

MAGRUDER - Fertilizer Check Sample No. - 200303 Grade 10-20-20

- Pass 1 Results for 82 Labs - - Pass 2 Results for 80 Labs -

Method	AOAC Ref.	Method Code	No. of Labs	Grand Avq.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avq.	Std. Dev.	Average Range of Dups
Ammoniacal Nitrogen, MgO Distillation .	920.03	001.10	6	9.42	0.22	0.09	6	9.42	0.22	0.09
Ammoniacal Nitrogen, Other		001.99	6	9.47	0.09	0.06	6	9.47	0.09	0.06
Method Group 001.XX PCT			12	9.45	0.16	0.07	12	9.45	0.16	0.07
Nitrate Nitrogen, Robertson	930.01	002.10	1	19.11	0.04	0.06	1	19.11	0.04	0.06
Ammon & Nitrate N, Devarda	892.01	009.10	6	9.49	0.30	0.10	6	9.49	0.30	0.10
Total Nitrogen, Reduced Iron		010.10	2	9.96	0.11	0.06	2	9.96	0.11	0.06
Total Nitrogen, Modified Comprehensive	978.02	010.11	8	9.84	0.12	0.08	8	9.84	0.12	0.08
Total Nitrogen, Salicylic	955.04D	010.12	7	9.89	0.05	0.04	7	9.89	0.05	0.04
Total Nitrogen, Raney	970.03	010.16	1	10.19	0.05	0.07	1	10.19	0.05	0.07
Total Nitrogen, Combustion		010.60	47	10.00	0.12	0.06	44	9.99	0.11	0.05
Total Nitrogen, Other		010.99	2	9.83	0.07	0.07	2	9.83	0.07	0.07
Method Group 010.XX PCT			67	9.96	0.13	0.06	63	9.96	0.12	0.05
Total Phosphate, Grav Quimociac	962.02	020.10	9	19.14	0.24	0.11	9	19.14	0.24	0.11
Total Phosphate, Spectrometric	958.01	020.20	23	19.11	0.33	0.10	23	19.11	0.33	0.10
Total Phosphate, Automated	978.01	020.40	6	19.12	0.13	0.10	6	19.12	0.13	0.10
Total Phosphate, ICP		020.50	3	18.94	0.50	0.05	3	18.94	0.50	0.05
Method Group 020.XX PCT			41	19.10	0.30	0.10	41	19.10	0.30	0.10
Insoluble Phosphate, Grav Quimociac ...	963.03C	030.10	2	0.03	0.02	0.00	2	0.03	0.02	0.00
Insoluble Phosphate, Automated	978.01	030.40	4	0.04	0.04	0.01	4	0.04	0.04	0.01
Method Group 030.XX PCT			6	0.04	0.03	0.01	5	0.04	0.03	0.00
InDir Available Phosphate, Grav Quim ..	960.02	040.10	2	18.99	0.10	0.06	2	18.99	0.10	0.06
InDir Available Phosphate, Spectrometri	960.02	040.20	1	19.15	0.11	0.16	1	19.15	0.11	0.16
InDir Available Phosphate, Automated ..	960.02	040.40	3	19.01	0.11	0.14	3	19.01	0.11	0.14
InDir Available Phosphate, Other		040.99	1	19.23	0.04	0.05	1	19.23	0.04	0.05
Method Group 040.XX PCT			7	19.06	0.13	0.11	7	19.06	0.13	0.11
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	19	19.13	0.17	0.05	17	19.09	0.11	0.03
Dir Available Phosphate, Spectrometric	960.03D	041.20	3	19.01	0.45	0.29	3	19.01	0.45	0.29
Dir Available Phosphate, Alka Quim	960.03C	041.30	1	18.97	0.12	0.17	1	18.97	0.12	0.17
Dir Available Phosphate, Automated	978.01	041.40	4	18.90	0.28	0.05	4	18.90	0.28	0.05
Dir Available Phosphate, ICP		041.50	7	19.22	0.46	0.10	7	19.07	0.59	0.06
Dir Available Phosphate, EDTA Extract .	993.01	041.60	11	19.06	0.27	0.12	10	19.00	0.20	0.08
Method Group 041.XX PCT			46	19.11	0.31	0.10	43	19.11	0.29	0.07
Water Soluble Phosphate, Spectrometric	970.01	048.20	2	17.26	0.78	0.29	2	17.26	0.78	0.29
Water Soluble Phosphate, Other		048.99	2	17.14	0.15	0.20	2	17.14	0.15	0.20
Method Group 048.XX PCT			4	17.20	0.52	0.24	4	17.20	0.52	0.24
Soluble Potash, STPB Oxalate	958.02	050.00	20	20.57	0.17	0.09	18	20.57	0.17	0.06
Soluble Potash, STPB Citrate	969.04	050.10	1	20.24	0.00	0.00	1	20.24	0.00	0.00
Soluble Potash, AA (Oxalate)		050.30	12	20.35	0.54	0.26	13	20.25	0.63	0.26
Soluble Potash, AA (Citrate)		050.31	1	20.30	0.42	0.60	1	20.30	0.42	0.60

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Soluble Potash, ICP (Oxalate)		050.50	3	20.48	0.29	0.26	3	20.48	0.29	0.26
Soluble Potash, ICP (Citrate)		050.51	7	20.34	0.46	0.16	7	20.34	0.46	0.16
Soluble Potash, Flame (Oxalate)	983.02(a)	050.60	5	20.55	0.35	0.15	5	20.55	0.35	0.15
Soluble Potash, Flame (Citrate)	983.02(b)	050.61	6	20.74	0.36	0.22	6	20.74	0.36	0.22
Soluble Potash, Other		050.99	12	20.39	0.36	0.25	12	20.39	0.36	0.25
Method Group 050.XX PCT			68	20.46	0.38	0.19	65	20.48	0.34	0.17
Free Water, Vacuum Oven	965.08B	060.00	7	0.85	0.14	0.07	7	0.85	0.14	0.07
Acid Soluble Calcium, ICP		101.30	7	0.59	0.03	0.00	7	0.59	0.03	0.00
Acid Soluble Magnesium, AA	984.01	121.00	1	0.44	0.01	0.02	1	0.44	0.01	0.02
Acid Soluble Magnesium, ICP		121.30	8	0.46	0.02	0.01	7	0.46	0.03	0.00
Method Group 121.XX PCT			10	0.53	0.21	0.01	10	0.60	0.29	0.00
Water Soluble Magnesium, Other		131.99	1	2.28	0.11	0.16	1	2.28	0.11	0.16
Sulfur, Gravimetric	980.02a	144.01	4	6.98	0.12	0.05	4	6.98	0.12	0.05
Sulfur, Gravimetric	980.02b	144.02	1	6.66	0.00	0.00	1	6.66	0.00	0.00
Sulfur, Other		144.99	3	6.82	0.16	0.05	3	6.82	0.16	0.05
Method Group 144.XX PCT			8	6.88	0.17	0.04	8	6.88	0.17	0.04
Arsenic, Atomic Absorption		151.00	2	4.72	0.08	0.11	2	4.72	0.08	0.11
Arsenic, ICP		151.30	5	5.08	0.60	0.36	5	5.08	0.60	0.36
Arsenic, Other		151.99	2	6.16	0.22	0.13	2	6.16	0.22	0.13
Method Group 151.XX PPM			9	5.24	0.69	0.26	9	5.24	0.69	0.26
Acid Soluble Boron, Other		165.99	3	0.026	0.015	0.002	3	0.026	0.015	0.002
Cadmium, Atomic Absorption		181.00	3	1.98	0.08	0.04	3	1.98	0.08	0.04
Cadmium, ICP		181.30	11	2.11	0.28	0.07	10	2.08	0.27	0.04
Cadmium, Other		181.99	1	2.00	0.00	0.00	1	2.00	0.00	0.00
Method Group 181.XX PPM			15	2.08	0.25	0.06	14	2.06	0.24	0.04
Water Soluble Chlorine, Other		190.99	1	15.65	0.02	0.03	1	15.65	0.02	0.03
Chromium, ICP		191.30	11	38.24	3.51	0.67	11	38.24	3.51	0.67
Chromium, Other		191.99	1	44.00	2.83	4.00	1	44.00	2.83	4.00
Method Group 191.XX PPM			12	38.72	3.78	0.95	11	38.24	3.51	0.67
Acid Soluble Cobalt, ICP	965.11	202.30	11	2.70	0.72	0.09	11	2.70	0.72	0.09
Acid Soluble Cobalt, Other		202.99	1	3.50	0.71	1.00	1	3.50	0.71	1.00
Method Group 202.XX PPM			12	2.77	0.74	0.16	11	2.70	0.72	0.09
Acid Soluble Copper, Atomic Absorption	975.01	221.00	4	0.0012	0.0001	0.0000	3	0.0012	0.0001	0.0000
Acid Soluble Copper, ICP		221.30	14	0.0010	0.0003	0.0001	14	0.0010	0.0003	0.0001
Acid Soluble Copper, Other		221.99	1	0.0010	0.0001	0.0001	1	0.0010	0.0001	0.0001
Method Group 221.XX PCT			19	0.0011	0.0003	0.0001	18	0.0011	0.0002	0.0001
Acid Soluble Iron, ICP		241.30	8	0.44	0.03	0.01	8	0.44	0.03	0.01
Acid Soluble Iron, Other		241.99	1	0.58	0.00	0.00	1	0.58	0.00	0.00
Method Group 241.XX PCT			9	0.46	0.05	0.01	9	0.46	0.05	0.01

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Lead, Atomic Absorption		251.00	3	5.78	1.81	0.31	3	5.78	1.81	0.31
Lead, ICP		251.30	12	5.16	1.68	0.78	12	5.16	1.68	0.78
Lead, Other		251.99	2	6.18	1.26	1.05	2	6.18	1.26	1.05
Method Group 251.XX PPM			17	5.39	1.66	0.73	17	5.39	1.66	0.73
Acid Soluble Manganese, ICP	972.02a	261.30	7	0.037	0.003	0.003	7	0.037	0.003	0.003
Mercury, Atomic Absorption		281.00	1	0.03	0.02	0.03	1	0.03	0.02	0.03
Molybdenum, ICP		289.30	11	4.27	0.71	0.45	10	4.16	0.58	0.34
Molybdenum, Other		289.99	2	5.85	0.30	0.30	2	5.85	0.30	0.30
Method Group 289.XX PPM			13	4.52	0.88	0.43	12	4.44	0.84	0.33
Nickel, ICP		291.30	5	6.55	0.80	0.40	5	6.55	0.80	0.40
Nickel, Other		291.99	1	6.58	0.40	0.57	1	6.58	0.40	0.57
Method Group 291.XX PPM			6	6.55	0.74	0.43	6	6.55	0.74	0.43
Selenium, Atomic Absorption		301.00	1	0.08	0.01	0.01	1	0.08	0.01	0.01
Selenium, ICP		301.30	1	7.00	0.00	0.00	1	7.00	0.00	0.00
Selenium, Other		301.99	2	0.18	0.08	0.02	2	0.18	0.08	0.02
Method Group 301.XX PPM			4	1.86	3.17	0.01	4	1.86	3.17	0.01
Sodium, Atomic Absorption	983.04	311.00	1	0.41	0.00	0.00	1	0.41	0.00	0.00
Sodium, Flame Photometric	974.01	311.30	1	0.44	0.00	0.00	1	0.44	0.00	0.00
Sodium, Other		311.99	3	0.47	0.02	0.00	3	0.47	0.02	0.00
Method Group 311.XX PCT			5	0.45	0.03	0.00	5	0.45	0.03	0.00
Acid Soluble Zinc, Atomic Absorption ..	975.02	321.00	6	0.033	0.001	0.001	6	0.033	0.001	0.001
Acid Soluble Zinc, ICP		321.30	14	0.034	0.003	0.001	13	0.034	0.004	0.001
Acid Soluble Zinc, Other		321.99	1	0.031	0.000	0.000	1	0.031	0.000	0.000
Method Group 321.XX PCT			21	0.034	0.003	0.001	20	0.034	0.003	0.001

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 001.10 PCT			Meth: 002.10 PCT			Meth: 010.12 PCT			Meth: 010.60 PCT			Meth: 010.XX PCT		
Ammoniacal Nitrogen			Nitrate Nitrogen			Total Nitrogen			Total Nitrogen			<u>Total Nitrogen</u>		
<u>MgO Distillation</u>			<u>Robertson</u>			<u>Salicylic</u>			<u>Combustion</u>					
040	9.60	.95	090	19.11	.71	102	9.98	1.71	231	10.00	.14	354	10.64	s 5.78
029	9.62	.93				137	9.91	.46	Avg	9.99		398	10.62	s 5.76
288	9.61	.86	Meth: 009.10 PCT			351	9.90	.41	029	9.98	-.08	360	10.56	s 5.07
Avg	9.42		Ammon & Nitrate N			Avg	9.89		055	9.99	-.09	034	10.29	A 2.90
389	9.35	-.40	<u>Devarda</u>			185	9.86	-.58	177	9.99	-.09	095	10.22	2.17
372	9.23	-.90	391	9.81	1.09	397	9.85	-.68	106	9.98	-.22	022	10.21	2.11
262	9.12	-1.42	030	9.70	.79	416	9.85	-1.03	028	9.97	-.23	419	10.19	1.92
			129	9.55	.27	254	9.85	-1.15	262	9.98	-.28	409	10.18	1.86
			392	9.56	.24				247	9.96	-.41	023	10.15	1.65
Meth: 001.99 PCT			Avg			Meth: 010.16 PCT			381			157		
Ammoniacal Nitrogen			257			Total Nitrogen			136			157		
<u>Other</u>			258			<u>Raney</u>			234			157		
247	9.56	.95	Meth: 010.10 PCT			419			296			157		
289	9.51	.76	Total Nitrogen			10.19			040			157		
193	9.53	.67	<u>Reduced Iron</u>						024			157		
397	9.52	.45	405						086			157		
Avg	9.47		Avg						041			157		
409	9.41	-.74	114						324			157		
418	9.32	-1.68	9.87						232			157		
			-.87						070			157		
			Meth: 010.11 PCT						233			157		
			Total Nitrogen						292			157		
			<u>Modified Comprehensi</u>						049			157		
			288						142			157		
			105						042			157		
			363						377			157		
			029						325			157		
			Avg						009			157		
			414						330			157		
			090									157		
			322									157		
			211									157		
			Meth: 010.12 PCT									157		
			Total Nitrogen									157		
			<u>Salicylic</u>									157		
			398									157		
			10.62									157		
			s 14.10									157		

* 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: 020.10 PCT			Meth: 020.20 PCT			Meth: 020.XX PCT			Meth: 030.10 PCT		
<u>Total Nitrogen</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			<u>Insoluble Phosphate</u>		
296	9.93	-.25	<u>Grav Quimociac</u>			<u>Spectrometric</u>			105	19.29	.60	<u>Grav Quimociac</u>		
247	9.96	-.26	136	19.37	1.03	262	18.60	-1.57	391	19.27	.55	090	0.04	.87
040	9.94	-.32	095	19.14	.34	Meth: 020.40 PCT			232	19.25	.49	Avg 0.03		
024	9.93	-.38	414	19.17 X	.29	Total Phosphate			247	19.25	.48	405 0.01 -.87		
137	9.91	-.46	Avg 19.14			<u>Automated</u>			390	19.17	.42	Meth: 030.40 PCT		
363	9.91	-.51	313	19.14	-.23	105	19.29	1.26	289	19.16	.32	Insoluble Phosphate		
351	9.90	-.51	114	19.01	-.56	247	19.25	.99	414	19.17 X	.29	<u>Automated</u>		
086	9.93	-.51	043	19.01	-.64	Avg 19.12			095	19.14	.29	193	0.10	1.59
232	9.91	-.54	405	18.93	-.91	096	19.09	-.40	258	19.19	.28	Avg 0.04		
070	9.91	-.57	157	18.87	-1.13	409	19.05	-.66	231	19.15	.22	096 0.03 -.48		
029	9.90	-.59	Meth: 020.20 PCT			035	19.02	-.83	313	19.14	.21	247 0.03 -.55		
324	9.93	-.59	Total Phosphate			193	19.05	-1.29	392	19.15	.18	409 0.02 -.67		
292	9.89	-.63	<u>Spectrometric</u>			042	16.97 s	-16.65	142	19.13	.16	Meth: 030.XX PCT		
233	9.92	-.63	324	20.04 S	2.90	Meth: 020.50 PCT			361	19.14	.13	<u>Insoluble Phosphate</u>		
041	9.96	-.65	418	19.95	2.55	Total Phosphate			Avg	19.10		193	0.10	1.80
177	9.88	-.72	362	19.61	1.53	<u>ICP</u>			096	19.09	-.14	090 0.04 .03		
114	9.87	-.84	234	19.58	1.43	354	20.83 S	4.22	257	19.05	-.18	Avg 0.04		
049	9.87	-.93	419	19.40	.88	330	20.42 S	3.53	409	19.05	-.23	096 0.03 R -.40		
142	9.86	-.93	363	19.30	.63	389	19.38	.87	035	19.02	-.30	247 0.03 -.44		
185	9.86	-.93	391	19.27	.49	361	19.14	.40	114	19.01	-.33	409 0.02 -.56		
397	9.85	-.98	232	19.25	.44	Avg 18.94			043	19.01	-.41	405 0.01 -.86		
416	9.85	-1.01	390	19.17	.38	393	18.31	-1.26	193	19.05	-.53	Meth: 040.10 PCT		
254	9.85	-1.06	289	19.16	.29	Meth: 020.XX PCT			405	18.93	-.60	InDir Available Phos		
042	9.89 R	-1.06	258	19.19	.25	<u>Total Phosphate</u>			288	18.93	-.60	<u>Grav Quim</u>		
377	9.84	-1.11	231	19.15	.20	354	20.83 s	6.47	381	18.89	-.73	090 19.07 .87		
325	9.83	-1.15	392	19.15	.16	330	20.42 s	5.38	416	18.89	-.75	Avg 18.99		
009	9.83	-1.19	142	19.13	.14	324	20.04 s	3.17	157	18.87	-.77	405 18.92 -.86		
330	9.79	-1.49	257	19.05	-.18	418	19.95	2.79	397	18.87	-.83	Meth: 040.20 PCT		
414	9.79 X	-1.57	288	18.93	-.56	105	19.62	1.72	030	18.85	-.85	InDir Available Phos		
105	9.79	-1.57	381	18.89	-.68	362	19.61	1.68	372	18.78	-1.09	<u>Spectrometri</u>		
090	9.76	-1.74	416	18.89	-.70	234	19.58	1.57	292	18.69	-1.39	289 19.15 .71		
322	9.77	-1.75	397	18.87	-.77	419	19.40	.97	129	18.65	-1.50			
211	9.66 A	-2.76	030	18.85	-.80	136	19.37	.90	262	18.60	-1.69			
Meth: 020.10 PCT			372	18.78	-1.01	389	19.38	.89	393	18.31	-2.61			
Total Phosphate			292	18.69	-1.29	363	19.30	.70	042	16.97 s	-7.05			
<u>Grav Quimociac</u>			129	18.65	-1.39									
105	19.62	2.09												

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	
Meth: 040.40 PCT			Meth: 041.10 PCT			Meth: 041.50 PCT			Meth: 041.XX PCT			Meth: 048.20 PCT			
<u>InDir Available Phos</u>			<u>Dir Available Phosph</u>			<u>Dir Available Phosph</u>			<u>Dir Available Phosph</u>			<u>Water Soluble Phosph</u>			
<u>Automated</u>			<u>Grav Quimociac</u>			<u>ICP</u>						<u>Spectrometric</u>			
096	19.06	.51	022	19.07	-.15	361	19.13	.10	095	19.17	.43	362	17.92	.88	
409	19.03	.34	137	19.08	-.19	Avg	19.22		233	19.19	.30	Avg	17.26		
Avg	19.01		040	19.08	-.19	360	19.02	-.11	351	19.12	.21	193	16.60	-.85	
193	18.95	-1.46	102	19.05	-.33	325	18.92	-.26	055	19.14	.20	Meth: 048.99 PCT			
Meth: 040.99 PCT			131 19.00 -.83			040 18.17 S -1.53			296 19.16 .16			<u>Water Soluble Phosph</u>			
<u>InDir Available Phos</u>			322 18.95 -1.19						029 19.14 .11			<u>Other</u>			
<u>Other</u>			086 18.84 -2.20			Meth: 041.60 PCT			361 19.13 .10			247 17.18 .26			
247	19.23	-.71	Meth: 041.20 PCT			<u>Dir Available Phosph</u>			Avg 19.11			Avg 17.14			
Meth: 040.XX PCT			<u>Dir Available Phosph</u>			<u>EDTA Extract</u>			211 19.10 -.03			275 17.10 X -1.20			
<u>InDir Available Phos</u>			<u>Spectrometric</u>			105 19.58 R 3.23			177 19.08 -.10			Meth: 048.XX PCT			
247	19.23	1.35	362	19.49	1.07	028	19.25	1.23	028	19.08	-.12	<u>Water Soluble Phosph</u>			
289	19.15	.98	Avg	19.01		043	19.23	1.13	137	19.08	-.12	362 17.92 1.42			
090	19.07	.26	106	18.93	-.28	095	19.17	1.01	040	19.08	-.12	Avg 17.20			
096	19.06	.24	055	18.61	-1.13	351	19.12	.67	022	19.07	-.13	247 17.18 -.05			
Avg	19.06		Meth: 041.30 PCT			296 19.02 .09			102 19.05 -.20			275 17.10 X -.39			
409	19.03	-.37	<u>Dir Available Phosph</u>			Avg 19.00			049 19.04 -.28			193 16.60 -1.16			
405	18.92	-1.14	<u>Alka Quim</u>			073 19.00 -.02			296 19.02 -.30						
193	18.95	-1.46	260 18.97 .71			397 18.97 -.37			360 19.02 -.33						
Meth: 041.10 PCT			Meth: 041.40 PCT			177 18.86 -.75			131 19.01 -.35			Meth: 050.00 PCT			
<u>Dir Available Phosph</u>			<u>Dir Available Phosph</u>			288 18.74 -1.37			073 19.00 -.37			<u>Soluble Potash</u>			
<u>Grav Quimociac</u>			<u>Automated</u>			377 18.70 -1.63			131 19.00 -.39			<u>STPB Oxalate</u>			
254	19.85 s	6.80	262 18.05 s -4.85			Meth: 041.XX PCT			397 18.97 -.53			009 20.91 2.02			
105	19.49 R	3.69	Meth: 041.XX PCT			<u>Dir Available Phosph</u>			322 18.95 -.53			102 20.78 1.21			
185	19.49 R	3.66	<u>Dir Available Phosph</u>			354 19.91 2.74			260 18.97 -.57			095 20.60 R 1.20			
041	19.38	2.61	2025 19.26 1.31			254 19.85 2.55			325 18.92 -.65			131 20.77 1.17			
233	19.19	.96	131 19.01 .42	070 19.78 2.28			106 18.93 -.70			177 18.86 -.86			258 20.71 .82		
055	19.14	.65	Avg 18.90	105 19.58 R 1.86			177 18.86 -.86			086 18.84 -.92			391 20.64 .58		
296	19.16	.61	029 18.73 X -.61	105 19.49 1.35			086 18.84 -.92			211 20.66 .50					
009	19.13	.52	027 18.59 -1.11	185 19.49 1.34			288 18.74 -1.28			231 20.65 .47					
029	19.14	.45	Meth: 041.50 PCT			105 19.49 1.35			029 18.73 X -1.30			Avg 20.57			
211	19.10	.12	<u>Dir Available Phosph</u>			185 19.49 1.34			377 18.70 -1.44			416 20.57 -.26			
Avg	19.09		<u>ICP</u>			362 19.49 1.31			027 18.59 -1.77			029 20.53 -.29			
177	19.08	-.08	354 19.91 1.41			041 19.38 .93			007 18.59 -1.79			049 20.57 -.33			
028	19.08	-.11	070 19.78 1.19	023 19.18 R .73			023 19.38 .93			055 18.61 R -2.01			043 20.51 -.37		
* X=Excluded from lab performance			023 19.18 R .38	025 19.26 .54			023 19.18 R .73			040 18.17 s -3.23			392 20.52 -.43		
			S/s=Screened Outlier	028 19.25 .48			025 19.26 .54			262 18.05 s -3.63			345 20.48 -.58		
			R=Duplicate Range too large				028 19.25 .48								
			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: 050.00 PCT			Meth: 050.50 PCT			Meth: 050.61 PCT			Meth: 050.XX PCT			Meth: 050.XX PCT		
Soluble Potash			Soluble Potash			Soluble Potash			<u>Soluble Potash</u>			<u>Soluble Potash</u>		
<u>STPB Oxalate</u>			<u>ICP (Oxalate)</u>			<u>Flame (Citrate)</u>								
418	20.57	- .59	324	20.72	1.09	029	20.40	- .95	035	20.71	.80	157	20.20	- .82
296	20.46	- .69	106	20.52	.62				389	20.73	.74	360	20.43	- .83
090	20.43	- .94	Avg	20.48		Meth: 050.99 PCT			095	20.60	.69	257	20.19	- .84
372	20.38	-1.14	157	20.20	- .97	Soluble Potash			258	20.71	.69	254	20.30	-1.02
233	20.49 R	-1.21	354	18.29 S	-7.89	<u>Other</u>			363	20.62	.68	105	20.15	-1.08
257	20.19	-2.28				042	20.80	1.29	262	20.65	.68	234	20.10	-1.12
129	19.75 s	-4.89	Meth: 050.51 PCT			177	20.80	1.15	233	20.49	.54	393	20.09	-1.13
			Soluble Potash			330	20.65	.97	022	20.65	.53	397	20.14	-1.15
			<u>ICP (Citrate)</u>			360	20.43	.79	030	20.65	.53	007	19.99	-1.51
Meth: 050.10 PCT			070	21.05	1.58	022	20.65	.74	211	20.66	.53	289	19.93	-1.60
Soluble Potash			389	20.73	.85	325	20.60	.58	106	20.52	.53	260	20.05 R	-1.64
<u>STPB Citrate</u>			023	20.45	.31	Avg	20.39		391	20.64	.53	247	19.89	-1.74
322	20.24	.71	377	20.40	.26	027	20.33	- .18	231	20.65	.51	129	19.75	-2.13
Meth: 050.30 PCT			Avg	20.34		232	20.26	- .38	418	20.57	.40	361	19.67	-2.36
Soluble Potash			393	20.09	- .54	419	20.30	- .61	325	20.60	.35	142	19.57	-2.66
<u>AA (Oxalate)</u>			007	19.99	- .84	289	19.93	-1.28	049	20.57	.31	351	19.30 A	-3.47
381	21.09	1.41	361	19.67	-1.46	260	20.05	-1.38	416	20.57	.30	073	19.06 s	-4.16
193	21.05	1.29				247	19.89	-1.41	392	20.52	.18	275	18.63 s	-5.43
040	20.59	.69	Meth: 050.60 PCT			275	18.63 s	-4.91	029	20.53	.15	354	18.29 s	-6.71
262	20.65	.67	Soluble Potash						043	20.51	.11			
363	20.62	.64	<u>Flame (Oxalate)</u>			Meth: 050.XX PCT			Avg	20.48		Meth: 060.00 PCT		
185	20.40	.28	114	21.04	1.40	<u>Soluble Potash</u>			345	20.48	- .04	Free Water		
095	20.41	.25	390	20.77	.71	025	21.32 R	2.64	296	20.46	- .10	<u>Vacuum Oven</u>		
137	20.34	.14	Avg	20.55		381	21.09	2.01	028	20.45	- .12	363	1.09	1.78
Avg	20.35		288	20.42	- .44	095	20.41	- .21	095	20.41	- .21	247	0.94	.90
234	20.10	- .26	055	20.39	- .47	029	20.40	- .22	090	20.43	- .24	Avg	0.85	
397	20.14	- .37	105	20.15	-1.27	070	21.05	1.72	288	20.42	- .26	416	0.82	- .25
142	19.57	-1.09				114	21.04	1.64	055	20.39	- .27	007	0.78	- .51
351	19.30	-1.53	Meth: 050.61 PCT			041	20.92	1.33	372	20.38	- .29	193	0.75	- .72
073	19.06 S	-1.90	Soluble Potash			009	20.91	1.28	023	20.45	- .29	362	0.85	- .76
			<u>Flame (Citrate)</u>			042	20.80	1.14	185	20.40	- .37	361	0.70	-1.05
			025	21.32	1.84	177	20.80	.96	377	20.40	- .37	Meth: 101.30 PCT		
			041	20.92	.57	324	20.72	.93	137	20.34	- .42	Acid Soluble Calcium		
			Avg	20.74		390	20.77	.92	027	20.33	- .44	<u>ICP</u>		
			030	20.65	- .29	040	20.59	.89	232	20.26	- .65	361	0.65	1.73
			035	20.71	- .40	102	20.78	.88	322	20.24	- .69	009	0.62	.78
			028	20.45	- .81	131	20.77	.86	419	20.30	- .78	035	0.61	.47
						330	20.65	.85						
* 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: 101.30 PCT Acid Soluble Calcium <u>ICP</u>			Meth: 121.XX PCT Acid Soluble Magnesi <u>ICP</u>			Meth: 144.XX PCT Sulfur <u>ICP</u>			Meth: 151.XX PPM Arsenic <u>ICP</u>			Meth: 181.30 PPM Cadmium <u>ICP</u>		
Avg	0.59		102	0.47	-.44	362	7.13	1.47	040	6.33	1.58	419	2.00	-.30
131	0.59	-.22	131	0.46	-.50	009	7.02	.83	409	6.00	1.10	324	1.90	-.67
288	0.57	-.79	288	0.46	-.50	102	7.00	.71	419	6.00	1.10	288	1.88	-.77
102	0.57	-.87	232	0.45	-.51	288	6.97	.67	Avg	5.24		035	1.80	-1.05
247	0.56	-1.12	009	0.44	-.55	193	6.82	-.35	102	5.21	-.32	009	1.70	-1.40
			361	0.44	-.55	035	6.73	-.92	247	4.95	-.42			
			193	0.44	-.56	247	6.70	-1.06	136	4.75	-.71	Meth: 181.99 PPM Cadmium Other		
Meth: 121.00 PCT Acid Soluble Magnesi AA			Meth: 131.99 PCT Water Soluble Magnes Other			Meth: 151.00 PPM Arsenic Atomic Absorption			Meth: 165.99 PCT Acid Soluble Boron Other			362 5.89 S .00 409 2.00 .00 Avg 2.00		
193	0.44	.71	040	2.28	-.71	136	4.75	.78	009	0.044	1.21	362	5.89 s	16.60
Meth: 121.30 PCT Acid Soluble Magnesi ICP			Meth: 144.01 PCT Sulfur Gravimetric			Avg 4.72			Avg 0.026			Meth: 181.XX PPM Cadmium		
096	1.15 s	26.81	362	7.13	1.22	231	4.69	-.95	288	0.023	-.21	231	3.86 s	7.66
035	0.52	2.15	102	7.00	.16	Meth: 151.30 PPM Arsenic ICP			232 0.011 -1.00			247	2.55	2.11
247	0.48 R	.81	Avg	6.98		419	6.00	1.54	Meth: 181.00 PPM Cadmium Atomic Absorption			096	2.40 R	1.69
102	0.47	.45	288	6.97	-.58	102	5.21	.43	136 2.05 1.10			157	2.40	1.46
Avg	0.46		193	6.82	-1.29	Avg	5.08		363 2.00 .22			106	2.30	1.04
131	0.46	-.23	Meth: 144.02 PCT Sulfur Gravimetric			247 4.95 -.23			Avg 1.98			102	2.23	.74
288	0.46	-.33	361	6.66	.00	106 4.75 -.69			397 1.90 -1.11			232	2.08	.35
232	0.45	-.39	Meth: 144.99 PCT Sulfur Other			288 4.47 -1.19			Meth: 181.30 PPM Cadmium ICP			Avg	2.06	
009	0.44	-.80	009	7.02	1.27	Meth: 151.99 PPM Arsenic Other			136 2.05 1.10			136	2.05	-.21
361	0.44	-.85	Avg	6.82		040 6.33 .97			363 2.00 .22			409	2.00	-.24
Meth: 121.99 PCT Acid Soluble Magnesi Other			Avg 6.73			Avg 6.16			Avg 1.98			419	2.00	-.24
234	1.17 S	.00	035	6.73	-.60	409 6.00 -.75			397 1.90 -1.11			363	2.00	-.24
Meth: 121.XX PCT Acid Soluble Magnesi ICP			247	6.70	-.73	Meth: 151.30 PPM Arsenic ICP			Meth: 181.00 PPM Cadmium Atomic Absorption			324	1.90	-.66
096	1.15	1.91	232	6.11 S	-4.35	040 6.33 .97			136 2.05 1.10			397	1.90	-.66
Avg	0.54					Avg 6.16			363 2.00 .22			288	1.88	-.77
035	0.52	-.28				409 6.00 -.75			Avg 1.98			035	1.80	-1.11
247	0.48 R	-.41				Meth: 151.99 PPM Arsenic Other			397 1.90 -1.11			009	1.70	-1.51
* 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: 190.99 PCT			Meth: 191.XX PPM			Meth: 202.XX PPM			Meth: 221.99 PCT			Meth: 241.30 PCT		
Water Soluble Chlori			<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			Acid Soluble Copper			Acid Soluble Iron		
<u>Other</u>			393 36.85 -.40			102 2.44 -.36			<u>Other</u>			<u>ICP</u>		
009	15.65	-.71	231	36.74	-.44	232	2.01	-.97	409	0.0010	.71	009	0.44	-.21
			157	36.35	-.54	324	1.95	-1.04				247	0.42	-.99
Meth: 191.30 PPM			035 35.10 -.90			288 1.71 -1.38			Meth: 221.XX PCT			232 0.40 -1.78		
Chromium			324 34.00 -1.21						<u>Acid Soluble Copper</u>					
<u>ICP</u>						Meth: 221.00 PCT			354 0.0030 s 9.08			Meth: 241.99 PCT		
232	47.70	s 5.06	Meth: 202.30 PPM			Acid Soluble Copper			086 0.0023 s 5.87			Acid Soluble Iron		
009	49.65	s 3.65	Acid Soluble Cobalt			<u>Atomic Absorption</u>			106 0.0015 1.68			<u>Other</u>		
096	47.00	2.51	<u>ICP</u>			086 0.0023 S 8.02			029 0.0014 1.43			362 0.58 .00		
389	41.00	.84	231	4.10	1.94	029 0.0014 1.22			040 0.0013 1.19					
247	40.40	.62	009	3.79	1.50	Avg 0.0012			157 0.0013 .95			Meth: 241.XX PCT		
288	38.71	.15	419	3.00	.41	043 0.0012 -.24			102 0.0012 .67			<u>Acid Soluble Iron</u>		
Avg	38.24		040	2.90	.31	296 0.0011 -.98			043 0.0012 .47			096 1.42 s 18.71		
102	37.46	-.26	247	2.80	.14	028 0.0010 R -1.42			247 0.0012 .39			362 0.58 2.35		
419	37.00	-.35	Avg	2.70		Meth: 221.30 PCT			Avg 0.0011			035 0.48 .41		
393	36.85	-.40	393	2.53	-.24	Acid Soluble Copper			389 0.0011 -.01			361 0.47 .28		
231	36.74	-.44	389	2.50	-.28	<u>ICP</u>			296 0.0011 -.01			102 0.47 .15		
157	36.35	-.54	102	2.44	-.36	354 0.0030 s 7.07			028 0.0010 -.31			Avg 0.46		
035	35.10	-.90	232	2.01	-.97	106 0.0015 1.48			330 0.0011 -.48			288 0.45 -.27		
324	34.00	-1.21	324	1.95	-1.04	040 0.0013 1.09			232 0.0010 -.59			131 0.44 -.37		
			288	1.71	-1.38	157 0.0013 .93			009 0.0010 -.60			009 0.44 -.41		
Meth: 191.99 PPM			Meth: 202.99 PPM			102 0.0012 .68			324 0.0011 -.70			247 0.42 -.83		
Chromium			Acid Soluble Cobalt			324 0.0011 .51			409 0.0010 -.76			232 0.40 -1.27		
<u>Other</u>			<u>Other</u>			247 0.0012 .50			035 0.0010 -1.02			Meth: 251.00 PPM		
409	44.00	.71	409	3.50	.71	330 0.0011 .42			231 0.0009 -1.13			Lead		
Meth: 191.XX PPM			Meth: 202.XX PPM			389 0.0011 .21			288 0.0006 -2.25			<u>Atomic Absorption</u>		
Chromium			<u>Acid Soluble Cobalt</u>			Avg 0.0010			419 0.0005 A -3.20			397 8.10 1.28		
232	47.70	s 5.06	009 0.0010 -.26			Meth: 241.30 PCT						Avg 5.78		
009	49.65	s 3.65	232	4.10	1.94	Acid Soluble Iron			296 4.50 -.71			136 4.75 -.59		
096	47.00	2.51	009	3.79	1.50	<u>ICP</u>						296 4.50 -.71		
409	44.00	R 1.74	409	3.50	R 1.30	096 1.42 s 34.61						Meth: 251.30 PPM		
389	41.00	.84	419	3.00	.41	035 0.48 1.27						Lead		
247	40.40	.62	040	2.90	.31	035 0.48 1.27						<u>ICP</u>		
288	38.71	.15	247	2.80	.14	361 0.47 .97						419 9.00 2.36		
Avg	38.24		Avg	2.70		102 0.47 .75						231 6.48 1.00		
102	37.46	-.26	393	2.53	-.24	288 0.45 .40						035 6.66 .89		
419	37.00	-.35	389	2.50	-.28	Avg 0.44								

* 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: 251.30 PPM			Meth: 251.XX PPM			Meth: 289.99 PPM			Meth: 291.XX PPM			Meth: 311.30 PCT		
Lead			Lead			Molybdenum			Nickel			Sodium		
<u>ICP</u>			<u>ICP</u>			<u>Other</u>			<u>ICP</u>			<u>Flame Photometric</u>		
106	5.20	.48	288	3.23	-1.33	409	6.00	.50	102	7.76	1.64	247	0.44	.00
247	5.50	.21	Meth: 261.30 PCT			Avg 5.85			232	6.90	.72	Meth: 311.99 PCT		
Avg	5.16		Acid Soluble Manganese			040 5.70 -1.12			035	6.58	.39	Sodium		
389	5.00	-.09	<u>ICP</u>			Meth: 289.XX PPM			231	6.33	-.33	<u>Other</u>		
102	4.67	-.33	035	0.039	1.36	Molybdenum			324	6.05	-.83	102	0.49	1.01
096	4.55	-.36	247	0.040	.85	393 15.44 s 13.06			247	5.70	-1.16	009	0.47	.21
232	4.35	-.73	102	0.038	.32	419 9.50 s 6.27			Meth: 301.00 PPM			Avg 0.47		
157	3.90	-.75	Avg	0.037		409 6.00 1.85			Selenium					
324	3.35	-1.07	288	0.037	-.32	040 5.70 1.54			<u>Atomic Absorption</u>					
288	3.23	-1.17	009	0.034	-.83	009 5.40 R 1.48			231 0.08 -.71			Meth: 311.XX PCT		
Meth: 251.99 PPM			131	0.034	-.91	296 5.00 .66			Meth: 301.30 PPM			<u>Sodium</u>		
Lead			232	0.037	-1.49	106 4.50 .36			Selenium			102 0.49 1.34		
<u>Other</u>			Meth: 281.00 PPM			102 4.71 .36			ICP			009 0.47 .74		
409	7.00	1.03	Mercury			247 4.60 .22			419 7.00 .00			Avg 0.45		
Avg	6.18		<u>Atomic Absorption</u>			Avg 4.44			Meth: 301.99 PPM			035 0.44 -.31		
040	5.35	-.66	231	0.03	-.71	232 4.23 -.25			Selenium			247 0.44 -.38		
Meth: 251.XX PPM			Meth: 289.30 PPM			096 4.30 -.39			Other			193 0.41 -1.39		
Lead			Molybdenum			324 3.80 -.80			296 0.25 .85			Meth: 321.00 PCT		
<u>ICP</u>			<u>ICP</u>			157 3.62 -.98			Avg 0.18			Acid Soluble Zinc		
419	9.00	2.26	393	15.44 s	19.28	231 3.43 -1.23			040 0.12 -.88			<u>Atomic Absorption</u>		
397	8.10	1.63	419	9.50 s	9.49	288 3.42 -1.28			Meth: 301.XX PPM			086 0.035 1.46		
409	7.00	1.14	009	5.40 R	2.52	Meth: 291.30 PPM			Selenium			095 0.034 1.16		
231	6.48	.91	296	5.00	1.43	Nickel			Avg 1.86			029 0.034 .22		
035	6.66	.76	102	4.71	.97	<u>ICP</u>			419 7.00 1.62			Avg 0.033		
247	5.50	.09	106	4.50	.78	102 7.76 1.51			Avg 1.86			028 0.033 -.41		
Avg	5.39		247	4.60	.77	232 6.90 .66			296 0.25 -.51			043 0.033 -.86		
040	5.35	-.04	096	4.30	.57	Avg 6.55			040 0.12 -.55			296 0.033 -1.03		
389	5.00	-.23	232	4.23	.16	231 6.33 -.30			231 0.08 -.56			Meth: 321.30 PCT		
136	4.75	-.41	Avg	4.16		324 6.05 -.76			Meth: 311.00 PCT			Acid Soluble Zinc		
102	4.67	-.46	324	3.80	-.70	247 5.70 -1.06			Sodium			<u>ICP</u>		
106	5.20	-.50	157	3.62	-.92	Meth: 291.99 PPM			Atomic Absorption			419 0.045 s 3.51		
096	4.55	-.51	231	3.43	-1.30	Nickel			193 0.41 .71			106 0.044 S 3.24		
296	4.50	-.54	288	3.42	-1.38	<u>Other</u>			Meth: 311.00 PCT			040 0.039 1.33		
232	4.35	-.84				035 6.58 .71			Sodium			330 0.038 1.31		
157	3.90	-.90							Atomic Absorption					
324	3.35	-1.23												

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

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>
Meth: 321.30 PCT			Meth: 321.XX PCT								
<u>Acid Soluble Zinc</u>			<u>Acid Soluble Zinc</u>								
<u>ICP</u>			296	0.033	-.48						
247	0.038	1.21	096	0.032	-.57						
102	0.037	.97	035	0.032	-.64						
354	0.035	.33	409	0.031	-.85						
288	0.035	.27	009	0.031	-.93						
393	0.034	.03	232	0.032 R	-1.06						
Avg	0.034		389	0.029	-1.48						
157	0.033	-.36	324	0.028	-2.03						
096	0.032	-.54									
035	0.032	-.60									
009	0.031	-.86									
232	0.032 R	-.94									
389	0.029	-1.32									
324	0.028	-1.78									

Meth: 321.99 PCT

Acid Soluble Zinc

Other

409	0.031	.00
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Meth: 321.XX PCT

Acid Soluble Zinc

419	0.045 s	4.24
106	0.044 s	3.92
040	0.039	1.67
330	0.038	1.64
247	0.038	1.52
102	0.037	1.24
086	0.035	.61
095	0.034	.49
354	0.035	.47
288	0.035	.39
393	0.034	.10
029	0.034	.07
Avg	0.034	
028	0.033	-.22
157	0.033	-.34
043	0.033	-.41

* 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	6	0.00	1.01	0.25	060.00	7	0.00	0.96	0.38
001.99	6	0.00	0.97	0.37	060.XX	7	0.00	0.96	0.38
001.XX	12	0.00	0.98	0.27	101.30	7	0.00	1.04	0.08
009.10	6	0.00	1.02	0.21	101.XX	7	0.00	1.04	0.08
009.XX	6	0.00	1.02	0.21	121.30	9	3.06	8.96	0.16
010.10	2	0.00	1.17	0.25	121.XX	11	- 0.04	0.98	0.02
010.11	8	0.00	0.93	0.43	144.01	4	0.00	1.02	0.31
010.12	8	1.73	4.95	1.10	144.99	4	- 1.09	2.35	0.15
010.60	48	0.16	1.26	0.37	144.XX	9	- 0.50	1.77	0.17
010.99	3	3.73	6.50	0.65	151.00	2	0.00	0.60	0.76
010.XX	67	0.27	1.54	0.40	151.30	5	0.00	0.97	0.38
020.10	9	0.00	0.99	0.29	151.99	2	0.00	1.06	0.44
020.20	24	0.12	1.13	0.22	151.XX	9	0.00	0.99	0.26
020.40	7	- 2.37	6.32	0.73	165.99	3	0.000	1.115	0.066
020.50	5	1.35	2.03	1.21	165.XX	3	0.000	1.115	0.066
020.XX	44	0.11	1.85	0.71	181.00	3	0.00	1.01	0.39
030.10	2	0.00	1.22	0.00	181.30	12	0.64	2.09	0.29
030.40	4	0.00	1.06	0.16	181.99	2	0.00	0.00	0.00
030.XX	6	- 0.04	0.95	0.13	181.XX	17	1.49	4.33	0.89
040.10	2	0.00	1.15	0.29	191.30	13	0.46	1.45	1.28
040.40	3	0.00	0.51	0.81	191.XX	14	0.54	1.43	1.24
040.XX	7	0.00	0.86	0.55	202.30	11	0.00	1.02	0.08
041.10	20	0.70	2.02	0.36	202.XX	12	0.09	1.02	0.21
041.20	3	0.00	1.00	0.41	221.00	5	1.3165	3.8664	0.2636
041.40	4	0.00	1.07	0.11	221.30	15	0.4715	2.0486	0.3087
041.50	8	0.02	0.96	0.13	221.XX	21	0.5626	2.5997	0.3593
041.60	12	- 0.16	1.92	0.48	241.30	9	3.84	11.57	0.38
041.XX	40	- 0.11	1.19	0.40	241.XX	10	1.87	5.99	0.20
048.20	2	0.00	1.19	0.19	251.00	3	0.00	1.11	0.09
048.99	2	0.00	0.35	0.83	251.30	12	0.00	0.96	0.34
048.XX	4	0.00	1.04	0.26	251.99	2	0.00	0.93	0.56
050.00	21	- 0.25	1.40	0.43	251.XX	17	0.00	0.96	0.32
050.30	13	0.00	0.99	0.25	261.30	7	0.000	0.677	0.732
050.50	4	- 1.89	3.85	1.23	261.XX	7	0.000	0.677	0.732
050.51	7	0.00	1.02	0.21	289.30	13	2.35	5.75	0.86
050.60	5	0.00	1.02	0.27	289.99	2	0.00	0.71	0.71
050.61	6	0.00	0.94	0.42	289.XX	15	1.35	3.70	0.56
050.99	13	- 0.38	1.61	0.47	291.30	5	0.00	1.00	0.31
050.XX	69	- 0.27	1.53	0.45	291.XX	6	0.00	0.98	0.34

Method Evaluation - Z Values Based on 1 Reports

<u>Method Code</u>	<u>Number Of Labs</u>	<u>Avg Bias of Labs</u>	<u>Std Dev of Biases</u>	<u>Std Dev Within Labs</u>	<u>Method Code</u>	<u>Number Of Labs</u>	<u>Avg Bias of Labs</u>	<u>Std Dev of Biases</u>	<u>Std Dev Within Labs</u>
301.99	2	0.00	1.21	0.14					
301.XX	4	0.00	1.08	0.00					
311.99	3	0.00	1.11	0.09					
311.XX	5	0.00	1.06	0.06					
321.00	6	0.000	0.792	0.628					
321.30	16	0.336	1.388	0.586					
321.XX	22	0.125	1.201	0.492					