir Available Phosphate, Other .....		041.99	2	50.61	1.34	0.26	2	50.61	1.34	0.26
Method Group 041.XX PCT			35	49.95	1.22	0.26	33	50.08	1.08	0.22
Water Soluble Phosphate, Grav Quimociac	962.03	048.10	1	43.54	0.19	0.27	1	43.54	0.19	0.27
Water Soluble Phosphate, Spectrometric	970.01	048.20	3	45.69	1.84	0.41	3	45.69	1.84	0.41
Water Soluble Phosphate, ICP .....		048.50	1	42.73	0.02	0.03	1	42.73	0.02	0.03
Method Group 048.XX PCT			5	44.67	1.93	0.31	4	43.83	0.81	0.12
Soluble Potash, STPB Oxalate .....	958.02	050.00	10	60.37	0.58	0.49	9	60.48	0.37	0.34
Soluble Potash, STPB Citrate .....	969.04	050.10	2	60.17	0.61	0.03	2	60.17	0.61	0.03
Soluble Potash, AA (Oxalate) .....		050.30	5	59.86	1.21	0.32	5	59.86	1.21	0.32
Soluble Potash, ICP (Oxalate) .....		050.50	6	59.87	0.45	0.24	6	59.87	0.45	0.24

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Soluble Potash, ICP (Citrate) .....		050.51	9	60.41	0.83	0.40	9	60.41	0.83	0.40
Soluble Potash, Flame (Oxalate) .....	983.02(a)	050.60	2	61.08	1.45	0.42	2	61.08	1.45	0.42
Soluble Potash, Flame (Citrate) .....	983.02(b)	050.61	9	60.72	0.88	0.19	9	60.72	0.88	0.19
Soluble Potash, Other .....		050.99	16	60.01	1.05	0.61	14	60.07	0.90	0.29
Method Group 050.XX PCT			59	60.25	0.93	0.41	56	60.29	0.87	0.29
Free Water, Vacuum Oven .....	965.08B	060.00	5	0.74	0.08	0.04	5	0.74	0.08	0.04
Acid Soluble Calcium, ICP .....		101.30	8	0.59	0.34	0.02	8	0.59	0.34	0.02
Acid Soluble Magnesium, ICP .....		121.30	7	0.94	0.45	0.03	6	0.92	0.49	0.01
Sulfur, Gravimetric .....	980.02a	144.01	7	1.68	0.09	0.09	7	1.68	0.09	0.09
Sulfur, Gravimetric .....	980.02b	144.02	1	1.60	0.01	0.01	1	1.60	0.01	0.01
Sulfur, Spectrometric .....		144.70	1	1.51	0.01	0.02	1	1.51	0.01	0.02
Sulfur, Other .....		144.99	13	1.54	0.11	0.02	11	1.56	0.09	0.01
Method Group 144.XX PCT			22	1.58	0.12	0.04	20	1.58	0.12	0.02
Arsenic, Atomic Absorption .....		151.00	1	0.17	0.04	0.05	1	0.17	0.04	0.05
Arsenic, ICP .....		151.30	3	0.74	0.82	0.39	3	0.74	0.82	0.39
Arsenic, Other .....		151.99	1	0.33	0.01	0.02	1	0.33	0.01	0.02
Method Group 151.XX PPM			5	0.55	0.67	0.25	4	0.56	0.71	0.06
Acid Soluble Boron, Other .....		165.99	2	0.020	0.018	0.005	2	0.020	0.018	0.005
Cadmium, Atomic Absorption .....		181.00	1	0.11	0.01	0.02	1	0.11	0.01	0.02
Cadmium, ICP .....		181.30	5	2.63	1.75	0.17	5	2.63	1.75	0.17
Method Group 181.XX PPM			6	2.21	1.86	0.15	5	1.80	1.77	0.08
Water Soluble Chlorine, Titrimetric ...	928.02	190.00	11	47.30	0.86	0.43	11	47.30	0.86	0.43
Water Soluble Chlorine, Other .....		190.99	3	41.08	5.42	1.46	3	41.08	5.42	1.46
Method Group 190.XX PCT			14	45.96	3.57	0.65	13	46.46	3.15	0.37
Chromium, ICP .....		191.30	7	36.70	57.18	0.87	6	22.75	48.78	0.36
Chromium, Other .....		191.99	1	2.77	0.04	0.06	1	2.77	0.04	0.06
Method Group 191.XX PPM			8	32.45	54.48	0.77	7	19.90	45.45	0.32
Acid Soluble Cobalt, AA .....		202.00	1	14.10	0.57	0.80	1	14.10	0.57	0.80
Acid Soluble Cobalt, ICP .....	965.11	202.30	3	1.78	2.37	0.05	3	1.78	2.37	0.05
Acid Soluble Cobalt, Other .....		202.99	1	0.09	0.01	0.02	1	0.09	0.01	0.02
Method Group 202.XX PPM			5	3.90	5.70	0.19	4	1.36	2.15	0.04
Acid Soluble Copper, Atomic Absorption	975.01	221.00	1	0.0007	0.0006	0.0009	1	0.0007	0.0006	0.0009
Acid Soluble Copper, ICP .....		221.30	5	0.0005	0.0008	0.0000	5	0.0005	0.0008	0.0000
Acid Soluble Copper, Other .....		221.99	1	0.0001	0.0000	0.0000	1	0.0001	0.0000	0.0000
Method Group 221.XX PCT			7	0.0004	0.0007	0.0001	6	0.0004	0.0007	0.0000
Acid Soluble Iron, Atomic Absorption ..	980.01	241.00	1	2.90	0.01	0.02	1	2.90	0.01	0.02
Acid Soluble Iron, ICP .....		241.30	7	1.36	0.86	0.03	6	1.32	0.93	0.01
Method Group 241.XX PCT			8	1.55	0.96	0.03	7	1.54	1.03	0.01
Lead, Atomic Absorption .....		251.00	1	14.15	0.49	0.70	1	14.15	0.49	0.70

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Lead, ICP .....		251.30	5	1.55	1.81	0.31	5	1.55	1.81	0.31
Method Group 251.XX PPM			6	3.65	5.17	0.38	6	3.65	5.17	0.38
Acid Soluble Manganese, ICP .....	972.02a	261.30	7	0.020	0.013	0.002	6	0.019	0.014	0.000
Method Group 261.XX PCT			7	0.020	0.013	0.002	6	0.019	0.014	0.000
Mercury, ICP .....		281.30	1	1.39	0.04	0.05	1	1.39	0.04	0.05
Molybdenum, ICP .....		289.30	7	5.56	5.89	0.55	6	4.66	5.88	0.30
Nickel, Atomic Absorption .....		291.00	1	7.90	0.14	0.20	1	7.90	0.14	0.20
Nickel, ICP .....		291.30	7	6.74	9.68	0.35	7	6.74	9.68	0.35
Nickel, Other .....		291.99	1	0.30	0.00	0.00	1	0.30	0.00	0.00
Method Group 291.XX PPM			9	6.15	8.73	0.29	8	6.86	9.04	0.21
Selenium, ICP .....		301.30	2	0.12	0.13	0.01	2	0.12	0.13	0.01
Selenium, Other .....		301.99	1	5.08	0.22	0.31	1	5.08	0.22	0.31
Method Group 301.XX PPM			3	1.77	2.57	0.11	3	1.77	2.57	0.11
Sodium, Other .....		311.99	4	0.84	0.51	0.02	4	0.84	0.51	0.02
Acid Soluble Zinc, Atomic Absorption ..	975.02	321.00	1	0.001	0.000	0.000	1	0.001	0.000	0.000
Acid Soluble Zinc, ICP .....		321.30	11	0.003	0.003	0.000	10	0.003	0.003	0.000
Acid Soluble Zinc, Other .....		321.99	1	0.000	0.000	0.000	1	0.000	0.000	0.000
Method Group 321.XX PCT			13	0.003	0.003	0.000	12	0.003	0.003	0.000
Water Soluble Zinc, ICP .....		325.30	1	1.640	0.028	0.040	1	1.640	0.028	0.040

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: 010.60 PCT			Meth: 010.60 PCT			Meth: 010.XX PCT					
<u>Ammoniacal Nitrogen</u>			<u>Ammoniacal Nitrogen</u>			<u>Total Nitrogen</u>			<u>Total Nitrogen</u>			<u>Total Nitrogen</u>					
<u>MgO Distillation</u>			<u>Combustion</u>			<u>Combustion</u>			<u>Combustion</u>			<u>Combustion</u>					
444	10.52	1.10	470	10.25	.21	275	10.74	1.80	023	10.26	-.85	055	10.57	.80			
416	10.42	.87	Avg	10.10		027	10.74	1.77	057	10.25	-1.02	444	10.56	.76			
405	10.40	.83	420	9.75	-.52	354	10.65 R	1.64	234	10.26	-1.03	029	10.55	.73			
330	10.25 R	.75	351	9.60	-.72	049	10.62	1.13	368	10.18	-1.31	136	10.55	.71			
470	10.25	.48	456	9.54	-.81	042	10.55 R	1.12	450	10.08	-1.90	292	10.55	.71			
Avg	10.03		232	9.51	-.86	041	10.62	1.11	230	10.04 R	-2.31	405	10.52	.60			
351	9.60	-.98	027	9.38	-1.04	426	10.55	.97	420	9.96	-2.61	371	10.52	.60			
456	9.54	-1.11	368	8.39	-2.47	095	10.52	.88	406	9.93	-2.71	028	10.52	.58			
232	9.51	-1.19	230	7.53 s	-3.74	055	10.57	.83	324	9.81 R	-3.50	096	10.50	.58			
230	7.53 s	-5.66	Meth: 009.10 PCT			444	10.56	.78	325	9.70 s	-4.02	291	10.51	.56			
Meth: 001.99 PCT			Ammon & Nitrate N			029	10.55	.75	102	9.69 s	-4.08	117	10.50	.51			
<u>Ammoniacal Nitrogen</u>			<u>Devarda</u>			136	10.55	.72	307	9.69 s	-4.18	007	10.50	.51			
<u>Other</u>			090	10.00	.71	292	10.55	.72	035	5.39 s	-27.93	231	10.48	.43			
393	11.41	1.37	Meth: 010.11 PCT			405	10.52	.58	Meth: 010.99 PCT			476	10.48	.41			
137	10.66	.52	<u>Total Nitrogen</u>			096	10.50	.57	<u>Total Nitrogen</u>			073	10.48	.40			
479	10.49	.33	<u>Modified Comprehensi</u>			028	10.52	.55	<u>Other</u>			040	10.45	.36			
371	10.49	.32	114	10.60	.98	291	10.51	.54	371	10.52	.71	377	10.45	.36			
096	10.47	.30	105	10.43	.44	007	10.50	.47	476	10.48	.56	157	10.45	.36			
200	10.32	.14	090	10.34	.13	231	10.48	.37	Avg	10.33		247	10.45	.33			
Avg	10.20		Avg	10.30		377	10.45	.34	420	9.98	-1.30	105	10.43	.24			
420	9.75 R	-.52	260	10.01 R	-1.02	157	10.45	.34	Meth: 010.XX PCT			043	10.42	.20			
027	9.38	-.93	211	9.82	-1.53	040	10.45	.34	<u>Total Nitrogen</u>			233	10.41	.17			
368	8.39	-2.04	Meth: 010.12 PCT			073	10.48	.33	455			17.54 s	31.74	131	10.40	.15	
Meth: 001.XX PCT			Total Nitrogen			247	10.45	.30	478			12.45 s	9.19	177	10.40	.12	
<u>Ammoniacal Nitrogen</u>			<u>Salicylic</u>			Avg	10.42		393			11.42 s	4.60	247	10.45	.33	
393	11.41	1.90	455	17.54 S	119.80	233	10.41	-.17	275			10.74	1.58	247	10.45	.33	
137	10.66	.81	185	10.60	.87	360	10.39	-.18	027			10.74	1.55	105	10.43	.24	
444	10.52	.61	Avg	10.55		131	10.40	-.19	354			10.65 R	1.42	043	10.42	.34	
479	10.49	.57	117	10.50	-.86	043	10.42	-.19	049			10.62	1.04	157	10.45	.36	
371	10.49	.56	Meth: 010.60 PCT			009	10.37	-.26	041			10.62	1.02	233	10.41	.17	
096	10.47	.53	Total Nitrogen			232	10.37	-.30	042			10.55 R	.99	131	10.40	.15	
416	10.42	.47	<u>Combustion</u>			037	10.33	-.54	114			10.60	.96	177	10.40	.12	
405	10.40	.44	478	12.45 s	11.33	451	10.34	-.58	185			10.60	.96	360	10.39	-.18	
330	10.25 R	.42	393	11.42 s	5.58	402	10.34	-.61	426			10.55	.88	275	10.74	1.58	
200	10.32	.32	Meth: 010.12 PCT			351	10.29	-.70	095			10.52	.80	027	10.74	1.55	
Meth: 001.10 PCT			Total Nitrogen			034	10.27	-.84	Meth: 010.60 PCT			Total Nitrogen			027	10.74	1.77
<u>Ammoniacal Nitrogen</u>			<u>Salicylic</u>			<u>Combustion</u>			<u>Combustion</u>			<u>Combustion</u>			<u>Combustion</u>		
444	10.52	1.10	455	17.54 S	119.80	402	10.34	-.61	023	10.26	-.85	055	10.57	.80	444	10.56	.76
416	10.42	.87	185	10.60	.87	351	10.29	-.70	057	10.25	-1.02	444	10.56	.76	029	10.55	.73
405	10.40	.83	Avg	10.55		043	10.42	-.19	234	10.26	-1.03	136	10.55	.71	136	10.55	.71
330	10.25 R	.75	117	10.50	-.86	009	10.37	-.26	368	10.18	-1.31	292	10.55	.71	292	10.55	.71
470	10.25	.48	Meth: 010.60 PCT			232	10.37	-.30	450	10.08	-1.90	405	10.52	.60	405	10.52	.60
Avg	10.03		Total Nitrogen			037	10.33	-.54	230	10.04 R	-2.31	371	10.52	.60	371	10.52	.60
351	9.60	-.98	<u>Combustion</u>			451	10.34	-.58	420	9.96	-2.61	028	10.52	.58	028	10.52	.58
456	9.54	-1.11	478	12.45 s	11.33	402	10.34	-.61	406	9.93	-2.71	096	10.50	.58	096	10.50	.58
232	9.51	-1.19	393	11.42 s	5.58	351	10.29	-.70	324	9.81 R	-3.50	291	10.51	.56	291	10.51	.56
230	7.53 s	-5.66	Meth: 009.10 PCT			034	10.27	-.84	325	9.70 s	-4.02	117	10.50	.51	117	10.50	.51
Meth: 001.99 PCT			Ammon & Nitrate N			Meth: 010.11 PCT			Meth: 010.99 PCT			Meth: 010.XX PCT					
<u>Ammoniacal Nitrogen</u>			<u>Devarda</u>			<u>Total Nitrogen</u>			<u>Total Nitrogen</u>			<u>Total Nitrogen</u>					
<u>Other</u>			090	10.00	.71	114	10.60	.98	371	10.52	.71	476	10.48	.41	476	10.48	.41
393	11.41	1.37	Meth: 010.12 PCT			105	10.43	.44	Avg	10.33		073	10.48	.40	073	10.48	.40
137	10.66	.52	Total Nitrogen			090	10.34	.13	420	9.98	-1.30	040	10.45	.36	040	10.45	.36
479	10.49	.33	<u>Salicylic</u>			Avg	10.30		Meth: 010.XX PCT			377	10.45	.36	377	10.45	.36
371	10.49	.32	455	17.54 S	119.80	260	10.01 R	-1.02	<u>Total Nitrogen</u>			157	10.45	.36	157	10.45	.36
096	10.47	.30	185	10.60	.87	211	9.82	-1.53	455			17.54 s	31.74	247	10.45	.33	
200	10.32	.14	Avg	10.55		073	10.48	.33	478			12.45 s	9.19	105	10.43	.24	
Avg	10.20		117	10.50	-.86	247	10.45	.30	393			11.42 s	4.60	043	10.42	.20	
420	9.75 R	-.52	Meth: 010.60 PCT			040	10.45	.34	275			10.74	1.58	233	10.41	.17	
027	9.38	-.93	Total Nitrogen			073	10.48	.33	027			10.74	1.55	131	10.40	.15	
368	8.39	-2.04	<u>Combustion</u>			247	10.45	.30	354			10.65 R	1.42	177	10.40	.12	
Meth: 001.XX PCT			<u>Salicylic</u>			Avg	10.42		049			10.62	1.04	360	10.39	.09	
<u>Ammoniacal Nitrogen</u>			<u>Salicylic</u>			233	10.41	-.17	041			10.62	1.02	Avg	10.39		
<u>Other</u>			455	17.54 S	119.80	360	10.39	-.18	042			10.55 R	.99	009	10.37	-.08	
393	11.41	1.90	185	10.60	.87	131	10.40	-.19	114			10.60	.96	009	10.37	-.08	
137	10.66	.81	Avg	10.55		043	10.42	-.19	185			10.60	.96	232	10.37	-.15	
444	10.52	.61	117	10.50	-.86	009	10.37	-.26	426			10.55	.88	090	10.34	-.22	
479	10.49	.57	Meth: 010.60 PCT			232	10.37	-.30	095			10.52	.80	037	10.33	-.31	
371	10.49	.56	Total Nitrogen			037	10.33	-.54	Meth: 010.60 PCT			Total Nitrogen			451	10.34	-.58
096	10.47	.53	<u>Combustion</u>			451	10.34	-.58	Total Nitrogen			<u>Combustion</u>			043	10.42	.20
416	10.42	.47	478	12.45 s	11.33	402	10.34	-.61	455			17.54 s	31.74	043	10.42	.20	
405	10.40	.44	393	11.42 s	5.58	351	10.29	-.70	478			12.45 s	9.19	233	10.41	.17	
330	10.25 R	.42	Meth: 010.12 PCT			034	10.27	-.84	426			10.55	.88	131	10.40	.15	
200	10.32	.32	Total Nitrogen			Avg	10.42		095			10.52	.80	177	10.40	.12	
Meth: 001.10 PCT			Total Nitrogen			233	10.41	-.17	Meth: 010.60 PCT			Total Nitrogen			360	10.39	.09
<u>Ammoniacal Nitrogen</u>			<u>Salicylic</u>			360	10.39	-.18	Total Nitrogen			<u>Combustion</u>			Avg	10.39	
<u>Other</u>			455	17.54 S	119.80	131	10.40	-.19	455			17.54 s	31.74	009	10.37	-.08	
393	11.41	1.90	185	10.60	.87	043	10.42	-.19	478			12.45 s	9.19	232	10.37	-.15	
137	10.66	.81	Avg	10.55		009	10.37	-.26	393			11.42 s	4.60	090	10.34	-.22	
444	10.52	.61	117	10.50	-.86	232	10.37	-.30	275			10.74	1.58	037	10.33	-.31	
479	10.49	.57	Meth: 010.60 PCT			037	10.33	-.54	027			10.74	1.55	451	10.34	-.36	
371	10.49	.56	Total Nitrogen			451	10.34	-.58	35								

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 010.XX PCT			Meth: 020.20 PCT			Meth: 020.99 PCT			Meth: 020.XX PCT			Meth: 030.XX PCT		
<u>Total Nitrogen</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			<u>Insoluble Phosphate</u>		
450	10.08	-1.38	<u>Spectrometric</u>			<u>Other</u>			292	50.36	-.08	247	1.27	1.10
230	10.04 R	-1.72	371	51.08	-.09	137	51.95	1.28	402	50.30	-.09	405	1.22	.85
260	10.01	-1.77	420	51.09	-.39	Avg	47.80		478	50.27	-.16	479	1.07	.23
420	9.98	-1.82	232	50.49	-.84	476	46.13	-.52	393	50.07	-.21	Avg	1.02	
420	9.96	-1.95	292	50.36	-.91	455	45.33	-.77	368	50.11	-.30	096	0.82	-.86
406	9.93	-2.03	200	49.79	-1.56	Meth: 020.XX PCT			200	49.79	-.36	090	0.71	-1.33
211	9.82	-2.51	230	49.45	-2.09	<u>Total Phosphate</u>			230	49.45	-.63	Meth: 040.10 PCT		
324	9.81 R	-2.67	234	46.76 s	-5.11	451	53.73	1.68	114	49.05	-.74	InDir Available Phos		
325	9.70	-3.07	428	45.61 s	-6.40	307	52.87 R	1.38	330	47.65	-1.48	<u>Grav Quim</u>		
102	9.69 A	-3.12	Meth: 020.40 PCT			027	52.67	1.17	234	46.76	-1.95	090	50.73	.87
307	9.69 s	-3.21	<u>Total Phosphate</u>			406	52.30	.94	426	46.60	-2.01	Avg	49.06	
035	5.39 s	-22.17	<u>Automated</u>			095	52.08	.83	476	46.13	-2.25	300	47.39	-.87
Meth: 020.10 PCT			027	52.67 R	3.06	137	51.95	.76	428	45.61	-2.52	Meth: 040.40 PCT		
<u>Total Phosphate</u>			095	52.08	1.71	296	51.91	.76	432	45.74 R	-2.55	InDir Available Phos		
<u>Grav Quimociac</u>			105	51.41	.34	450	51.90	.74	455	45.33	-2.67	<u>Automated</u>		
444	51.61	.58	096	51.40	.32	324	51.75	.70	041	9.55 s	-21.18	096	50.58	.71
043	51.51	.47	247	51.29	.10	444	51.61	.59	Meth: 030.10 PCT			Meth: 040.99 PCT		
157	51.40 R	.41	Avg	51.24		416	51.53	.55	Insoluble Phosphate			InDir Available Phos		
090	51.44	.40	456	51.15	-.19	405	51.51	.54	<u>Grav Quimociac</u>			<u>Other</u>		
105	51.40	.35	042	50.78	-1.09	043	51.51	.53	090	0.71	.71	479	50.43	.96
470	51.40	.35	035	50.57	-1.46	090	51.44	.50	Meth: 030.20 PCT			405	50.29	.77
Avg	51.06		Meth: 020.50 PCT			157	51.40	.49	Insoluble Phosphate			Avg	50.25	
114	49.05	-2.13	<u>Total Phosphate</u>			105	51.41	.48	<u>Spectrometric</u>			247	50.02	-1.00
041	9.55 s	-43.80	<u>ICP</u>			231	51.40	.48	479	1.07	.71	Meth: 040.XX PCT		
Meth: 020.20 PCT			451	53.73	1.56	096	51.40	.48	Meth: 030.40 PCT			InDir Available Phos		
<u>Total Phosphate</u>			307	52.87	1.31	105	51.40	.48	Insoluble Phosphate			090	50.73	.68
<u>Spectrometric</u>			291	50.43	.26	470	51.40	.48	<u>Automated</u>			096	50.58	.57
406	52.30	1.35	368	50.11	.22	479	51.38	.47	096	0.82	-.71	479	50.43	.45
296	51.91	.98	478	50.27	.21	247	51.29	.42	Meth: 030.99 PCT			405	50.29	.35
450	51.90	.90	402	50.30	.20	420	51.09	.36	Insoluble Phosphate			247	50.02	.10
324	51.75	.88	393	50.07	.12	456	51.15	.35	<u>Other</u>			Avg	49.91	
405	51.51	.47	Avg	49.78		371	51.08	.31	247	1.27	1.06	300	47.39	-2.09
416	51.53	.47	330	47.65	-.86	042	50.78	.21	Avg	1.24		Meth: 040.99 PCT		
231	51.40	.33	426	46.60	-1.26	232	50.49	.18	405	1.22	-.61	InDir Available Phos		
479	51.38	.28	432	45.74	-1.68	035	50.57	.15	Meth: 030.99 PCT			InDir Available Phos		
Avg	51.14		Meth: 020.20 PCT			Avg	50.47		Insoluble Phosphate			InDir Available Phos		
Meth: 020.20 PCT			<u>Total Phosphate</u>			291	50.43	-.03	<u>Other</u>			InDir Available Phos		
<u>Total Phosphate</u>			<u>Spectrometric</u>			Meth: 020.99 PCT			<u>Total Phosphate</u>			InDir Available Phos		
<u>Spectrometric</u>			<u>Other</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			InDir Available Phos		

\* 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: 041.10 PCT			Meth: 041.50 PCT			Meth: 041.XX PCT			Meth: 048.20 PCT			Meth: 050.10 PCT		
Dir Available Phosph			Dir Available Phosph			Dir Available Phosph			Water Soluble Phosph			Soluble Potash		
<u>Grav Quimociac</u>			<u>ICP</u>			<u>ICP</u>			<u>Spectrometric</u>			<u>STPB Citrate</u>		
131	51.15	.96	325	47.00	-2.20	105	50.81	.72	420	48.03	1.30	117	60.70	.87
009	51.04	.84	354	43.60 s	-5.44	177	50.74	.63	Avg	45.69		Avg	60.17	
049	51.00	.77				007	50.62	.57	096	44.59	-.60	300	59.64	-.87
211	50.93	.67	Meth: 041.60 PCT			296	50.42	.32	479	44.46	-.67			
040	50.50	.41	Dir Available Phosph			073	50.37	.27				Meth: 050.30 PCT		
Avg	50.43		<u>EDTA Extract</u>			136	50.36	.26	Meth: 048.50 PCT			Soluble Potash		
055	50.22	-.29	029	50.96	.92	291	50.32	.24	Water Soluble Phosph			<u>AA (Oxalate)</u>		
105	50.18	-.34	105	50.81	.82	037	50.20	.16	<u>ICP</u>			073	64.84 S	4.11
177	50.14	-.39	177	50.74	.68	055	50.22	.15	393	42.73	.71	185	64.60 S	3.91
185	48.87 R	-2.13	296	50.42	.26	105	50.18	.10				040	61.25	1.18
102	48.70	-2.30	073	50.37	.20	034	50.16	.09	Meth: 048.XX PCT			023	61.07	1.00
			136	50.36	.19	043	50.10	.06	<u>Water Soluble Phosph</u>			Avg	59.86	
Meth: 041.20 PCT			Avg	50.22		177	50.14	.06	420	48.03 R	5.22	234	59.58	-.30
Dir Available Phosph			034	50.16	-.10	Avg	50.08		096	44.59	.95	351	59.09	-.64
<u>Spectrometric</u>			037	50.20	-.16	043	49.78	-.28	479	44.46	.78	043	58.33	-1.27
200	48.66	.71	043	50.10	-.16	377	49.70	-.36	Avg	43.83				
			117	48.05	-2.70	351	49.46	-.57	444	43.54	-.40	Meth: 050.50 PCT		
Meth: 041.40 PCT			028	46.56 s	-4.55	055	49.36	-.67	393	42.73	-1.36	Soluble Potash		
Dir Available Phosph						393	48.96	-1.03				<u>ICP (Oxalate)</u>		
<u>Automated</u>			Meth: 041.99 PCT			360	48.92	-1.08	Meth: 050.00 PCT			324	60.45	1.40
095	52.28	.88	Dir Available Phosph			023	48.96 R	-1.14	Soluble Potash			426	60.28	1.13
Avg	51.58		<u>Other</u>			185	48.87	-1.16	<u>STPB Oxalate</u>			055	59.99	.39
131	50.88	-.86	296	51.77	.88	102	48.70	-1.28	009	60.81	1.19	Avg	59.87	
			Avg	50.61		200	48.66	-1.31	211	60.84	.96	354	59.58	-.64
Meth: 041.50 PCT			351	49.46	-.86	117	48.05	-1.89	057	60.68	.88	292	59.50	-.82
Dir Available Phosph						325	47.00	-2.85	470	60.60	.30	420	59.42	-1.01
<u>ICP</u>			Meth: 041.XX PCT			028	46.56 A	-3.27	Avg	60.48				
009	54.42 s	4.90	<u>Dir Available Phosph</u>			354	43.60 s	-5.99	090	60.47	-.06	Meth: 050.51 PCT		
007	50.62	1.30	009	54.42 s	4.02				231	60.45	-.28	Soluble Potash		
291	50.32	.99	095	52.28	2.04	Meth: 048.10 PCT			416	60.17	-.86	<u>ICP (Citrate)</u>		
043	49.78	.47	296	51.77	1.58	Water Soluble Phosph			049	60.39	-.97	007	61.72	1.61
377	49.70	.40	131	51.15	.99	<u>Grav Quimociac</u>			102	59.95	-1.88	009	60.97	.69
055	49.36	.16	009	51.04	.90	444	43.54	.71	114	59.34 R	-3.92	393	60.97	.68
Avg	49.29		049	51.00	.86				230	57.20 S	-8.88	478	60.61	.44
393	48.96	-.32	029	50.96	.82				055	56.30 S	-11.28	432	60.45	.08
360	48.92	-.38	211	50.93	.79							Avg	60.41	
023	48.96	-.60	131	50.88	.74							291	60.26	-.18

\* 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: 050.51 PCT			Meth: 050.99 PCT			Meth: 050.XX PCT			Meth: 050.XX PCT			Meth: 121.30 PCT		
Soluble Potash			Soluble Potash			Soluble Potash			Soluble Potash			Acid Soluble Magnesi		
<u>ICP (Citrate)</u>			<u>Other</u>						<u>ICP</u>					
043	59.88	-.64	444	60.11	.04	117	60.70	.47	296	58.94	-1.69	Avg	0.92	
377	59.85	-.86	Avg	60.07		049	60.39	.41	368	58.79 R	-2.09	354	0.84	-.18
296	58.94	-1.89	371	59.95	-.21	470	60.60	.35	043	58.33	-2.26	035	0.04	-1.81
			402	59.71	-.45	324	60.45	.34	230	57.20 s	-3.57			
			200	59.48	-.65	105	60.50	.24	325	56.80 s	-4.03			
Meth: 050.60 PCT			275			231			055			Meth: 144.01 PCT		
Soluble Potash			59.55			60.47			56.30 s			Sulfur		
<u>Flame (Oxalate)</u>			455			60.45			Meth: 060.00 PCT			<u>Gravimetric</u>		
406	62.30	.84	307	59.07	-1.21	037	60.36	.10	Free Water			296	1.76	1.10
Avg	61.08		232	58.93	-1.27	137	60.38	.10	<u>Vacuum Oven</u>			057	1.76	.88
105	59.86	-.89	368	58.79 R	-1.82	Avg	60.29		479	0.85	1.32	105	1.69	.14
			325	56.80 S	-3.64	291	60.26	-.04	456	0.76	.77	Avg	1.68	
						034	60.26	-.11	007	0.78	.40	095	1.67	-.18
Meth: 050.61 PCT			Meth: 050.XX PCT			416			Avg			324		
Soluble Potash			Soluble Potash			60.17			0.74			1.62		
<u>Flame (Citrate)</u>			<u>Soluble Potash</u>			60.13			0.68			-.70		
029	62.38	1.90	451	63.52 s	6.05	131	60.13	-.19	416	0.68	-.79	230	1.60	-1.29
028	61.59	1.05	073	64.84 s	5.23	476	60.14	-.20	096	0.65	-1.17	043	1.68	-1.52
456	61.08	.41	185	64.60 s	4.95	444	60.11	-.21	Meth: 101.30 PCT			Meth: 144.02 PCT		
095	60.86	.18	330	64.35 s	4.67	426	60.28	-.34	Acid Soluble Calcium			Sulfur		
Avg	60.72		029	62.38	2.40	055	59.99	-.39	<u>ICP</u>			<u>Gravimetric</u>		
105	60.50	-.25	406	62.30	2.30	371	59.95	-.43	479	1.00	1.20	292	1.60	-.71
037	60.36	-.42	177	62.26	2.26	043	59.88	-.48	393	0.92	.97			
034	60.26	-.53	042	60.32 R	2.10	102	59.95	-.65	096	0.74	.43	Meth: 144.70 PCT		
131	60.13	-.67	007	61.72	1.67	105	59.86	-.68	232	0.67	.23	Sulfur		
035	59.29	-1.63	028	61.59	1.53	402	59.71	-.70	131	0.65	.19	<u>Spectrometric</u>		
			040	61.25	1.17	377	59.85	-.73	354	0.63	.13	450	1.51	.71
			023	61.07	.90	300	59.64	-.75	Avg	0.59				
Meth: 050.99 PCT			023			354			420			Meth: 144.99 PCT		
Soluble Potash			61.07			59.58			0.07			Sulfur		
<u>Other</u>			456			59.58			0.07			<u>Other</u>		
451	63.52 s	5.98	450	61.06	.88	292	59.50	-.91	035	0.07	-1.56	360	2.01 s	5.20
330	64.35 S	4.75	009	60.97	.78	200	59.48	-.93	Meth: 121.30 PCT			102	1.66	1.17
177	62.26	2.42	393	60.97	.78	275	59.55	-.95	Acid Soluble Magnesi			027	1.66	1.16
042	60.32 R	2.04	009	60.81	.68	420	59.42	-1.01	<u>ICP</u>			368	1.64	.93
450	61.06	1.09	095	60.86	.66	035	59.29	-1.16	479	1.63	1.45	479	1.61	.58
131	60.83	.84	211	60.84	.63	455	59.17	-1.31	393	1.05 R	.28	247	1.60	.48
360	60.36	.57	131	60.83	.61	351	59.09	-1.38	096	1.03	.22	330	1.60	.46
137	60.38	.34	057	60.68	.54	307	59.07	-1.50	131	0.99	.15	Avg	1.56	
476	60.14	.12	478	60.61	.50	114	59.34 R	-1.51	232	0.99	.15			
			360	60.36	.49	232	58.93	-1.57						

\* 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: 144.99 PCT			Meth: 151.00 PPM			Meth: 181.30 PPM			Meth: 190.99 PCT			Meth: 191.99 PPM		
Sulfur			Arsenic			Cadmium			Water Soluble Chlori			Chromium		
<u>Other</u>			<u>Atomic Absorption</u>			<u>ICP</u>			<u>Other</u>			<u>Other</u>		
096	1.54	-0.30	136	0.17	.71	247	4.25	.94	455	47.55	1.19	231	2.77	.71
232	1.51	-.60	Meth: 151.30 PPM			232	3.84	.69	Avg	41.08		Meth: 191.XX PPM		
307	1.49	-.82	Arsenic			096	3.70	.61	368	39.58	-.48	<u>Chromium</u>		
231	1.51 R	-.84	<u>ICP</u>			Avg	2.63		137	36.11	-.92	096	127.00	2.36
291	1.47	-1.12	247	22.00 S	25.85	393	1.37	-.72	Meth: 190.XX PCT			232	120.35 R	2.21
393	1.40	-1.94	393	1.69	1.15	450	0.00	-1.50	<u>Water Soluble Chlori</u>			Avg	19.90	
354	1.30 R	-3.15	Avg	0.74		Meth: 181.XX PPM			230	48.45	.67	393	7.80	-.27
Meth: 144.XX PCT			450	0.50	-.68	<u>Cadmium</u>			028	48.29	.59	231	2.77	-.38
<u>Sulfur</u>			102	0.05	-.85	247	4.25 R	1.39	105	47.77	.42	035	0.85	-.42
360	2.01 s	3.64	Meth: 151.99 PPM			232	3.84	1.15	291	47.78	.42	230	0.46	-.43
296	1.76	1.63	Arsenic			096	3.70	1.08	455	47.55	.35	102	0.41	-.43
057	1.76	1.55	<u>Other</u>			Avg	1.80		444	47.45	.32	450	0.00	-.44
043	1.68 R	1.42	231	0.33	.71	393	1.37	-.25	043	47.32	.27	Meth: 202.00 PPM		
105	1.69	.96	Meth: 151.XX PPM			136	0.11	-.96	055	47.27	.26	Acid Soluble Cobalt		
095	1.67	.79	Arsenic			450	0.00	-1.02	470	47.14	.22	<u>AA</u>		
230	1.60 R	.71	247	22.00 s	30.35	Meth: 190.00 PCT			029	46.95	.16	136	14.10	.71
102	1.66	.70	393	1.69	1.60	Water Soluble Chlori			Avg	46.46		Meth: 202.30 PPM		
027	1.66	.70	Avg	0.56		<u>Titrimetric</u>			102	46.18	-.09	Acid Soluble Cobalt		
368	1.64	.53	231	0.33	-.32	230	48.45	1.54	023	45.70	-.32	<u>ICP</u>		
324	1.62	.35	136	0.17	-.56	028	48.29	1.17	368	39.58 R	-2.29	232	4.84	1.29
479	1.61	.27	450	0.50 R	-.71	105	47.77	.62	137	36.11	-3.29	Avg	1.78	
247	1.60	.20	102	0.05	-.72	291	47.78	.56	479	1.38 s	-14.32	102	0.25	-.65
330	1.60	.18	Meth: 165.99 PCT			444	47.45	.31	Meth: 191.30 PPM			450	0.25	-.65
292	1.60	.15	Acid Soluble Boron			043	47.32	.10	Chromium			Meth: 202.99 PPM		
Avg	1.58		<u>Other</u>			Avg	47.30		<u>ICP</u>			Acid Soluble Cobalt		
096	1.54	-.37	354	0.035	.89	055	47.27	-.04	096	127.00	2.14	<u>Other</u>		
450	1.51	-.59	Avg	0.020		470	47.14	-.19	232	120.35 R	2.00	231	0.09	.71
232	1.51	-.59	232	0.005	-.84	029	46.95	-.45	Avg	22.75		Meth: 202.XX PPM		
231	1.51	-.74	Meth: 181.00 PPM			102	46.18	-1.30	393	7.80	-.31	<u>Acid Soluble Cobalt</u>		
307	1.49	-.75	Cadmium			023	45.70	-2.01	035	0.85	-.45	136	14.10 R	5.93
291	1.47	-.97	<u>Atomic Absorption</u>			479	1.38 s	-53.35	230	0.46	-.46	232	4.84	1.62
393	1.40	-1.57	136	0.11	.71				102	0.41	-.46	Avg	1.36	
354	1.30	-2.45							450	0.00	-.47			

\* 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: 202.XX PPM			Meth: 241.00 PCT			Meth: 251.30 PPM			Meth: 261.XX PCT			Meth: 291.30 PPM		
<u>Acid Soluble Cobalt</u>			<u>Acid Soluble Iron</u>			<u>Lead</u>			<u>Acid Soluble Manganese</u>			<u>Nickel</u>		
102	0.25	-.51	<u>Atomic Absorption</u>			<u>ICP</u>			096 0.030 .77			<u>ICP</u>		
450	0.25	-.52	479	2.90	-.71	096	2.20	.42	354	0.025 R	.57	450	0.50	-.65
231	0.09	-.59	Meth: 241.30 PCT			393 0.73 -.45			131 0.027 .55			232 0.026 .54		
Meth: 221.00 PCT			<u>Acid Soluble Iron</u>			102 0.22 -.73			Avg 0.019			102 0.37 -.66		
<u>Acid Soluble Copper</u>			<u>ICP</u>			450 0.00 -.85			035 0.001 -1.34			Meth: 291.99 PPM		
<u>Atomic Absorption</u>			393	17.79 s	17.73	Meth: 251.XX PPM			102 0.001 -1.35			<u>Nickel</u>		
296	0.0007	.71	096	2.04	.78	<u>Lead</u>			Meth: 281.30 PPM			<u>Other</u>		
Meth: 221.30 PCT			307	2.00	.73	136 14.15 2.03			Mercury			231 0.30 .00		
<u>Acid Soluble Copper</u>			131	1.97	.71	247 4.60 .19			<u>ICP</u>			Meth: 291.XX PPM		
<u>ICP</u>			232	1.76	.48	Avg 3.65			393 1.39 .71			<u>Nickel</u>		
393	1.5250 s	1920.98	354	1.62 R	.33	096 2.20 -.29			Meth: 289.30 PPM			247 23.25 1.81		
354	0.0020	1.89	Avg 1.32			393 0.73 -.56			Molybdenum			232 19.50 1.40		
Avg	0.0005		035	0.07	-1.35	102 0.22 -.66			<u>ICP</u>			136 7.90 .12		
095	0.0001	-.41	102	0.06	-1.35	450 0.00 -.71			247 12.90 1.40			Avg 6.86		
433	0.0001	-.44	Meth: 241.XX PCT			Meth: 261.30 PCT			232 12.25 1.29			393 1.84 -.56		
232	0.0001	-.48	<u>Acid Soluble Iron</u>			<u>Acid Soluble Manganese</u>			096 11.00 R 1.09			035 1.25 -.62		
114	0.0000	-.57	393	17.79 s	15.78	<u>ICP</u>			Avg 4.66			450 0.50 R -.71		
Meth: 221.99 PCT			479	2.90	1.32	307 0.030 .83			114 1.50 -.54			230 0.47 -.71		
<u>Acid Soluble Copper</u>			096	2.04	.48	096 0.030 .77			393 1.14 -.60			102 0.37 -.72		
<u>Other</u>			307	2.00	.44	354 0.025 R .57			433 0.15 -.77			231 0.30 -.73		
231	0.0001	.71	131	1.97	.42	131 0.027 .55			450 0.00 -.79			Meth: 301.30 PPM		
Meth: 221.XX PCT			232	1.76	.21	232 0.026 .54			Meth: 291.00 PPM			Selenium		
<u>Acid Soluble Copper</u>			354	1.62 R	.09	Avg 0.019			Nickel			<u>ICP</u>		
393	1.5250 s	2079.13	Avg 1.54			035 0.001 -1.34			Avg 0.12			393 0.23 .87		
354	0.0020	2.14	035	0.07	-1.43	102 0.001 -1.35			136 7.90 -.71			Avg 0.12		
296	0.0007 R	.76	102	0.06	-1.44	Meth: 261.99 PCT			Meth: 291.30 PPM			450 0.00 -.86		
Avg	0.0004		Meth: 251.00 PPM			<u>Acid Soluble Manganese</u>			Nickel			Meth: 301.99 PPM		
095	0.0001	-.36	<u>Lead</u>			<u>Other</u>			<u>ICP</u>			<u>Selenium</u>		
433	0.0001	-.38	136	14.15	.71	393 5.695 S .00			247 23.25 1.71			Other		
232	0.0001	-.43	Meth: 251.30 PPM			Meth: 261.XX PCT			232 19.50 1.32			231 5.08 .71		
231	0.0001	-.44	<u>Lead</u>			<u>Acid Soluble Manganese</u>			Avg 6.74					
114	0.0000	-.53	<u>ICP</u>			393 5.695 s 414.60			393 1.84 -.51					
			247	4.60	1.69	307 0.030 .83			035 1.25 -.57					

\* 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: 301.XX PPM

Selenium  
 231 5.08 1.29  
 Avg 1.77  
 393 0.23 -.60  
 450 0.00 -.69

Meth: 311.99 PCT

Sodium  
Other  
 035 1.36 1.02  
 102 1.25 .80  
 Avg 0.84  
 105 0.51 -.63  
 232 0.22 -1.19

Meth: 321.00 PCT

Acid Soluble Zinc  
Atomic Absorption  
 296 0.001 -.71

Meth: 321.30 PCT

Acid Soluble Zinc  
ICP  
 096 0.008 1.53  
 354 0.008 1.47  
 247 0.006 .87  
 307 0.006 R .82  
 232 0.006 .76  
 Avg 0.003  
 035 0.002 -.44  
 433 0.001 -.74  
 230 0.000 -.84  
 102 0.000 -.84  
 095 0.000 -.85  
 114 0.000 -.90

Lab Average\* Index

Meth: 321.99 PCT

Acid Soluble Zinc  
Other  
 231 0.000 .71

Meth: 321.XX PCT

Acid Soluble Zinc  
 096 0.008 1.73  
 354 0.008 1.67  
 247 0.006 1.05  
 307 0.006 R .99  
 232 0.006 .93  
 Avg 0.003  
 035 0.002 -.33  
 433 0.001 -.64  
 296 0.001 -.65  
 231 0.000 -.71  
 230 0.000 -.74  
 102 0.000 -.75  
 095 0.000 -.75  
 114 0.000 -.81

Meth: 325.30 PCT

Water Soluble Zinc  
ICP  
 393 1.640 -.71

Lab Average\* Index

Lab Average\* Index

\* 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	- 0.57	2.11	0.25	101.XX	8	0.00	1.03	0.03
001.99	9	- 0.06	0.98	0.04	121.30	7	0.04	0.96	0.05
001.XX	18	- 0.19	1.30	0.12	121.XX	7	0.04	0.96	0.05
010.11	5	- 0.18	1.02	0.22	144.01	7	0.00	0.70	0.72
010.12	3	39.93	69.17	0.55	144.99	14	0.10	1.91	0.21
010.60	51	- 0.52	4.54	0.41	144.XX	23	0.20	1.20	0.32
010.99	3	0.00	1.09	0.20	151.30	4	6.46	12.95	0.31
010.XX	61	0.27	5.28	0.31	151.XX	6	5.05	12.43	0.29
020.10	8	- 5.43	15.53	0.09	165.99	2	0.000	1.192	0.199
020.20	16	- 0.72	2.17	0.35	165.XX	2	0.000	1.192	0.199
020.40	8	0.36	1.37	0.47	181.30	5	0.00	1.06	0.07
020.50	10	0.00	0.99	0.24	181.XX	6	0.23	1.10	0.06
020.99	3	0.00	1.12	0.02	190.00	12	- 4.45	15.43	0.34
020.XX	44	- 0.52	3.36	0.19	190.99	3	0.00	1.08	0.23
030.99	2	0.00	0.85	0.62	190.XX	15	- 1.10	3.82	0.20
030.XX	5	0.00	1.05	0.11	191.30	7	0.29	1.22	0.02
040.10	2	0.00	1.22	0.02	191.XX	8	0.28	1.24	0.02
040.99	3	0.00	0.91	0.53	202.30	3	0.00	1.12	0.01
040.XX	6	0.00	1.05	0.07	202.XX	5	1.19	2.81	0.08
041.10	10	- 0.21	1.16	0.21	221.30	6	313.12	767.00	163.50
041.40	2	0.00	1.21	0.13	221.XX	8	254.23	718.90	153.25
041.50	11	- 0.05	2.48	0.20	241.30	8	2.26	6.32	0.04
041.60	11	- 0.41	1.67	0.20	241.XX	9	1.76	5.33	0.04
041.99	2	0.00	1.21	0.13	251.30	5	0.00	1.05	0.12
041.XX	30	- 0.36	1.63	0.37	251.XX	6	0.00	1.05	0.05
048.20	3	0.00	1.10	0.16	261.30	7	0.063	0.972	0.139
048.XX	5	1.04	2.50	0.30	261.XX	8	51.879	146.56	0.913
050.00	12	- 1.93	3.99	0.92	289.30	7	0.15	1.04	0.07
050.10	2	0.00	1.22	0.03	289.XX	7	0.15	1.04	0.07
050.30	7	1.15	2.13	0.18	291.30	7	0.00	1.04	0.03
050.50	6	0.00	0.97	0.37	291.XX	9	- 0.08	1.00	0.03
050.51	9	0.00	0.97	0.33	301.30	2	0.00	1.22	0.05
050.60	2	0.00	1.19	0.19	301.XX	3	0.00	1.12	0.03
050.61	9	0.00	1.02	0.15	311.99	4	0.00	1.08	0.02
050.99	19	0.20	1.89	1.20	311.XX	4	0.00	1.08	0.02
050.XX	61	0.11	1.70	0.80	321.30	11	0.074	1.005	0.026
060.00	5	0.00	0.98	0.36	321.XX	13	0.076	1.017	0.026
060.XX	5	0.00	0.98	0.36					
101.30	8	0.00	1.03	0.03					