

MAGRUDER - Fertilizer Check Sample No. - 200212 Grade 20-4-10

- Pass 1 Results for 77 Labs - - Pass 2 Results for 76 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	8	11.553	.2788	.0550	8	11.553	.2788	.0550
Ammoniacal Nitrogen, Other .....		001.99	7	11.872	.3520	.0957	6	11.968	.2640	.0450
Method Group 001.XX PCT			15	11.702	.3494	.0740	14	11.730	.3396	.0507
Water Insoluble Nitrogen, Meth I .....	945.01	003.10	4	3.9238	.0924	.0425	4	3.9238	.0924	.0425
Nitrogen From Urea, Urease (as N) .....	959.03	005.00	3	4.6633	4.2931	.0800	3	4.6633	4.2931	.0800
Ammon & Nitrate N, Devarda .....	892.01	009.10	4	11.982	.0955	.1007	4	11.982	.0955	.1007
Total Nitrogen, Modified Comprehensive	978.02	010.11	12	19.669	.2490	.0678	12	19.669	.2490	.0678
Total Nitrogen, Salicylic .....	955.04D	010.12	6	19.599	.2292	.0829	6	19.599	.2292	.0829
Total Nitrogen, Comprehensive .....	970.02	010.17	2	19.805	.2333	.1600	2	19.805	.2333	.1600
Total Nitrogen, Combustion .....		010.60	40	19.807	.1611	.0696	39	19.803	.1595	.0655
Total Nitrogen, Other .....		010.99	3	19.862	.2472	.0343	3	19.862	.2472	.0343
Method Group 010.XX PCT			64	19.773	.2160	.0728	63	19.769	.2154	.0700
Total Phosphate, Grav Quimociac .....	962.02	020.10	5	5.0480	.1107	.0280	5	5.0480	.1107	.0280
Total Phosphate, Spectrometric .....	958.01	020.20	18	5.0449	.1234	.0850	17	5.0446	.1216	.0724
Total Phosphate, Alka Quimociac .....	969.02	020.30	1	5.0265	.0322	.0456	1	5.0265	.0322	.0456
Total Phosphate, Automated .....	978.01	020.40	6	4.9392	.1839	.0750	6	4.9392	.1839	.0750
Total Phosphate, ICP .....		020.50	1	5.3400	.0000	.0000	1	5.3400	.0000	.0000
Total Phosphate, Other .....		020.99	1	5.0150	.0071	.0100	1	5.0150	.0071	.0100
Method Group 020.XX PCT			32	5.0333	.1447	.0680	29	5.0516	.1196	.0537
Insoluble Phosphate, Grav Quimociac ...	963.03C	030.10	2	.0075	.0096	.0050	2	.0075	.0096	.0050
Insoluble Phosphate, Spectrometric ....	963.03C	030.20	1	.0450	.0071	.0100	1	.0450	.0071	.0100
Insoluble Phosphate, Automated .....	978.01	030.40	3	.0550	.0367	.0167	3	.0550	.0367	.0167
Insoluble Phosphate, Other .....		030.99	1	.0015	.0007	.0010	1	.0015	.0007	.0010
Method Group 030.XX PCT			7	.0324	.0338	.0101	7	.0324	.0338	.0101
InDir Available Phosphate, Grav Quim ..	960.02	040.10	2	4.9850	.1245	.0800	2	4.9850	.1245	.0800
InDir Available Phosphate, Spectrometri	960.02	040.20	3	4.8367	.0561	.0733	3	4.8367	.0561	.0733
InDir Available Phosphate, Automated ..	960.02	040.40	3	4.8700	.2542	.0733	3	4.8700	.2542	.0733
InDir Available Phosphate, Other .....		040.99	2	4.9850	.0451	.0400	2	4.9850	.0451	.0400
Method Group 040.XX PCT			10	4.9060	.1586	.0680	10	4.9060	.1586	.0680
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	15	5.0050	.0708	.0593	15	5.0050	.0708	.0593
Dir Available Phosphate, Spectrometric	960.03D	041.20	4	4.9389	.1249	.0737	4	4.9389	.1249	.0737
Dir Available Phosphate, Alka Quim ....	960.03C	041.30	1	4.9250	.0636	.0900	1	4.9250	.0636	.0900
Dir Available Phosphate, Automated ....	978.01	041.40	4	4.9619	.0893	.0862	4	4.9619	.0893	.0862
Dir Available Phosphate, ICP .....		041.50	5	4.8528	.1637	.1008	5	4.8528	.1637	.1008
Dir Available Phosphate, EDTA Extract .	993.01	041.60	12	4.9774	.1073	.0429	12	4.9774	.1073	.0429
Dir Available Phosphate, Other .....		041.99	2	5.0025	.0222	.0150	2	5.0025	.0222	.0150
Method Group 041.XX PCT			45	4.9558	.1203	.0612	43	4.9575	.1190	.0535
Water Soluble Phosphate, Spectrometric	970.01	048.20	4	4.5575	.0855	.0950	4	4.5575	.0855	.0950
Water Soluble Phosphate, Other .....		048.99	1	5.2350	.0495	.0700	1	5.2350	.0495	.0700

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Method	AOAC Ref.	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Method Group 048.XX PCT			5	4.6930	.2959	.0900	5	4.6930	.2959	.0900
Soluble Potash, STPB Oxalate .....	958.02	050.00	21	10.291	.1501	.0883	20	10.278	.1387	.0772
Soluble Potash, STPB Citrate .....	969.04	050.10	1	10.470	.0332	.0470	1	10.470	.0332	.0470
Soluble Potash, AA (Oxalate) .....		050.30	10	10.089	.2319	.1410	10	10.089	.2319	.1410
Soluble Potash, ICP (Oxalate) .....		050.50	2	10.165	.2750	.1200	2	10.165	.2750	.1200
Soluble Potash, ICP (Citrate) .....		050.51	6	10.322	.2196	.0673	6	10.322	.2196	.0673
Soluble Potash, Flame (Oxalate) .....	983.02(a)	050.60	7	10.274	.3865	.0736	7	10.274	.3865	.0736
Soluble Potash, Flame (Citrate) .....	983.02(b)	050.61	8	10.268	.2646	.0463	8	10.268	.2646	.0463
Soluble Potash, Other .....		050.99	10	10.223	.2668	.1572	10	10.223	.2668	.1572
Method Group 050.XX PCT			65	10.246	.2466	.0987	62	10.239	.2414	.0847
Free Water, Vacuum Oven .....	965.08B	060.00	6	.8667	.0584	.0500	6	.8667	.0584	.0500
Free Water, Other .....		060.99	1	.9150	.0071	.0100	1	.9150	.0071	.0100
Method Group 060.XX PCT			7	.8736	.0565	.0443	7	.8736	.0565	.0443
Acid Soluble Calcium, AA .....	945.04	101.00	1	.1340	.0071	.0100	1	.1340	.0071	.0100
Acid Soluble Calcium, ICP .....		101.30	4	.1373	.0087	.0037	4	.1373	.0087	.0037
Acid Soluble Calcium, Other .....		101.99	1	.1351	.0021	.0029	1	.1351	.0021	.0029
Method Group 101.XX PCT			6	.1364	.0075	.0046	6	.1364	.0075	.0046
Acid Soluble Magnesium, AA .....	984.01	121.00	2	.1273	.0084	.0015	2	.1273	.0084	.0015
Acid Soluble Magnesium, ICP .....		121.30	4	.1287	.0044	.0023	4	.1287	.0044	.0023
Acid Soluble Magnesium, Other .....		121.99	1	.1158	.0048	.0068	1	.1158	.0048	.0068
Method Group 121.XX PCT			7	.1265	.0070	.0027	7	.1265	.0070	.0027
Water Soluble Magnesium, AA .....		131.00	1	.0640	.0028	.0040	1	.0640	.0028	.0040
Water Soluble Magnesium, Other .....		131.99	1	1.1700	.6223	.8800	1	1.1700	.6223	.8800
Method Group 131.XX PCT			2	.6170	.7327	.4420	2	.6170	.7327	.4420
Sulfur, Gravimetric .....	980.02a	144.01	2	12.620	.1431	.1800	2	12.620	.1431	.1800
Sulfur, Other .....		144.99	2	12.209	.2038	.1727	2	12.209	.2038	.1727
Method Group 144.XX PCT			4	12.414	.2736	.1763	4	12.414	.2736	.1763
Arsenic, Atomic Absorption .....		151.00	2	1.4075	.1253	.0250	2	1.4075	.1253	.0250
Arsenic, ICP .....		151.30	1	1.2500	.0707	.1000	1	1.2500	.0707	.1000
Arsenic, Other .....		151.99	2	1.1450	.1940	.1200	2	1.1450	.1940	.1200
Method Group 151.XX PPM			5	1.2710	.1838	.0780	5	1.2710	.1838	.0780
Acid Soluble Boron, Other .....		165.99	1	120.57	1.0253	1.4500	1	120.57	1.0253	1.4500
Cadmium, Atomic Absorption .....		181.00	6	1.7139	.2856	.0630	5	1.7190	.3070	.0140
Cadmium, ICP .....		181.30	6	2.1275	.5482	.0783	6	2.1275	.5482	.0783
Cadmium, Other .....		181.99	1	2.0000	.0000	.0000	1	2.0000	.0000	.0000
Method Group 181.XX PPM			13	1.9268	.4579	.0652	12	1.9467	.4695	.0450
Water Soluble Chlorine, Titrimetric ...	928.02	190.00	1	7.9000	.0000	.0000	1	7.9000	.0000	.0000
Water Soluble Chlorine, Other .....		190.99	1	7.7822	.0101	.0143	1	7.7822	.0101	.0143
Method Group 190.XX PCT			2	7.8411	.0683	.0071	2	7.8411	.0683	.0071

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Chromium, Atomic Absorption		191.00	1	32.000	1.4142	2.0000	1	32.000	1.4142	2.0000
Chromium, ICP		191.30	5	36.046	6.8553	2.7160	5	36.046	6.8553	2.7160
Chromium, Other		191.99	1	35.000	4.2426	6.0000	1	35.000	4.2426	6.0000
Method Group 191.XX PPM			7	35.319	6.0158	3.0829	7	35.319	6.0158	3.0829
Acid Soluble Cobalt, AA		202.00	1	8.9500	.3536	.5000	1	8.9500	.3536	.5000
Acid Soluble Cobalt, ICP	965.11	202.30	8	4.3906	1.4446	.4187	8	4.3906	1.4446	.4187
Acid Soluble Cobalt, Other		202.99	2	3.7500	1.5000	.5000	2	3.7500	1.5000	.5000
Method Group 202.XX PPM			11	4.6886	1.9450	.4409	11	4.6886	1.9450	.4409
Acid Soluble Copper, Atomic Absorption	975.01	221.00	5	.0136	.0007	.0004	5	.0136	.0007	.0004
Acid Soluble Copper, ICP		221.30	15	.0137	.0011	.0003	14	.0137	.0011	.0003
Acid Soluble Copper, Other		221.99	1	.0135	.0005	.0007	1	.0135	.0005	.0007
Method Group 221.XX PCT			21	.0137	.0010	.0004	20	.0137	.0010	.0003
Acid Soluble Iron, Atomic Absorption	980.01	241.00	15	1.1116	.1310	.0550	14	1.0929	.1094	.0422
Acid Soluble Iron, ICP		241.30	17	.9134	.2839	.0354	16	.8974	.2847	.0301
Acid Soluble Iron, Other		241.99	4	1.1340	.1715	.1164	4	1.1340	.1715	.1164
Method Group 241.XX PCT			37	1.0021	.2618	.0511	34	.9812	.2561	.0378
Lead, Atomic Absorption		251.00	3	7.3606	1.1214	.6004	3	7.3606	1.1214	.6004
Lead, ICP		251.30	6	8.3786	2.1330	.9638	6	8.3786	2.1330	.9638
Lead, Other		251.99	2	7.4125	2.0069	1.0350	2	7.4125	2.0069	1.0350
Method Group 251.XX PPM			11	7.9253	1.8752	.8776	11	7.9253	1.8752	.8776
Acid Soluble Manganese, AA	972.02a	261.00	2	.0193	.0010	.0015	2	.0193	.0010	.0015
Acid Soluble Manganese, ICP	972.02a	261.30	3	.0187	.0016	.0003	3	.0187	.0016	.0003
Acid Soluble Manganese, Other		261.99	1	.0177	.0016	.0023	1	.0177	.0016	.0023
Method Group 261.XX PCT			6	.0187	.0014	.0011	6	.0187	.0014	.0011
Mercury, Atomic Absorption		281.00	1	.0400	.0141	.0200	1	.0400	.0141	.0200
Mercury, ICP		281.30	1	17.600	1.6971	2.4000	1	17.600	1.6971	2.4000
Mercury, Other		281.99	1	.0040	.0000	.0000	1	.0040	.0000	.0000
Method Group 281.XX PPM			3	5.8813	9.1089	.8067	3	5.8813	9.1089	.8067
Molybdenum, ICP		289.30	7	4.2600	1.3650	.2171	7	4.2600	1.3650	.2171
Molybdenum, Other		289.99	2	5.7500	1.6763	1.3000	2	5.7500	1.6763	1.3000
Method Group 289.XX PPM			9	4.5911	1.5254	.4578	8	4.2900	1.2781	.2650
Nickel, Atomic Absorption		291.00	1	17.000	.0000	.0000	1	17.000	.0000	.0000
Nickel, ICP		291.30	7	16.602	2.5836	1.6614	7	16.602	2.5836	1.6614
Nickel, Other		291.99	2	15.750	4.5185	2.0000	2	15.750	4.5185	2.0000
Method Group 291.XX PPM			10	16.472	2.8182	1.5630	10	16.472	2.8182	1.5630
Selenium, Atomic Absorption		301.00	1	.0850	.0071	.0100	1	.0850	.0071	.0100
Selenium, Other		301.99	2	2.2700	2.6072	.5100	2	2.2700	2.6072	.5100
Method Group 301.XX PPM			3	1.5417	2.3133	.3433	3	1.5417	2.3133	.3433
Sodium, Atomic Absorption	983.04	311.00	1	.2855	.0078	.0110	1	.2855	.0078	.0110

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Sodium, Other .....		311.99	3	.2570	.0051	.0049	3	.2570	.0051	.0049
Method Group 311.XX PCT			4	.2642	.0142	.0064	4	.2642	.0142	.0064
Acid Soluble Zinc, Atomic Absorption ..	975.02	321.00	5	.0172	.0011	.0011	5	.0172	.0011	.0011
Acid Soluble Zin, ICP .....		321.30	13	.0173	.0015	.0004	13	.0173	.0015	.0004
Acid Soluble Zinc, Other .....		321.99	2	.0167	.0009	.0011	2	.0167	.0009	.0011
Method Group 321.XX PCT			20	.0172	.0014	.0007	20	.0172	.0014	.0007
Water Soluble Zinc, Atomic Absorption .		325.00	1	.0029	.0001	.0001	1	.0029	.0001	.0001

## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 001.10	--	--	Method 003.10	--	--	Method 010.12	--	--	Method 010.60	--	--	Method 010.XX	--
288	11.910	1.28	090	4.0150	1.00	185	19.510	-.41	049	19.750	-.38	247	19.895	.64
090	11.785	.87	029	3.9650	.45	397	19.450	-.69	096	19.740	-.40	177	19.905	.63
220	11.785	.85	Avg	3.9238		351	19.428	-.75	231	19.725	-.50	137	19.900	.61
324	11.635	.30	023	3.9150	-.71	398	19.415	-.84	034	19.735	-.51	389	19.880	.52
Avg	11.553		028	3.8000	-1.34				390	19.720	-.58	322	19.878	.51
028	11.505	-.17				--	Method 010.17	--	136	19.705	-.61	372	19.860	.46
330	11.450	-.41	--	Method 005.00	--	220	19.985	.94	055	19.720	-.68	028	19.860	.46
262	11.300	-.91	220	10.200	1.29	Avg	19.805		043	19.670	-.84	023	19.825	.40
309	11.050	-1.81	Avg	4.6633		405	19.625	-.79	377	19.690	-.87	024	19.840	.33
			330	2.1000	-.60				040	19.640	-1.03	251	19.795	.24
--	Method 001.99	--	288	1.6900	-.69	--	Method 010.60	--	009	19.620	-1.15	131	19.805	.18
363	12.225	.98				360	20.330 s	3.33	383	19.530	-1.71	025	19.800	.17
289	12.180	.81	--	Method 009.10	--	324	20.085	1.85	042	19.465	-2.20	233	19.800	.15
418	12.145	.69	030	13.495 s	15.84	095	20.095	1.83	027	19.428	-2.35	037	19.795	.12
Avg	11.968		129	12.050	.88	022	20.060	1.62				296	19.790	.10
320	11.955	-.07	392	11.985	.26	262	20.050	1.58	--	Method 010.99	--	035	19.770	.05
096	11.780	-.71	391	12.000	.19	041	19.985 R	1.35	200	20.175 X	1.27	Avg	19.769	
409	11.520	-1.71	Avg	11.982		007	19.995	1.27	Avg	19.862		106	19.765	-.03
193	11.300 R	-2.64	257	11.894	-1.62	234	19.970	1.16	024	19.755	-.43	024	19.755	-.07
						232	19.980	1.11	177	19.657	-.84	029	19.750	-.13
--	Method 001.XX	--	--	Method 010.11	--	330	19.900	.87				096	19.740	-.14
363	12.225	1.46	415	20.057	1.56	247	19.895	.67	--	Method 010.XX	--	049	19.750	-.17
289	12.180	1.33	029	19.950	1.13	275	19.905	.66	360	20.330	2.62	231	19.725	-.22
418	12.145	1.23	220	19.935	1.09	177	19.905	.64	200	20.175 X	1.89	034	19.735	-.26
320	11.955	.66	322	19.878	.84	389	19.880	.50	324	20.085	1.52	390	19.720	-.29
288	11.910	.53	114	19.700	.15	372	19.860	.44	095	20.095	1.51	136	19.705	-.30
090	11.785	.25	288	19.695	.12	028	19.860	.44	022	20.060	1.35	114	19.700	-.33
220	11.785	.21	Avg	19.669		023	19.825	.43	415	20.057	1.34	288	19.695	-.35
096	11.780	.15	090	19.615	-.28	024	19.840	.24	262	20.050	1.32	055	19.720	-.40
Avg	11.730		105	19.600	-.30	131	19.805	.09	220	19.985 R	1.16	043	19.670	-.47
324	11.635	-.28	363	19.525	-.65	Avg	19.803		041	19.985	1.14	377	19.690	-.52
409	11.520	-.64	414	19.435 X	-.94	037	19.795	-.06	007	19.995	1.09	177	19.657	-.53
028	11.505	-.66	309	19.400	-1.15	233	19.800	-.07	234	19.970	1.00	040	19.640	-.61
330	11.450	-.84	211	19.235	-1.75	296	19.790	-.08	232	19.980	.98	405	19.625	-.69
262	11.300	-1.27				025	19.800	-.13	029	19.950	.84	009	19.620	-.69
193	11.300 R	-1.40	--	Method 010.12	--	035	19.770	-.22	220	19.935	.81	090	19.615	-.75
309	11.050	-2.01	416	19.893	1.37	106	19.765	-.24	416	19.893	.77	105	19.600	-.80
			137	19.900	1.31	251	19.795	-.29	330	19.900	.76	383	19.530	-1.11
			Avg	19.599		029	19.750	-.35	275	19.905	.64	363	19.525	-1.19

\* 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
--	Method 010.XX	--	--	Method 020.20	--	--	Method 020.XX	--	--	Method 030.99	--	--	Method 040.XX	--
185	19.510	-1.21	397	4.8875	-1.56	090	5.0350	-.14	320	.0015	.71	096	4.9500	.28
042	19.465	-1.48	030	4.2500 s	-6.55	392	5.0300	-.20				Avg	4.9060	
397	19.450	-1.50				035	5.0350	-.25	--	Method 030.XX	--	405	4.8850	-.26
414	19.435 X	-1.55	--	Method 020.30	--	105	5.0350	-.25	096	.1000	2.00	220	4.8700	-.50
351	19.428	-1.58	416	5.0265	-.71	416	5.0265	-.28	409	.0350	.45	363	4.8250	-.56
027	19.428	-1.59				320	5.0150	-.31	220	.0450	.40	289	4.8150	-.57
398	19.415	-1.66	--	Method 020.40	--	258	5.0500	-.42	Avg	.0324		409	4.5600	-2.21
309	19.400	-1.78	193	5.1000	.92	232	5.0000	-.44	247	.0300	-.30			
211	19.235	-2.49	096	5.0550	.63	257	4.9850	-.57	405	.0150	-.53	--	Method 041.10	--
			035	5.0350	.54	247	4.9850	-.59	320	.0015	-.91	185	5.0900	1.75
			247	4.9850	.28	363	4.9850	-.63	090	.0000	-.96	296	5.1250	1.71
114	5.2250	1.60	Avg	4.9392		288	4.9750	-.70				414	5.0650 X	1.06
Avg	5.0480		105	4.8650	-.57	177	4.9715	-.88	--	Method 040.10	--	029	5.0550	.71
095	5.0450	-.05	409	4.5950	-1.89	309	5.0500 R	-1.25	090	5.0850	.88	040	5.0400	.65
090	5.0350	-.13				405	4.9000	-1.29	Avg	4.9850		105	5.0350	.43
105	5.0350	-.25	--	Method 020.50	--	220	4.9150	-1.30	405	4.8850	-.85	Avg	5.0050	
405	4.9000	-1.36	330	5.3400	.00	362	4.9250 R	-1.43				009	4.9900	-.25
			389	4.3600 S	.00	397	4.8875	-1.64	--	Method 040.20	--	041	4.9900	-.35
			Avg	5.3400		105	4.8650	-1.68	220	4.8700	1.38	028	4.9700	-.51
--	Method 020.20	--				409	4.5950 A	-3.84	Avg	4.8367		131	4.9650	-.60
234	12.005 s	57.24	--	Method 020.99	--	389	4.3600 s	-5.80	289	4.8150	-.40	055	4.9750	-.65
391	9.5050 s	36.68	320	5.0150	.71	030	4.2500 s	-6.71	363	4.8250	-.66	211	4.9650	-.67
418	5.3150	2.23										022	4.9650	-.75
324	5.2350	1.59	--	Method 020.XX	--	--	Method 030.10	--	--	Method 040.40	--	137	4.9450	-1.06
309	5.0500 R	1.23	234	12.005 s	58.13	405	.0150	.94	193	5.1000	.93	049	4.9000	-1.71
383	5.1350	.74	391	9.5050 s	37.23	Avg	.0075		096	4.9500	.31	136	4.7450 s	-3.69
231	5.1100	.54	330	5.3400	2.41	090	.0000	-.78	Avg	4.8700		322	4.6630 s	-4.84
258	5.0500	.41	418	5.3150	2.21				409	4.5600	-1.24			
372	5.0900	.38	324	5.2350	1.56	--	Method 030.20	--				--	Method 041.20	--
129	5.0900	.38	114	5.2250	1.45	220	.0450	.71	--	Method 040.99	--	362	5.0850	1.40
390	5.0600	.13	383	5.1350	.70				320	5.0150	.67	055	4.9650	.24
Avg	5.0446		193	5.1000	.58	--	Method 030.40	--	Avg	4.9850		Avg	4.9389	
392	5.0300	-.15	231	5.1100	.50	096	.1000	1.22	247	4.9550	-1.02	262	4.9150	-.28
232	5.0000	-.38	372	5.0900	.33	Avg	.0550					415	4.7908	-1.19
257	4.9850	-.51	129	5.0900	.33	409	.0350	-.68	--	Method 040.XX	--			
363	4.9850	-.57	390	5.0600	.07	247	.0300	-.73	193	5.1000	1.26	--	Method 041.30	--
288	4.9750	-.64	096	5.0550	.05				090	5.0850	1.16	260	4.9250	.71
177	4.9715	-.82	Avg	5.0516					320	5.0150	.69			
220	4.9150	-1.23	095	5.0450	-.07				247	4.9550	.38			
362	4.9250	-1.36												

\* 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
--	Method 041.40	--	--	Method 041.XX	--	--	Method 041.XX	--	--	Method 050.00	--	--	Method 050.51	--
025	5.0000	1.20	185	5.0900	1.35	360	4.7800	-1.49	258	10.265	-.48	007	9.9900	-1.52
131	5.0100	.78	362	5.0850	1.34	136	4.7450	-1.80	211	10.170	-.79			
029	4.9800	.30	023	5.0700	1.16	322	4.6630	-2.48	296	10.260	-.80	--	Method 050.60	--
Avg	4.9619		414	5.0650 X	.98	393	4.6540	-2.56	009	10.145	-.97	415	10.933	1.71
027	4.8575	-1.17	025	5.0000 R	.91	105	4.6900 s	-3.84	049	10.140	-1.06	390	10.660	1.01
105	4.6900 s	-5.14	043	5.0450	.83				391	10.130	-1.09	105	10.295	.08
			029	5.0550	.82	--	Method 048.20	--	090	10.125	-1.17	Avg	10.274	
--	Method 041.50	--	095	5.0500	.82	193	4.6500	1.23	231	10.060	-1.83	288	10.180	-.24
023	5.0700	1.41	040	5.0400	.74	362	4.5700	.95				055	10.100	-.52
251	4.9250	.47	105	5.0350	.65	Avg	4.5575		--	Method 050.10	--	309	9.9500	-.85
Avg	4.8528		131	5.0100	.61	247	4.5200	-.64	030	14.850 S	131.82	200	9.8000	-1.23
360	4.7800	-.44	034	5.0200	.53	363	4.4900	-.82	322	10.470	.71			
007	4.8350	-.77	351	5.0060	.44				Avg	10.470		--	Method 050.61	--
393	4.6540	-1.22	055	4.9750	.33	--	Method 048.99	--				025	10.735	1.78
			041	4.9900	.32	275	5.2350 X	.71	--	Method 050.30	--	024	10.400	.50
--	Method 041.60	--	022	4.9650	.30				262	10.300	1.25	028	10.370	.39
028	5.1700	1.79	009	4.9900	.29	--	Method 048.XX	--	040	10.355	1.18	041	10.370	.39
296	5.1200	1.33	029	4.9800	.25	275	5.2350 X	1.84	363	10.285	1.08	Avg	10.268	
043	5.0450	.76	086	4.9850	.23	Avg	4.6930		383	10.185	.43	105	10.250	-.20
095	5.0500	.73	211	4.9650	.22	193	4.6500	-.22	185	10.150	.34	037	10.195	-.29
351	5.0060	.33	055	4.9650	.14	362	4.5700	-.50	137	10.090	.00	029	9.9450	-1.22
Avg	4.9774		131	4.9650	.14	247	4.5200	-.60	Avg	10.089		035	9.8800	-1.47
037	4.9700	-.12	037	4.9700	.13	363	4.4900	-.69	351	10.009	-.39			
024	4.9350	-.40	028	4.9700	.13				193	9.9500	-.64	--	Method 050.99	--
288	4.9250	-.49	Avg	4.9575		--	Method 050.00	--	234	9.9400	-.65	275	10.910 S	2.64
200	4.9150	-.67	024	4.9350	-.19	095	10.535 R	2.16	397	9.6304 X	-2.03	330	10.715	2.00
106	4.9100	-.78	288	4.9250	-.28	043	10.535	1.91				027	10.469	.92
397	4.8927	-.80	251	4.9250	-.34	418	10.475	1.45	--	Method 050.50	--	177	10.379	.61
377	4.7900	-1.79	137	4.9450	-.39	022	10.440	1.17	106	10.395	.85	Avg	10.223	
			262	4.9150	-.41	416	10.405	.91	Avg	10.165		034	10.180	-.16
--	Method 041.99	--	200	4.9150	-.46	055	10.385	.79	324	9.9350	-.88	247	10.180	-.25
034	5.0200	.91	260	4.9250	-.47	028	10.380	.74				360	10.200	-.28
Avg	5.0025		397	4.8927	-.56	129	10.350	.63	--	Method 050.51	--	289	10.070	-.62
086	4.9850	-.82	106	4.9100	-.58	257	10.302	.35	393	10.638	1.44	086	10.205	-.66
			049	4.9000	-.70	372	10.290	.17	377	10.450	.58	232	10.025	-.75
--	Method 041.XX	--	027	4.8575	-.84	Avg	10.278		389	10.390	.31	260	9.8050	-1.66
028	5.1700	1.79	415	4.7908	-1.41	029	10.245	-.24	Avg	10.322				
296	5.1250	1.41	377	4.7900	-1.45	392	10.245	-.30	023	10.290	-.27			
296	5.1200	1.37	007	4.8350 R	-1.47	350	10.220	-.43	251	10.175	-.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
--	Method 050.XX	--	--	Method 050.XX	--	--	Method 060.99	--	--	Method 121.30	--	--	Method 144.XX	--
030	14.850 s	19.11	288	10.180	-.24	320	.9150	.71	131	.1350	1.43	105	12.705	1.12
415	10.933	2.88	383	10.185	-.25				Avg	.1287		193	12.535	.54
275	10.910 s	2.85	034	10.180	-.25	--	Method 060.XX	--	247	.1280	-.28	Avg	12.414	
330	10.715 R	2.15	211	10.170	-.30	363	1.0800 s	3.72	035	.1280	-.28	009	12.363	-.37
025	10.735	2.07	247	10.180	-.32	320	.9150	.74	009	.1240	-1.14	247	12.055	-1.35
390	10.660	1.77	360	10.200	-.33	105	.9150	.74						
393	10.638	1.65	009	10.145	-.39	193	.9100	.74	--	Method 121.99	--	--	Method 151.00	--
095	10.535	1.39	185	10.150	-.42	416	.8900	.46	320	.1158	.71	231	1.5150	.86
043	10.535	1.26	251	10.175	-.44	Avg	.8736					Avg	1.4075	
418	10.475	1.00	049	10.140	-.46	362	.8700	-.53	--	Method 121.XX	--	136	1.3000	-.87
322	10.470	.96	391	10.130	-.47	007	.7950	-1.39	131	.1350	1.22			
027	10.469	.95	090	10.125	-.52	247	.8200	-1.56	105	.1345	1.14	--	Method 151.30	--
377	10.450	.88	137	10.090	-.62				035	.1280	.26	247	1.2500	.71
262	10.300 R	.87	055	10.100	-.71	--	Method 101.00	--	247	.1280	.26			
022	10.440	.83	086	10.205 R	-.74	105	.1340	.71	Avg	.1265		--	Method 151.99	--
416	10.405	.69	289	10.070	-.74				009	.1240	-.42	040	1.2900	.97
106	10.395	.67	232	10.025	-.89	--	Method 101.30	--	193	.1200	-.93	Avg	1.1450	
024	10.400	.67	231	10.060	-.92	131	.1505	1.59	320	.1158	-1.59	409	1.0000	-.75
363	10.285	.67	351	10.009	-.97	Avg	.1373							
389	10.390	.63	007	9.9900	-1.04	247	.1355	-.22	--	Method 131.00	--	--	Method 151.XX	--
055	10.385	.61	193	9.9500	-1.21	009	.1323	-.58	193	.0640	.71	231	1.5150	1.33
177	10.379	.61	309	9.9500	-1.21	035	.1310	-.76				040	1.2900	.66
028	10.380	.59	029	9.9450	-1.22				--	Method 131.99	--	136	1.3000	.19
040	10.355	.55	234	9.9400	-1.24	--	Method 101.99	--	040	1.1700	.71	Avg	1.2710	
041	10.370	.54	324	9.9350	-1.30	320	.1351	.71				247	1.2500	-.30
028	10.370	.54	035	9.8800	-1.49				--	Method 131.XX	--	409	1.0000	-1.47
129	10.350	.51	200	9.8000	-1.82	--	Method 101.XX	--	040	1.1700	.96			
296	10.260	.46	260	9.8050	-1.89	131	.1505	1.99	Avg	.6170		--	Method 165.99	--
257	10.302	.31	397	9.6304 X	-2.55	Avg	.1364		193	.0640	-.75	009	120.57	.71
023	10.290	.30				247	.1355	-.14						
258	10.265	.29	--	Method 060.00	--	320	.1351	-.26	--	Method 144.01	--	--	Method 181.00	--
105	10.295	.26	363	1.0800 S	3.72	009	.1323	-.56	105	12.705	.89	193	2.0000	.92
372	10.290	.23	105	.9150	.83	105	.1340	-.74	Avg	12.620		363	2.0000	.92
105	10.250	.21	193	.9100	.82	035	.1310	-.77	193	12.535	-.84	Avg	1.7190	
392	10.245	.11	416	.8900	.53							300	1.7000	-.06
029	10.245	.03	362	.8700	.52	--	Method 121.00	--	--	Method 144.99	--	136	1.6900	-.14
Avg	10.239		Avg	.8667		105	.1345	.86	009	12.363	.87	397	1.6885 R	-.51
350	10.220	-.09	007	.7950	-1.23	Avg	.1273		Avg	12.209		289	1.2050	-1.67
037	10.195	-.21	247	.8200	-1.44	193	.1200	-.87	247	12.055	-.86			

\* 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
--	Method 181.30	--	--	Method 191.00	--	--	Method 202.99	--	--	Method 221.30	--	--	Method 241.00	--
232	4.6900 S	4.68	193	32.000	.71	409	5.0000	.83	231	.0130	-.61	029	1.1641	.65
247	2.6000	.86				Avg	3.7500		096	.0130	-.73	351	1.1585	.60
009	2.5500	.78	--	Method 191.30	--	320	2.5000	-.90	393	.0121	-1.45	105	1.1250	.32
231	2.4950	.68	009	43.200	1.07				300	.0120	-1.49	390	1.0985	.27
Avg	2.1275		389	42.000	.87	--	Method 202.XX	--				Avg	1.0929	
106	2.1000	-.05	Avg	36.046		193	8.9500	2.19	--	Method 221.99	--	177	1.0865	-.13
035	1.9200	-.38	247	35.550	-.08	106	7.1000	1.24	409	.0135	.71	043	1.0800	-.15
324	1.1000	-1.88	232	33.430	-.43	009	5.5500	.44				028	1.0650	-.29
			324	26.050	-1.55	231	5.1200	.23	--	Method 221.XX	--	262	.9250	-1.55
--	Method 181.99	--				409	5.0000	.16	131	.0160	2.29	193	.8130	-2.56
409	2.0000	.00	--	Method 191.99	--	Avg	4.6886		324	.0152	1.48	289	.3400 s	-6.88
			409	35.000	.71	389	4.0500	-.33	330	.0152	1.47			
--	Method 181.XX	--				040	4.0000	-.44	105	.0145	.96	--	Method 241.30	--
232	4.6900 s	5.84	--	Method 191.XX	--	247	3.6000	-.56	040	.0137 R	.62	330	1.2100	1.10
247	2.6000	1.39	009	43.200	1.34	324	3.1000	-.87	009	.0141	.48	324	1.2100	1.10
009	2.5500	1.29	389	42.000	1.11	232	2.6050	-1.07	288	.0140	.37	360	1.1700 R	.98
231	2.4950	1.17	247	35.550	.05	320	2.5000	-1.15	193	.0140	.33	009	1.1733	.98
106	2.1000	.33	Avg	35.319					106	.0140	.33	023	1.1430	.86
193	2.0000	.11	232	33.430	-.39	--	Method 221.00	--	247	.0138	.10	131	1.1350	.83
363	2.0000	.11	409	35.000	-.50	105	.0145	1.37	028	.0138	.10	106	1.1200	.79
409	2.0000	.11	193	32.000	-.58	193	.0140	.50	Avg	.0137		231	1.1000	.73
Avg	1.9467		324	26.050	-1.66	028	.0138	.18	232	.0133	-.36	251	1.0400	.51
035	1.9200	-.09				Avg	.0136		409	.0135	-.41	232	.9130	.06
300	1.7000	-.53	--	Method 202.00	--	029	.0133	-.61	035	.0133	-.41	Avg	.8974	
136	1.6900	-.55	193	8.9500	.71	095	.0126	-1.41	029	.0133	-.47	288	.8542	-.16
397	1.6885 R	-.64							389	.0131	-.57	389	.7300	-.59
289	1.2050	-1.58	--	Method 202.30	--	--	Method 221.30	--	231	.0130	-.66	409	.6700	-.81
324	1.1000	-1.82	106	7.1000	1.88	131	.0160	2.02	096	.0130	-.79	035	.6285	-.94
			009	5.5500	.80	324	.0152	1.30	095	.0126	-1.05	247	.5975	-1.05
--	Method 190.00	--	231	5.1200	.51	330	.0152	1.28	393	.0121	-1.59	393	.5640	-1.17
105	7.9000	.00	Avg	4.3906		009	.0141	.40	300	.0120	-1.64	300	.2700	-2.20
			389	4.0500	-.24	288	.0140	.31						
--	Method 190.99	--	040	4.0000	-.44	106	.0140	.27	--	Method 241.00	--	--	Method 241.99	--
009	7.7822	.71	247	3.6000	-.55	247	.0138	.07	040	1.3735 R	2.78	362	1.3500	1.39
			324	3.1000	-.99	Avg	.0137		137	1.2200	1.18	037	1.1810	.37
--	Method 190.XX	--	232	2.6050	-1.24	232	.0133	-.35	397	1.1094	.75	Avg	1.1340	
105	7.9000	.86				035	.0133	-.39	220	1.1150	.71	086	1.0102	-.72
Avg	7.8411					389	.0131	-.53	234	1.1700	.71	320	.9948	-.96
009	7.7822	-.87				040	.0137 R	-.55	095	1.1700	.71			
* 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
--	Method 241.XX	--	--	Method 251.00	--	--	Method 261.30	--	--	Method 289.30	--	--	Method 291.99	--
040	1.3735 R	1.60	193	8.5000	1.11	009	.0206	1.25	009	5.7500	1.09	409	19.500	.89
362	1.3500 R	1.49	397	7.4318	.08	Avg	.0187		389	5.1000	.62	Avg	15.750	
137	1.2200	.94	Avg	7.3606		247	.0181	-.33	106	4.9000	.49	035	12.000	-.84
330	1.2100	.89	136	6.1500	-1.12	035	.0172	-.91	247	4.8000	.40			
324	1.2100	.89							232	4.7750	.39	--	Method 291.XX	--
037	1.1810	.80	--	Method 251.30	--	--	Method 261.31	--	Avg	4.2600		232	19.500	1.37
360	1.1700	.77	106	11.600	1.56	324	.2550 S	.00	231	2.3450	-1.40	409	19.500	1.20
009	1.1733	.76	247	10.000	.76				324	2.1500	-1.55	009	19.300	1.00
095	1.1700	.74	324	8.4500	.59	--	Method 261.99	--				096	17.950	.71
234	1.1700	.74	Avg	8.3786		320	.0177	.71	--	Method 289.99	--	193	17.000	.19
029	1.1641	.71	231	7.6265	-.36				409	7.0000	.95	Avg	16.472	
351	1.1585	.69	009	6.7000	-.79	--	Method 261.XX	--	Avg	5.7500		231	16.115	-.13
023	1.1430	.63	232	5.8950	-1.18	324	.2550 s	168.61	040	4.5000	-.77	389	15.000	-.52
131	1.1350	.60				009	.0206	1.40				247	15.000	-.55
220	1.1150	.60	--	Method 251.99	--	105	.0190	.75	--	Method 289.XX	--	324	13.350	-1.22
397	1.1094	.59	409	9.0000	.93	193	.0195	.68	409	7.0000 R	2.26	035	12.000	-1.60
105	1.1250	.56	Avg	7.4125		Avg	.0187		009	5.7500	1.14			
106	1.1200	.56	040	5.8250	-.79	247	.0181	-.39	389	5.1000	.64	--	Method 301.00	--
231	1.1000	.50				035	.0172	-1.06	106	4.9000	.50	231	.0850	.71
390	1.0985	.47	--	Method 251.XX	--	320	.0177	-1.10	247	4.8000	.41			
177	1.0865	.41	106	11.600	2.01				232	4.7750	.39	--	Method 301.99	--
043	1.0800	.39	247	10.000	1.11	--	Method 281.00	--	040	4.5000	.29	409	4.5000	.88
320	.9948 R	.34	409	9.0000	.78	363	.0400	.71	Avg	4.2900		Avg	2.2700	
028	1.0650	.33	324	8.4500	.72				231	2.3450	-1.52	040	.0400	-.86
251	1.0400	.24	193	8.5000	.41	--	Method 281.30	--	324	2.1500	-1.68			
086	1.0102	.11	Avg	7.9253		040	17.600	-.71				--	Method 301.XX	--
Avg	.9812		231	7.6265	-.19				--	Method 291.00	--	409	4.5000	1.30
262	.9250	-.24	397	7.4318	-.26	--	Method 281.99	--	193	17.000	.00	Avg	1.5417	
232	.9130	-.27	009	6.7000	-.66	300	.0040	.00				231	.0850	-.63
288	.8542	-.50	136	6.1500	-.96				--	Method 291.30	--	040	.0400	-.65
193	.8130	-.66	232	5.8950	-1.11	--	Method 281.XX	--	232	19.500	1.46			
389	.7300	-.98	040	5.8250	-1.12	040	17.600	1.29	009	19.300	1.04	--	Method 311.00	--
409	.6700	-1.22				Avg	5.8813		096	17.950	.74	193	.2855	.71
035	.6285	-1.38	--	Method 261.00	--	363	.0400	-.64	Avg	16.602				
247	.5975	-1.50	193	.0195	.58	300	.0040	-.65	231	16.115	-.19	--	Method 311.99	--
393	.5640	-1.63	Avg	.0193					389	15.000	-.62	035	.2615	1.25
289	.3400	-2.50	105	.0190	-1.08				247	15.000	-.65	Avg	.2570	
300	.2700	-2.78							324	13.350	-1.38	247	.2570	-.39
												009	.2526	-.89

\* 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>	<u>Lab</u>	<u>Average*</u>	<u>Index</u>
-- Method 311.XX --			-- Method 321.XX --											
193	.2855	1.56	035	.0180	.70									
Avg	.2642		409	.0173	.63									
035	.2615	-.37	324	.0180	.60									
247	.2570	-.52	106	.0175	.44									
009	.2526	-.82	288	.0178	.43									
			028	.0177	.35									
-- Method 321.00 --			Avg .0172											
193	.0185	1.30	009	.0169	-.24									
028	.0177	.46	247	.0165	-.49									
Avg	.0172		040	.0166	-.50									
029	.0164	-.79	231	.0165	-.62									
105	.0170	-.92	029	.0164	-.66									
095	.0163	-1.06	320	.0162	-.74									
			389	.0162	-.74									
-- Method 321.30 --			105 .0170 -.75											
330	.0200	1.83	095	.0163	-.88									
251	.0200	1.82	232	.0156	-1.22									
035	.0180	.59	300	.0150	-1.61									
324	.0180	.49	-- Method 325.00 --											
106	.0175	.37	193	.0029	-.71									
288	.0178	.33												
Avg	.0173													
009	.0169	-.27												
247	.0165	-.50												
040	.0166	-.50												
231	.0165	-.60												
389	.0162	-.71												
232	.0156	-1.14												
300	.0150	-1.50												
-- Method 321.99 --														
409	.0173	1.07												
Avg	.0167													
320	.0162	-.60												
-- Method 321.XX --														
330	.0200	2.10												
251	.0200	2.09												
193	.0185	1.05												

\* 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	8	0.0000	1.03	0.13	050.30	10	0.0000	0.94	0.40
001.99	7	-0.3612	1.35	0.30	050.50	2	0.0000	1.18	0.22
001.XX	15	-0.0845	1.03	0.18	050.51	6	0.0000	1.03	0.20
003.10	4	0.0000	1.00	0.36	050.60	7	0.0000	1.03	0.13
003.XX	4	0.0000	1.00	0.36	050.61	8	0.0000	1.03	0.12
005.00	3	0.0000	1.12	0.01	050.99	11	0.2342	1.18	0.41
005.XX	3	0.0000	1.12	0.01	050.XX	63	0.3785	2.61	0.32
009.10	5	3.1685	7.11	0.65	060.00	7	0.5223	1.58	0.59
009.XX	5	3.1685	7.11	0.65	060.XX	8	0.4566	1.52	0.57
010.11	12	0.0000	1.01	0.18	101.30	4	0.0000	1.03	0.28
010.12	6	0.0000	1.01	0.24	101.XX	6	0.0000	0.96	0.39
010.17	2	0.0000	1.09	0.39	121.00	2	0.0000	1.22	0.09
010.60	41	0.1084	1.09	0.29	121.30	4	0.0000	1.04	0.26
010.99	3	0.0000	1.11	0.08	121.XX	7	0.0000	1.01	0.23
010.XX	60	-0.0074	1.00	0.25	131.XX	2	0.0000	1.07	0.42
020.10	5	0.0000	1.05	0.16	144.01	2	0.0000	0.84	0.63
020.20	21	4.1633	14.69	0.47	144.99	2	0.0000	1.07	0.42
020.40	6	0.0000	1.02	0.24	144.XX	4	0.0000	1.01	0.32
020.50	2	0.0000	0.00	0.00	151.00	2	0.0000	1.21	0.12
020.XX	35	2.2526	11.76	0.42	151.99	2	0.0000	1.06	0.44
030.10	2	0.0000	1.11	0.37	151.XX	5	0.0000	1.00	0.32
030.40	3	0.0000	1.06	0.28	181.00	6	-0.0166	0.95	0.21
030.XX	7	0.0000	1.01	0.22	181.30	7	0.6678	2.01	0.09
040.10	2	0.0000	1.14	0.32	181.XX	14	0.3781	1.84	0.12
040.20	3	0.0000	0.52	0.81	190.XX	2	0.0000	1.22	0.07
040.40	3	0.0000	1.10	0.18	191.30	5	0.0000	1.01	0.28
040.99	2	0.0000	0.94	0.55	191.XX	7	0.0000	0.98	0.33
040.XX	10	0.0000	0.99	0.26	202.30	8	0.0000	1.01	0.20
041.10	17	-0.5002	1.64	0.51	202.99	2	0.0000	1.18	0.24
041.20	4	0.0000	0.98	0.40	202.XX	11	0.0000	1.01	0.15
041.40	5	-0.6090	1.52	1.94	221.00	5	0.0000	0.98	0.36
041.50	5	0.0000	0.95	0.42	221.30	15	-0.0012	0.97	0.22
041.60	12	0.0000	0.99	0.26	221.XX	21	0.0004	0.96	0.25
041.99	2	0.0000	1.12	0.36	241.00	16	-0.2697	2.08	0.39
041.XX	40	-0.1329	0.94	0.57	241.30	17	0.0563	1.01	0.09
048.20	4	0.0000	0.82	0.61	241.99	4	0.0000	0.97	0.41
048.XX	5	0.0000	1.04	0.17	241.XX	37	0.0818	1.02	0.16
050.00	21	0.0881	1.00	0.44	251.00	3	0.0000	1.05	0.32
050.10	2	65.9039	93.20	1.18	251.30	6	0.0000	1.00	0.30

## 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
251.99	2	0.0000	1.12	0.35					
251.XX	11	0.0000	0.97	0.31					
261.00	2	0.0000	0.37	0.83					
261.30	3	0.0000	1.11	0.13					
261.XX	7	24.0818	63.72	1.42					
281.XX	3	0.0000	1.11	0.08					
289.30	7	0.0000	1.04	0.09					
289.99	2	0.0000	1.05	0.44					
289.XX	9	0.2356	1.19	0.28					
291.30	7	0.0000	0.91	0.46					
291.99	2	0.0000	1.17	0.25					
291.XX	10	0.0000	0.94	0.40					
301.99	2	0.0000	1.21	0.14					
301.XX	3	0.0000	1.11	0.12					
311.99	3	0.0000	0.87	0.57					
311.XX	4	0.0000	1.04	0.26					
321.00	5	0.0000	0.85	0.56					
321.30	13	0.0000	1.00	0.20					
321.99	2	0.0000	0.79	0.66					
321.XX	20	0.0000	0.96	0.32					