

- Pass 1 Results for 160 Labs - - Pass 2 Results for 158 Labs -

Method	AOAC 18th	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Urea, Misc		000.99	1	0.35800	0.02828	0.04000	1	0.35800	0.02828	0.04000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	2	1.82000	0.04546	0.05000	2	1.82000	0.04546	0.05000
Loss on Drying, ISO 6496		001.03	2	1.53000	0.14445	0.05000	2	1.53000	0.14445	0.05000
Loss on Drying, LECO		001.05	1	1.56000	0.00000	0.00000	1	1.56000	0.00000	0.00000
Loss on Drying, 104 deg 3 hr, in malt .	935.29	001.07	17	1.74422	0.19512	0.06803	16	1.72969	0.18616	0.04938
Loss on Drying, Misc		001.99	7	1.77721	0.46757	0.10186	7	1.77721	0.46757	0.10186
Method Group 001.XX PCT			29	1.73628	0.27951	0.07136	28	1.72770	0.27851	0.06082
Protein, Crude	954.01	002.00	1	0.60500	0.04950	0.07000	1	0.60500	0.04950	0.07000
Protein, Auto Kjel-Foss	976.05	002.01	2	0.69860	0.18041	0.07190	2	0.69860	0.18041	0.07190
Protein, Semiauto Autoanalyzer	976.06	002.02	1	0.89000	0.11314	0.16000	1	0.89000	0.11314	0.16000
Protein, Hach Method		002.03	1	0.60500	0.06364	0.09000	1	0.60500	0.06364	0.09000
Protein, Copper Cat	984.13	002.04	1	1.66000	0.00000	0.00000	1	1.66000	0.00000	0.00000
Protein, Combustion Nitrogen Analyzer	990.03	002.06	18	0.65898	0.20814	0.08177	16	0.64113	0.19676	0.04437
Protein, Cu/Ti	988.05	002.08	1	0.66000	0.04243	0.06000	1	0.66000	0.04243	0.06000
Protein, Block dig/distillation		002.10	1	0.75000	0.07071	0.10000	1	0.75000	0.07071	0.10000
Protein, Misc		002.99	2	1.23250	0.64194	0.11500	2	1.23250	0.64194	0.11500
Method Group 002.XX PCT			28	0.74621	0.32784	0.08306	26	0.74193	0.33354	0.06015
Fat, Eth Ext, Direct	920.39	003.00	4	0.55875	0.18765	0.08750	4	0.55875	0.18765	0.08750
Fat, In Fish Meal	948.04	003.04	1	0.66500	0.07778	0.11000	1	0.66500	0.07778	0.11000
Fat, Pet Ether		003.06	5	0.69200	0.14274	0.07200	5	0.69200	0.14274	0.07200
Fat, Soxtec, Eth Ext		003.09	2	0.65650	0.04556	0.07300	2	0.65650	0.04556	0.07300
Fat, Soxtec, Pet Ether		003.10	1	0.80000	0.00000	0.00000	1	0.80000	0.00000	0.00000
Fat, Hexane Ext.		003.12	1	0.60500	0.02121	0.03000	1	0.60500	0.02121	0.03000
Fat, Soxtec, Hexane Ext.		003.13	1	0.29000	0.05657	0.08000	1	0.29000	0.05657	0.08000
Fat, Ankom		003.14	1	0.51500	0.04950	0.07000	1	0.51500	0.04950	0.07000
Fat, Misc		003.99	3	0.66550	0.15932	0.13100	3	0.66550	0.15932	0.13100
Method Group 003.XX PCT			19	0.62524	0.16298	0.08100	19	0.62524	0.16298	0.08100
Fiber, Crude Asbestos Free	962.09	004.00	3	1.05000	1.01357	0.18667	3	1.05000	1.01357	0.18667
Fiber, Fibertec		004.06	2	0.64500	0.28595	0.26000	2	0.64500	0.28595	0.26000
Fiber, ANKOM		004.07	4	1.49875	0.26723	0.28250	5	1.58900	0.34491	0.36600
Fiber, Misc		004.99	1	0.78000	0.09899	0.14000	1	0.78000	0.09899	0.14000
Method Group 004.XX PCT			10	1.12150	0.65704	0.23500	10	1.12150	0.65704	0.23500
Ash,	942.05	005.00	43	86.9772	1.33053	0.38630	39	87.1732	1.04259	0.24464
Ash, LECO		005.02	1	88.4000	0.00000	0.00000	1	88.4000	0.00000	0.00000
Ash, NIR		005.11	1	82.5450	0.38891	0.55000	1	82.5450	0.38891	0.55000
Ash, Misc		005.99	9	85.8124	2.27227	0.86978	8	86.0590	2.13605	0.40350
Method Group 005.XX PCT			54	86.7274	1.67282	0.46276	49	86.9219	1.47773	0.27182
Fiber, Acid Detergent	973.18	008.02	2	2.61250	1.09430	0.14500	2	2.61250	1.09430	0.14500
Fiber, Acid Detergent by ANKOM		008.08	1	0.90500	0.16263	0.23000	1	0.90500	0.16263	0.23000

- Pass 1 Results for 160 Labs - - Pass 2 Results for 158 Labs -

Method	AOAC 18th	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Fiber, Acid Detergent Misc		008.99	2	1.29750	0.15327	0.21500	2	1.29750	0.15327	0.21500
Method Group 008.XX PCT			5	1.74500	0.99509	0.19000	5	1.74500	0.99509	0.19000
Fiber, Neutral Det-ENZ Pretreat		009.07	2	13.5575	13.8712	0.13500	2	13.5575	13.8712	0.13500
Fiber, Neutral Detergent by ANKOM		009.09	1	0.80500	0.00707	0.01000	1	0.80500	0.00707	0.01000
Fiber, Neutral Det Misc		009.99	1	2.28500	0.44548	0.63000	1	2.28500	0.44548	0.63000
Method Group 009.XX PCT			4	7.55125	11.1369	0.22750	4	7.55125	11.1369	0.22750
Moisture, NIR		010.11	1	1.65500	0.00707	0.01000	1	1.65500	0.00707	0.01000
Moisture, Misc		010.99	8	1.84090	0.42027	0.14448	8	1.84090	0.42027	0.14448
Method Group 010.XX PCT			9	1.82024	0.39933	0.12953	9	1.82024	0.39933	0.12953
Loss on Drying, 135 deg 2 hr	930.15	011.01	27	2.44969	0.39552	0.04991	25	2.40046	0.32941	0.04031
Loss on Drying, High Temp Methods, Misc		011.99	3	1.99333	0.33092	0.01333	3	1.99333	0.33092	0.01333
Method Group 011.XX PCT			30	2.40405	0.41094	0.04626	28	2.35684	0.35039	0.03742
Starch, Polarimetric (Ewers)		012.00	1	0.54000	0.00000	0.00000	1	0.54000	0.00000	0.00000
Starch, Enzymatic		012.03	2	0.96250	0.11442	0.05500	2	0.96250	0.11442	0.05500
Method Group 012.XX PCT			3	0.82167	0.23549	0.03667	3	0.82167	0.23549	0.03667
Fat, Mojonnier, Bak Ext	954.02	013.02	5	1.69470	0.48581	0.10980	5	1.69470	0.48581	0.10980
Fat, Soxtec-Acid Hydrolysis		013.10	5	0.54280	0.22623	0.22080	5	0.54280	0.22623	0.22080
Method Group 013.XX PCT			10	1.11875	0.69657	0.16530	10	1.11875	0.69657	0.16530
Aluminum, ICP		015.00	8	2454.63	266.967	80.0000	7	2406.00	239.070	41.4286
Method Group 015.XX PPM			8	2454.63	266.967	80.0000	7	2406.00	239.070	41.4286
Arsenic, ICP		016.02	3	3.40650	1.84675	0.16300	3	3.40650	1.84675	0.16300
Method Group 016.XX PPM			3	3.40650	1.84675	0.16300	3	3.40650	1.84675	0.16300
Boron, ICP		017.00	6	27.2200	27.3549	5.18000	6	27.2200	27.3549	5.18000
Method Group 017.XX PPM			6	27.2200	27.3549	5.18000	6	27.2200	27.3549	5.18000
Cadmium, ICP		018.02	4	1.66125	0.51607	0.30600	3	1.61500	0.51244	0.07467
Method Group 018.XX PPM			4	1.66125	0.51607	0.30600	3	1.61500	0.51244	0.07467
Calcium, Ox-Mn04 Vol	927.02	019.00	10	24.6682	0.41866	0.18869	9	24.7402	0.35575	0.13188
Calcium, At Abs Spect	968.08	019.01	44	24.8364	1.15362	0.31170	42	24.7703	1.10198	0.24892
Calcium, Semiauto (Autoanalyzer)		019.03	3	23.8300	1.44736	0.56667	3	23.8300	1.44736	0.56667
Calcium, ICP, Dry Ash.....		019.05	34	24.8064	1.49131	0.49629	31	24.7685	1.46078	0.30855
Calcium, EDTA		019.08	6	24.6827	0.58554	0.10500	6	24.6827	0.58554	0.10500
Calcium, ICP, Wet Ash		019.09	25	25.0047	1.29354	0.38342	24	24.9633	1.28763	0.31606
Calcium, Misc		019.99	7	24.7101	1.82825	0.77000	8	24.1239	2.33764	0.69875
Method Group 019.XX PCT			129	24.8107	1.27268	0.38590	122	24.7747	1.24388	0.29928
Chromium, AA.....		020.00	2	47.8898	0.82861	1.21350	2	47.8898	0.82861	1.21350
Chromium, ICP		020.01	8	36.1771	3.44170	1.25000	8	36.1771	3.44170	1.25000
Chromium, Misc		020.99	2	26.3925	1.80043	0.43500	2	26.3925	1.80043	0.43500
Method Group 020.XX PPM			12	36.4985	6.97412	1.10808	12	36.4985	6.97412	1.10808
Cobalt, AA	968.08	021.01	5	34.0100	14.0785	3.06000	4	36.7625	14.2967	1.32500

- Pass 1 Results for 160 Labs - - Pass 2 Results for 158 Labs -

Method	AOAC 18th	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Cobalt, ICP		021.02	13	26.4051	4.36482	0.68800	12	26.4138	4.51214	0.41200
Cobalt, Misc.		021.99	6	32.1853	9.94554	1.08202	6	32.1853	9.94554	1.08202
Method Group 021.XX PPM			24	29.4345	9.09400	1.28067	22	29.8695	9.29886	0.76073
Copper, AA	968.08	022.01	33	688.559	40.3870	10.8800	30	685.394	34.7047	7.39800
Copper, ICP, Dry Ash	968.08	022.03	27	676.015	37.0952	19.1980	25	673.164	33.1325	15.4538
Copper, ICP, Wet Ash	968.08	022.05	28	686.371	59.0588	19.8725	27	683.477	58.2058	17.3122
Copper, Misc		022.99	7	650.946	32.9730	20.2891	7	650.946	32.9730	20.2891
Method Group 022.XX PPM			95	681.578	46.2472	16.5878	88	676.976	40.6219	13.2811
Iron, AA	968.08	025.01	20	6547.04	1250.58	101.218	18	6681.42	1238.69	65.4589
Iron, ICP, Dry Ash	968.08	025.03	25	6187.49	1102.72	215.901	24	6173.41	1120.60	191.272
Iron, ICP, Wet Ash	968.08	025.05	21	6130.42	1547.14	102.717	21	6130.42	1547.14	102.717
Iron, Misc		025.99	6	6357.80	1485.55	318.214	6	6357.80	1485.55	318.214
Method Group 025.XX PPM			72	6284.91	1315.01	159.559	69	6308.88	1330.11	142.538
Lead,		026.00	1	2.05000	0.91924	1.30000	1	2.05000	0.91924	1.30000
Lead, Misc		026.99	2	0.14000	0.16166	0.00000	2	0.14000	0.16166	0.00000
Method Group 026.XX PPM			3	0.77667	1.07587	0.43333	3	0.77667	1.07587	0.43333
Magnesium, AA	968.08	027.01	35	0.70410	0.04932	0.01008	33	0.70711	0.04770	0.00736
Magnesium, ICP, Dry Ash	968.08	027.03	30	0.69834	0.03705	0.01318	29	0.69914	0.03714	0.01191
Magnesium, ICP, Wet Ash	968.08	027.05	26	0.69757	0.05159	0.01900	25	0.69475	0.04991	0.01648
Magnesium, Misc.		027.99	7	0.70800	0.03834	0.01829	7	0.70800	0.03834	0.01829
Method Group 027.XX PCT			98	0.70088	0.04563	0.01398	94	0.70143	0.04466	0.01200
Manganese, AA	968.08	028.01	35	2202.86	202.310	30.6889	33	2204.36	207.325	23.2458
Manganese, ICP, Dry Ash	968.08	028.03	27	2161.83	141.863	38.9954	24	2150.62	140.897	23.7096
Manganese, ICP, Wet Ash	968.08	028.05	26	2205.93	235.360	51.2100	25	2206.16	236.688	37.2584
Manganese, Misc.		028.99	7	2253.73	271.869	54.7480	7	2253.73	271.869	54.7480
Method Group 028.XX PPM			95	2195.79	203.083	40.4388	89	2194.26	207.045	29.7847
Mercury,		029.00	1	0.00400	0.00141	0.00200	1	0.00400	0.00141	0.00200
Phosphorus, Photometric	965.17	031.01	49	4.07004	0.22388	0.06596	47	4.07164	0.20712	0.05674
Phosphorus, GQMP (2.028)	964.06	031.02	5	4.12401	0.05679	0.04146	5	4.12401	0.05679	0.04146
Phosphorus, Autoanalyzer		031.03	5	4.11500	0.07706	0.03800	5	4.11500	0.07706	0.03800
Phosphorus, ICP		031.05	54	4.08297	0.22187	0.08138	50	4.07904	0.22066	0.06167
Phosphorus, Hach Method		031.06	2	3.73500	0.25749	0.12000	2	3.73500	0.25749	0.12000
Phosphorus, Misc		031.99	9	4.06750	0.21378	0.05122	8	4.12031	0.15030	0.02387
Method Group 031.XX PCT			124	4.07407	0.21764	0.07036	117	4.07647	0.20683	0.05623
Potassium, AA	975.03	032.01	25	0.40630	0.06121	0.01714	23	0.40055	0.05832	0.01298
Potassium, Flame Emission	956.01	032.02	8	0.39919	0.08413	0.01513	8	0.39919	0.08413	0.01513
Potassium, ICP		032.05	50	0.40656	0.05885	0.01987	46	0.40396	0.05175	0.01298
Potassium, Misc		032.99	5	0.37900	0.05301	0.01400	5	0.37900	0.05301	0.01400
Method Group 032.XX PCT			88	0.40425	0.06166	0.01833	82	0.40102	0.05723	0.01325

- Pass 1 Results for 160 Labs - - Pass 2 Results for 158 Labs -

Method	AOAC 18th	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Salt, Sol Cl	943.01	033.00	14	16.5900	0.76550	0.24857	14	16.5900	0.76550	0.24857
Salt, Poten Cl	969.10	033.01	27	16.9415	0.49216	0.15574	25	16.9022	0.48200	0.11740
Salt, Quantab		033.03	2	16.4700	0.54492	0.06000	2	16.4700	0.54492	0.06000
Salt, Ion Sel Electrode		033.05	1	16.4500	0.07071	0.10000	1	16.4500	0.07071	0.10000
Salt, Misc		033.99	7	17.0563	0.67068	0.10457	7	17.0563	0.67068	0.10457
Method Group 033.XX PCT			51	16.8326	0.62307	0.16935	49	16.8081	0.62011	0.15035
Selenium, Fluor	969.06	034.01	2	17.0500	0.98826	0.20000	2	17.0500	0.98826	0.20000
Selenium, AA, Hydride		034.04	9	15.9511	2.06721	0.69333	9	15.9511	2.06721	0.69333
Selenium, ICP		034.05	6	12.7897	4.49176	0.69433	6	12.7897	4.49176	0.69433
Selenium, Misc		034.99	3	19.3514	2.28787	0.74883	3	19.3514	2.28787	0.74883
Method Group 034.XX PPM			20	15.6226	3.62860	0.65262	20	15.6226	3.62860	0.65262
Sodium, AA		035.00	21	6.44687	0.30059	0.14531	19	6.46339	0.28304	0.10376
Sodium, Ion Sel Electrode		035.01	4	6.64988	0.48929	0.10275	4	6.64988	0.48929	0.10275
Sodium, ICP		035.03	48	6.72021	0.36214	0.13434	45	6.73001	0.35847	0.10641
Sodium, Flame Emission	956.01	035.05	7	6.29426	0.45028	0.08703	7	6.29426	0.45028	0.08703
Sodium, Misc		035.99	2	6.65500	0.25013	0.38000	2	6.65500	0.25013	0.38000
Method Group 035.XX PCT			82	6.60883	0.38660	0.13756	77	6.61849	0.38279	0.11091
Sulfur, (Gravimetric)		036.00	1	0.64500	0.00707	0.01000	1	0.64500	0.00707	0.01000
Sulfur, ICP		036.03	19	0.79451	0.13024	0.01565	18	0.79148	0.13309	0.01363
Sulfur, LECO		036.04	1	0.67450	0.01202	0.01700	1	0.67450	0.01202	0.01700
Method Group 036.XX PCT			21	0.78167	0.13014	0.01544	20	0.77831	0.13238	0.01361
Zinc, AA	968.08	037.01	35	2802.61	145.466	40.6899	34	2795.33	138.708	33.0631
Zinc, ICP, Dry Ash	968.08	037.03	28	2724.30	192.406	73.9495	26	2725.61	190.015	49.0100
Zinc, ICP, Wet Ash	968.08	037.05	28	2741.61	314.730	99.8275	26	2756.21	287.039	56.6219
Zinc, Misc		037.99	8	2754.40	285.381	74.9805	8	2754.40	285.381	74.9805
Method Group 037.XX PPM			99	2759.31	229.584	69.5934	94	2761.74	215.709	47.5577
Molybdenum, ICP		038.00	7	3.52293	0.79556	0.55329	7	3.52293	0.79556	0.55329
Molybdenum, Misc		038.99	2	6.64750	1.62126	0.23500	2	6.64750	1.62126	0.23500
Method Group 038.XX PPM			9	4.21728	1.65364	0.48256	9	4.21728	1.65364	0.48256
Nickel, AA		039.01	1	10.8000	0.14142	0.20000	1	10.8000	0.14142	0.20000
Nickel, ICP		039.02	6	18.1842	4.64367	2.42333	5	17.0640	3.67700	1.11400
Method Group 039.XX PPM			7	17.1293	5.04360	2.10571	6	16.0200	4.12420	0.96167
Barium, ICP		040.00	1	15.5000	1.13137	1.60000	1	15.5000	1.13137	1.60000
Vanadium, ICP		041.00	3	28.6480	6.36585	1.25133	3	28.6480	6.36585	1.25133
Method Group 041.XX PPM			3	28.6480	6.36585	1.25133	3	28.6480	6.36585	1.25133
Monensin, Plate	972.56	065.00	2	1190.50	20.7716	16.3000	2	1190.50	20.7716	16.3000
Monensin, Turbid	976.37	065.01	3	1183.40	64.6245	35.0000	3	1183.40	64.6245	35.0000
Monensin, HPLC	997.04	065.03	5	1117.56	71.3813	37.1280	5	1117.56	71.3813	37.1280
Monensin, Misc		065.99	3	1153.26	95.3992	68.8300	3	1153.26	95.3992	68.8300

Feed Check Sample No. - 200731 All Purpose Cattle Mineral, Medicated
 Association of American Feed Control Officials

- Pass 1 Results for 160 Labs - - Pass 2 Results for 158 Labs -

Method	AOAC 18th	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 065.XX G/TON			13	1152.22	74.0949	40.7485	13	1152.22	74.0949	40.7485
Vitamin A, Color	974.29	106.00	3	156.757	33.7652	6.44433	3	156.757	33.7652	6.44433
Vitamin A, HPLC		106.02	21	136.403	41.8466	8.09690	20	137.894	42.1914	6.91425
Vitamin A, Misc		106.99	2	138.720	5.60750	4.80200	2	138.720	5.60750	4.80200
Method Group 106.XX KU/LB			26	138.929	39.5481	7.65277	25	140.223	39.6632	6.68888
Vitamin D3, HPLC		108.02	3	38.1733	33.0232	1.74000	3	38.1733	33.0232	1.74000
Method Group 108.XX KU/LB			3	38.1733	33.0232	1.74000	3	38.1733	33.0232	1.74000
Vitamin E, HPLC		109.02	9	190.419	28.3590	9.98900	9	190.419	28.3590	9.98900
Method Group 109.XX MG/KG			9	190.419	28.3590	9.98900	9	190.419	28.3590	9.98900
Alanine, Post-col Ninhydrin Der	994.12	120.00	1	0.02000	0.00141	0.00200	1	0.02000	0.00141	0.00200
Arginine, Post-col Ninhydrin Der	994.12	121.00	1	0.05000	0.00141	0.00200	1	0.05000	0.00141	0.00200
Aspartic, Post-col Ninhydrin Der	994.12	122.00	1	0.04000	0.00000	0.00000	1	0.04000	0.00000	0.00000
Glutamic, Post-col Ninhydrin Der	994.12	125.00	1	0.06250	0.00495	0.00700	1	0.06250	0.00495	0.00700
Glycine, Post-col Ninhydrin Der	994.12	126.00	1	0.02650	0.00212	0.00300	1	0.02650	0.00212	0.00300
Leucine, Post-col Ninhydrin Der	994.12	129.00	1	0.02250	0.00071	0.00100	1	0.02250	0.00071	0.00100
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	1	0.02350	0.00212	0.00300	1	0.02350	0.00212	0.00300
Serine, Post-col Ninhydrin Der	994.12	134.00	1	0.01150	0.00071	0.00100	1	0.01150	0.00071	0.00100
Valine, Post-col Ninhydrin Der	994.12	138.00	1	0.01800	0.00141	0.00200	1	0.01800	0.00141	0.00200

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
-- Method 000.99 --			-- Method 001.99 --			-- Method 002.06 --			-- Method 003.09 --			-- Method 004.07 --		
676	0.3580	.71	405	1.8150	.14	199	0.6350	-.04	714	0.6630	.52	643	1.3400	-1.06
			Avg	1.7772		650	0.6200	-.11	Avg	0.6565				
-- Method 001.00 --			536	1.6050	-.37	168	0.6250	-.11	358	0.6500	-1.11	-- Method 004.99 --		
720	1.8500	.93	357	1.5600	-.48	096	0.5900	-.26				724	0.7800	-.71
Avg	1.8200		541	0.9350	-1.80	212	0.5350	-.55	-- Method 003.10 --					
169	1.7900	-.79	560	0.0000 S	-3.80	358	0.5350	-.59	520	0.8000	.00	-- Method 005.00 --		
						693	0.4800	-.83				688	89.200	1.95
-- Method 001.03 --			-- Method 002.00 --			660	0.4550	-.97	-- Method 003.12 --			723	88.974	1.73
688	1.6500	.90	199	0.6050	.71	130	0.2290	-2.10	670	0.6050	.71	520	88.625	1.40
Avg	1.5300											679	88.505	1.28
731	1.4100	-.83	-- Method 002.01 --			-- Method 002.08 --			-- Method 003.13 --			653	88.415	1.20
			652	0.8500	.88	563	0.6600	.71	660	0.2900	-.71	108	88.275	1.12
-- Method 001.05 --			Avg	0.6986					-- Method 003.14 --			672	88.100	.89
610	1.5600	.00	714	0.5472	-.85	-- Method 002.10 --			529	0.5150	.71	710	87.940	.74
						688	0.7500	.71				357	87.850	.65
-- Method 001.07 --			-- Method 002.02 --			-- Method 002.99 --			-- Method 003.99 --			413	87.650	.52
142	2.0500	1.74	169	2.2000 S	11.62	643	1.7850	.86	676	0.8165	1.06	529	87.300	.49
130	1.9768 R	1.65	297	0.8900	.71	Avg	1.2325		724	0.6800	.39	720	87.645	.45
679	2.0000	1.45	Avg	0.8900		724	0.6800	-.87	Avg	0.6655		731	87.600	.43
083	1.9500	1.21							417	0.5000	-1.10	660	87.365	.42
035	1.9150	1.00	-- Method 002.03 --			-- Method 003.00 --						142	87.400	.24
045	1.8300	.54	681	0.6050	.71	563	0.8000	1.39	-- Method 004.00 --			045	87.400	.24
187	1.8100	.44				212	0.5900	.41	647	2.2450	1.20	226	87.350	.22
278	1.7750	.31	-- Method 002.04 --			Avg	0.5588		Avg	1.0500		588	87.195	.20
Avg	1.7297		405	1.6600	.00	142	0.5000	-.31	199	0.8800	-.17	178	87.350	.18
199	1.7250	-.19	-- Method 002.06 --			616	0.3450	-1.14	563	0.0250	-1.01	541	87.305	.14
098	1.6900	-.21	574	66.930 s	336.90							510	87.315	.14
049	1.6500	-.48	541	1.7150 s	5.47	-- Method 003.04 --			-- Method 004.06 --			Avg	87.173	
616	1.6250	-.56	692	1.1600	2.64	681	0.6650	-.71	670	0.8400	1.00	643	87.085	-.08
413	1.6000	-.70	185	0.9335 R	1.65				Avg	0.6450		083	87.050	-.13
693	1.5850	-.78	417	0.6700 R	1.23	-- Method 003.06 --			688	0.4500	-.70	297	87.050	-.13
038	1.5400	-1.18	300	0.7591	.72	574	16.815 s	112.96				354	87.015	-.16
297	1.5100	-1.18	529	0.7800	.71	688	0.8000	1.03	-- Method 004.07 --			152	87.000	-.17
640	1.4200	-1.68	037	0.7600	.60	684	0.8250	.96	520	1.9500 s	1.46	651	86.998	-.17
			520	0.7400	.51	640	0.6950	.25	096	1.8000	.84	358	87.005	-.17
-- Method 001.99 --			670	0.6800	.22	Avg	0.6920		Avg	1.4988		035	86.745	-.41
681	2.4700	1.50	616	0.6750	.17	199	0.6700	-.17	529	1.4700	-.35	631	86.730	-.43
676	2.0555	.60	Avg	0.6411		297	0.4700	-1.56	708	1.3850	-.64	729	86.735	-.43
096	2.0000	.52										722	86.655	-.50

* 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 005.00	--	--	Method 008.08	--	--	Method 011.01	--	--	Method 013.02	--	--	Method 017.00	--
029	86.505	-.67	037	0.9050	.71	620	2.6436	.74	548	2.2950	1.26	345	13.570	-.50
674	86.925 R	-.67				510	2.6000	.61	130	2.0185	.67	045	10.650	-.61
199	86.370	-.77	--	Method 008.99	--	520	2.5700	.56	616	1.7550	.13			
300	86.260	-.88	358	1.3050	1.21	098	2.5750	.53	Avg	1.6947		--	Method 018.02	--
504	86.400 R	-1.00	Avg	1.2975		300	2.4950 R	.50	650	1.4050	-.60	021	2.2500	1.24
650	85.815	-1.32	297	1.2900	-.20	358	2.5550	.48	643	1.0000	-1.44	567	1.8000 R	1.04
205	84.965	-2.12				563	2.5500	.48				Avg	1.6150	
684	84.545	-2.56	--	Method 009.07	--	670	2.5350	.41	--	Method 013.10	--	154	1.4500	-.34
670	84.470	-2.61	297	25.570	.87	033	2.5200	.36	714	0.7740	1.03	011	1.1450	-.92
130	84.475 R	-3.22	Avg	13.558		660	2.4900	.30	688	0.6000	.25			
616	82.465 A	-4.52	684	1.5450	-.87	650	2.4700	.21	Avg	0.5428		--	Method 019.00	--
417	81.530 s	-5.50				548	2.4500	.15	096	0.3550	-.84	679	25.235	1.40
548	81.000 s	-6.55	--	Method 009.09	--	728	2.4500	.15	660	0.4850	-.94	175	25.050	.88
212	71.630 s	-15.12	037	0.8050	.71	160	2.4250	.09	652	0.5000	-1.34	689	25.050	.88
598	71.390 s	-15.15				354	2.4150	.06				621	25.005	.75
			--	Method 009.99	--	Avg	2.4005		--	Method 015.00	--	Avg	24.740	
--	Method 005.02	--	643	2.2850	-.71	643	2.3000	-.30	616	2795.0 R	1.78	623	24.633	-.30
610	88.400	.00				152	2.0000	-1.22	520	2686.5	1.18	620	24.655	-.33
			--	Method 010.11	--	294	1.8700	-1.61	345	2621.5	.90	622	24.366	-1.05
--	Method 005.11	--	212	1.6550	.71	710	1.8450	-1.69	560	2610.0	.85	651	24.314	-1.22
665	82.545	.71				574	1.6450	-2.30	021	2410.0	.24	552	24.355	-1.28
			--	Method 010.99	--	529	1.6200	-2.37	Avg	2406.0		625	24.020 R	-2.25
--	Method 005.99	--	417	2.5800	1.77				169	2245.0	-.68	647	8.0500 s	-46.92
724	87.850	.84	725	2.1195	.81	--	Method 011.99	--	353	2247.5	-.68	681	5.7750 s	-53.31
096	87.700	.77	652	1.8500	.36	265	2.3850	1.18	510	2021.5	-1.61			
725	87.201	.54	714	1.9495	.26	Avg	1.9933		011	0.2253 s	-10.06	--	Method 019.01	--
681	87.165	.52	037	1.9150	.19	684	1.9450	-.15				354	28.115	3.04
563	87.000	.45	Avg	1.8409		728	1.6500	-1.04	--	Method 016.02	--	018	27.250 R	2.40
Avg	86.059		620	1.5982	-.58				021	5.7500	1.27	720	26.805	1.85
652	86.000	-.10	724	1.5600	-.67	--	Method 012.00	--	Avg	3.4065		152	26.650	1.71
122	83.985	-.99	168	1.1550	-1.65	548	0.5400	.00	567	2.6000	-.44	305	26.035	1.15
728	83.840 R	-1.50				--	Method 012.03	--	011	1.8695	-.83	010	25.925	1.07
676	81.571	-2.11	--	Method 011.01	--							205	25.660	.86
574	13.450 s	-33.99	621	3.6350 A	3.75	297	1.0550	.81	--	Method 017.00	--	674	25.615	.78
			021	2.7200	.97	Avg	0.9625		353	84.310	2.10	013	25.200 R	.75
--	Method 008.02	--	541	2.7150	.95	684	0.8700	-.92	Avg	27.220		350	25.581	.75
405	3.5550	.86	122	2.7050	.92				560	24.500	-.27	653	25.471	.64
Avg	2.6125		121	2.6930	.89				510	16.440	-.39	563	25.380	.55
684	1.6700	-.87	226	2.6500	.77				693	13.850	-.49	588	25.365	.54

* 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 019.01	--	--	Method 019.03	--	--	Method 019.05	--	--	Method 019.09	--	--	Method 021.01	--
178	24.790	.45	026	25.300	1.02	405	21.455	-2.27	357	21.810	-2.45	722	87.677 S	3.56
035	25.250	.44	033	23.990	.16	208	21.448	-2.28	160	20.109 s	-3.77	619	54.100	1.21
363	25.215	.42	Avg	23.830								612	44.650	.57
026	25.200	.39	686	22.200	-1.20	--	Method 019.08	--	--	Method 019.99	--	Avg	36.763	
036	25.172	.37				138	25.665	1.68	725	201.90 s	76.05	689	28.000	-.61
675	25.120	.32	--	Method 019.05	--	673	25.150	.80	504	26.650	1.19	175	23.000 R	-1.02
098	25.095	.31	294	27.525	1.89	Avg	24.683		672	26.025	.84	164	20.300	-1.15
038	24.815	.21	089	27.460	1.84	689	24.600	-.14	724	25.370	.54			
731	24.875	.15	171	27.090	1.60	729	24.390	-.53	721	24.775	.31	--	Method 021.02	--
208	24.800	.03	413	26.550 R	1.38	590	24.215	-.80	006	24.650	.27	510	33.865	1.65
Avg	24.770		300	25.370 R	1.20	723	24.076	-1.04	121	24.516	.17	186	32.500	1.35
612	24.730	-.05	598	26.275	1.03				Avg	24.710		021	30.950	1.01
263	24.638	-.12	003	26.250	1.03	--	Method 019.09	--	028	20.985	-1.34	154	28.950	.57
650	24.655	-.14	265	25.635	.61	616	28.500 S	2.77	665	20.020 S	-1.76	171	27.500	.27
646	24.650	-.14	682	25.600	.57	190	27.135	1.69	692	18.750 S	-2.30	572	27.200	.18
004	24.560	-.20	548	24.965	.51	042	26.550	1.28				Avg	26.414	
722	24.502	-.25	144	25.500	.51	726	26.444	1.15	--	Method 020.00	--	616	25.900	-.12
658	24.443	-.36	164	25.470	.48	096	26.000 R	1.12	722	48.030	1.17	560	26.300 R	-.44
014	24.596	-.38	185	25.265	.34	045	26.250	1.02	Avg	47.890		045	23.900	-.56
669	24.422	-.40	083	25.200	.33	366	26.060	.86	164	47.750	-.35	011	23.486	-.65
019	24.355	-.40	520	25.100	.27	027	25.965	.84				567	22.500	-.87
505	24.345	-.41	510	25.135	.25	199	25.995	.80	--	Method 020.01	--	047	21.065	-1.19
233	23.850	-.85	560	25.050	.20	009	25.680	.58	021	42.150	1.75	169	19.150	-1.61
001	23.835	-.85	011	25.018	.18	035	25.350	.32	567	39.550	1.05			
536	23.713	-.96	229	25.015	.17	021	25.350	.30	560	37.350	.40	--	Method 021.99	--
619	23.600	-1.06	Avg	24.769		154	25.248	.23	171	37.000	.38	673	48.500	1.64
169	23.580	-1.10	187	24.685	-.06	Avg	24.963		Avg	36.177		721	39.650	.75
039	23.526	-1.13	148	24.575	-.13	345	24.890	-.06	154	34.500	-.51	Avg	32.185	
631	23.300	-1.41	610	24.425	-.24	186	24.850	-.15	011	33.967	-.65	610	30.500	-.18
710	22.860	-1.73	026	24.275	-.34	017	24.810	-.16	096	32.500	-1.08	017	29.000	-.34
278	22.710	-1.87	297	24.625	-.36	202	24.765	-.19	045	32.400	-1.10	607	26.462	-.58
142	22.550	-2.02	100	24.230	-.37	693	24.698	-.21	510	19.135 s	-4.95	710	19.000	-1.33
670	19.520 s	-4.77	047	24.105	-.48	512	24.630	-.26						
529	18.625 s	-5.58	226	23.800	-.75	353	24.525	-.40	--	Method 020.99	--	--	Method 022.01	--
065	17.840 s	-6.29	407	23.620	-.79	032	24.445	-.40	616	75.900 S	29.47	689	797.00 R	3.28
130	16.073 s	-7.94	358	23.635	-.79	567	24.330	-.53	675	27.935	.87	010	770.00	2.44
122	13.910 s	-9.86	550	23.675 R	-1.04	037	23.620	-1.04	Avg	26.393		536	760.27	2.16
			051	22.895	-1.30	309	23.570	-1.11	553	24.850	-.86	178	725.00 R	1.38
			553	22.500	-1.57	572	22.150	-2.20				208	728.00	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

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 022.01	--	--	Method 022.03	--	--	Method 022.05	--	--	Method 025.01	--	--	Method 025.03	--
039	726.60	1.21	171	700.00	.86	693	688.15	.12	035	7048.0	.30	550	4142.7	-1.82
590	725.00	1.15	168	699.00	.81	169	689.00	.11	505	7018.5	.27	407	3734.5	-2.18
612	711.00	.87	164	685.00	.58	021	686.50	.09	563	6854.0	.14	405	289.00 s	-5.25
563	711.85	.76	229	690.50	.56	Avg	677.94		278	6749.0	.05	553	0.2060 s	-5.51
013	707.00	.63	100	677.00	.19	096	670.00	-.41	Avg	6681.4				
731	704.50	.56	Avg	673.16		047	675.25	-.46	175	5900.0	-.64	--	Method 025.05	--
350	700.05	.42	185	670.00	-.18	309	658.75	-.54	098	5726.8 R	-.80	042	8017.5	1.22
001	693.00	.23	300	662.60	-.32	567	644.70	-.69	354	5412.5	-1.02	186	7780.0	1.07
675	690.49	.22	550	665.61	-.34	042	634.00	-.86	305	4986.0	-1.37	353	7443.5	.85
710	687.00	.10	405	660.00	-.46	154	632.00	-.89	014	4948.5 R	-1.41	726	7430.0	.84
175	687.50	.09	026	653.00	-.62	572	624.00	-1.02	588	4358.0	-1.88	021	7310.0	.76
Avg	685.39		520	651.50	-.66	009	622.96	-1.05	710	3773.0	-2.35	366	7289.5	.75
004	678.00	-.21	407	647.50	-.77	357	620.00	-1.09	722	0.7870 s	-5.39	017	7233.0	.72
278	678.15	-.22	144	646.45	-.82	037	609.75	-1.27	--	Method 025.03	--	035	7069.0	.61
529	677.55	-.24	610	645.65	-.83	353	605.70	-1.35	265	7967.5	1.60	567	6968.5	.54
588	676.00	-.28	226	648.00	-.88	160	603.00	-1.38	083	7535.0	1.22	199	6838.5	.46
505	675.00	-.30	187	641.62	-.95	148	6.3950 s	-11.63	100	7370.5	1.07	693	6685.0	.36
038	676.50	-.30	510	639.50	-1.02	--	Method 022.99	--	164	7250.0	.96	096	6150.0	.03
098	666.35	-.55	011	663.50 R	-1.11	721	803.00 s	4.61	548	7204.4	.96	345	6155.0	.02
014	663.00	-.65	358	624.04	-1.51	673	693.00	1.36	297	7143.5	.92	Avg	6130.4	
674	656.50	-.83	548	625.15	-1.53	121	679.76	.92	208	7175.0	.89	045	5965.0	-.12
631	653.72	-.92	553	540.00 s	-4.02	607	672.92	.78	026	7130.0	.85	037	5773.5	-.23
019	654.50	-.95	003	531.50 s	-4.28	672	652.50	.12	148	7089.5	.82	169	5240.0	-.58
653	649.54	-1.03	--	Method 022.05	--	Avg	650.95		520	6525.5 R	.48	190	5206.3	-.60
035	644.50	-1.18	616	827.50 S	2.51	725	628.45	-.72	011	6401.5	.21	309	4681.0	-.94
305	643.36	-1.21	186	798.00 R	2.05	692	621.00	-.98	560	6275.0	.17	154	3915.5	-1.43
669	643.60	-1.22	726	794.00 R	2.00	028	609.00	-1.30	Avg	6173.4		160	3763.0	-1.53
354	638.65 R	-1.45	190	785.78	1.76	--	Method 025.01	--	598	6135.5	-.08	616	1825.0	-2.78
720	623.29	-1.80	366	780.00	1.73	720	7968.5	1.04	510	6061.5	-.10	294	7.0400 s	-3.96
722	503.68 s	-5.25	035	736.00	.90	004	7850.0	.94	187	6038.1	-.12	--	Method 025.99	--
--	Method 022.03	--	294	734.89	.88	619	7690.5	.82	300	6053.5	-.13	673	8450.5	1.41
208	759.80 A	2.77	199	716.15	.57	350	7582.6	.73	413	5890.0	-.25	121	7562.3	.81
413	725.00	1.69	202	714.50	.56	689	7509.5	.67	144	5879.5	-.41	607	7053.5	.48
598	725.50	1.59	345	708.50	.43	208	7490.0	.65	610	5477.0	-.62	Avg	6357.8	
560	723.50	1.57	027	703.50	.37	669	7388.9	.58	003	5489.5	-.62	672	5493.5	-.59
265	719.00	1.39	017	700.50	.35	731	7361.0	.55	226	5377.0	-.72	725	4807.0	-1.06
083	706.50	1.03	512	693.30	.23	529	7325.5	.52	171	4950.0	-1.10	692	4780.0	-1.07
297	697.50	1.00	045	689.50	.18				229	4391.0	-1.59			

* 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 026.00	--	--	Method 027.01	--	--	Method 027.03	--	--	Method 027.99	--	--	Method 028.01	--
567	2.0500	.71	619	0.6500	-1.20	051	0.6300	-1.86	006	0.7300	.57	588	1975.5	-1.10
			631	0.6500	-1.22	358	0.6150	-2.27	018	0.7095	.46	646	1853.0	-1.70
--	Method 026.99	--	612	0.6360	-1.49	405	0.5000 s	-5.37	Avg	0.7080		305	1775.3	-2.07
610	0.2800	.87	142	0.6300	-1.62				028	0.6850	-.61	354	1760.0	-2.14
Avg	0.1400		175	0.6150 R	-2.07	--	Method 027.05	--	721	0.6750	-.95	001	1652.0	-2.66
619	0.0000	-.87	675	0.6000	-2.25	190	0.8000	2.12	673	0.6550	-1.39	536	1427.8 s	-3.75
			674	0.5550 s	-4.41	693	0.7680 R	1.68				674	1221.5 s	-6.88
--	Method 027.01	--	130	0.5123 s	-5.75	027	0.7485	1.23	--	Method 028.01	--			
720	0.9150 s	4.39				353	0.7500	1.12	720	2690.0	2.34	--	Method 028.03	--
305	0.8350	2.68	--	Method 027.03	--	186	0.7420	.98	208	2405.0	.97	100	2344.5	1.38
263	0.7740	1.40	026	0.7545	1.52	009	0.7406	.92	019	2391.5	.91	265	2332.0	1.32
505	0.7600	1.13	265	0.7500	1.37	345	0.7400	.91	035	2382.0	.86	548	2315.0 R	1.29
004	0.7565	1.04	164	0.7450	1.24	726	0.7355	.86	563	2376.5	.83	297	2303.5 R	1.25
013	0.7480	.86	208	0.7405	1.12	567	0.7250	.68	014	2360.5	.76	598	2312.0	1.15
208	0.7445	.79	550	0.7340	1.08	199	0.7189	.48	619	2348.0	.69	413	2305.0	1.10
036	0.7410	.71	560	0.7385	1.07	042	0.7095	.43	013	2345.0	.68	164	2300.0	1.06
731	0.7400	.69	300	0.7360	1.00	037	0.7050	.23	669	2326.5	.60	560	2275.0	.88
563	0.7390	.67	003	0.7300	.87	021	0.7035	.18	039	2321.0	.56	083	2261.0	.79
065	0.7355	.60	598	0.7300	.83	017	0.7000	.11	529	2300.0	.46	011	2253.5	.75
098	0.7350	.59	187	0.7278	.77	Avg	0.6948		178	2287.0	.40	229	2247.0	.68
350	0.7314	.51	083	0.7150	.45	512	0.6794	-.31	590	2266.0	.30	185	2189.0	.28
590	0.7300	.48	100	0.7050	.43	154	0.6894	-.33	278	2265.0	.30	208	2164.5	.18
035	0.7200	.34	171	0.7100	.31	572	0.6760	-.39	722	2260.0	.29	171	2170.0	.15
650	0.7186	.30	520	0.7050	.21	202	0.6700	-.50	098	2259.2	.28	187	2154.5	.03
001	0.7150	.17	185	0.7005	.04	357	0.6650	-.60	010	2260.0	.27	Avg	2150.6	
014	0.7085	.04	Avg	0.6991		035	0.6750	-.64	505	2234.0	.17	510	2144.5	-.04
Avg	0.7071		610	0.6910	-.22	616	0.6545	-.81	036	2225.0	.10	026	2126.0	-.17
722	0.7045	-.06	148	0.6910	-.22	045	0.6540	-.82	Avg	2204.4		300	2107.0	-.31
529	0.7000	-.15	297	0.6850	-.40	309	0.6522	-.85	731	2201.5	-.04	148	2087.0	-.47
278	0.7000	-.15	413	0.6850	-.40	096	0.6350	-1.20	350	2191.4	-.06	226	2085.0	-.50
038	0.7000	-.17	548	0.6878	-.56	366	0.6300	-1.31	004	2167.0	-.18	550	2135.9 R	-.55
039	0.6977	-.20	144	0.6820	-.67	160	0.5699	-2.51	675	2167.9	-.19	610	2065.5	-.61
019	0.6950	-.27	407	0.6735	-.69	047	0.5070 s	-3.82	631	2152.3	-.26	003	2028.5	-.90
669	0.6940 R	-.50	011	0.6741	-.69				689	2148.5	-.27	407	2010.0	-1.00
010	0.6835	-.53	553	0.6740	-.71	--	Method 027.99	--	620	2156.1	-.28	520	1922.0	-1.63
646	0.6750	-.74	226	0.6750 R	-.94	725	6.5450 s	152.26	612	2151.5	-.34	144	1882.5	-1.90
169	0.6650	-.89	294	0.6600	-1.05	692	0.8550 S	3.89	710	2156.5 R	-.35	168	1849.0	-2.14
588	0.6610	-.97	510	0.6550	-1.20	672	0.7500	1.21	175	2200.0 R	-.48	553	1435.0 s	-5.08
710	0.6550	-1.10	229	0.6500	-1.35	121	0.7515	1.14	038	2089.5	-.55	405	1118.0 s	-7.33

* 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 028.05	--	--	Method 029.00	--	--	Method 031.01	--	--	Method 031.05	--	--	Method 031.05	--
567	2654.0 S	2.20	675	0.0040	.71	651	3.9650	-.57	682	6.7900 s	12.29	610	3.9750	-.47
294	2643.1	1.85				658	3.9480	-.60	616	4.7800 s	3.20	297	3.9750	-.53
035	2614.5	1.73	--	Method 031.01	--	039	3.9330	-.67	021	4.5850	2.30	187	3.9500	-.58
190	2515.0	1.32	623	4.4746 R	2.12	178	3.9300	-.68	598	4.5300	2.04	407	3.9450	-.61
726	2510.0	1.29	035	4.4950	2.04	670	3.9000	-.83	089	4.4550	1.70	164	3.9450	-.61
366	2413.5	.88	675	4.4750	1.95	633	3.8988	-.84	726	4.4045 R	1.63	083	3.9500	-.63
045	2410.0	.87	625	4.3850	1.52	588	3.8650	-1.00	171	4.3700	1.33	154	4.0161	-.66
309	2317.5	.47	669	4.3160	1.26	722	3.8550	-1.05	190	4.3500	1.23	300	3.9630	-.69
021	2306.5	.43	152	4.3000	1.10	653	3.8365	-1.14	027	4.3350	1.20	199	3.9110	-.77
693	2273.0	.29	038	4.2850	1.08	710	3.7400	-1.60	567	4.3100	1.09	413	4.0350 R	-.77
186	2245.0	.22	529	4.2700	.96	620	3.6677	-1.98	560	4.2800	.96	548	3.9085	-.78
572	2245.0	.22	646	4.2550	.90	674	3.5900 R	-2.39	035	4.2750	.89	550	3.9885 R	-.85
202	2223.5	.07	142	4.2500	.89	665	3.5800	-2.40	186	4.2700	.87	042	3.8450	-1.07
Avg	2206.2		621	4.2400	.84	622	3.5410	-2.56	265	4.2650	.86	045	3.7950	-1.29
017	2194.0	-.08	731	4.2350	.80	065	3.2155 s	-4.13	366	4.2650	.84	037	3.7350	-1.56
169	2185.0	-.09	650	4.2200	.79	130	1.8728 s	-10.91	693	4.1005 R	.80	357	3.6800	-1.82
353	2202.0	-.14	305	4.2250	.75	647	1.8050 s	-10.94	353	4.2400	.75	358	3.5450	-2.44
345	2165.0	-.17	010	4.1850	.55	122	1.2550 s	-13.60	202	4.2300	.69	160	3.5384	-2.45
047	2169.0	-.28	679	4.1450	.37				512	4.1795	.47	553	3.2900 s	-3.59
512	2104.0	-.44	175	4.1300	.34	--	Method 031.02	--	051	4.1800	.47	405	2.4500 s	-7.39
042	2039.5	-.71	278	4.1350	.33	013	4.1850	1.16	144	4.1450	.31	294	2.8350 s	-8.85
616	2035.0	-.73	018	4.1350	.31	004	4.1750	.90	208	4.1420	.29			
037	2028.0	-.75	619	4.1250	.31	Avg	4.1240		009	4.1215	.27	--	Method 031.06	--
096	2200.0 R	-.85	363	4.1200	.27	014	4.1035	-.39	572	4.1300	.25	536	3.9450	.91
357	1879.0	-1.39	233	4.1050	.23	011	4.0866	-.71	345	4.0850	.12	Avg	3.7350	
160	1876.0	-1.40	019	4.1050	.18	505	4.0700	-1.30	229	4.0800	.00	138	3.5250	-.82
009	1873.5	-1.41	001	4.1080	.18				Avg	4.0790				
154	1687.5	-2.19	026	4.0750	.12	--	Method 031.03	--	003	4.0650	-.09	--	Method 031.99	--
			354	4.0950	.12	720	5.0450 S	12.08	510	4.0550	-.11	725	29.505 s	168.90
--	Method 028.99	--	Avg	4.0716		504	4.1800	.93	309	4.0790	-.14	729	5.9450 S	12.17
721	2703.5	1.66	263	4.0639	-.04	208	4.1750	.78	121	4.0420	-.19	631	5.2150 S	7.29
673	2527.0	1.01	350	4.0558	-.09	026	4.1350	.52	017	4.0350	-.23	552	4.3650	1.63
121	2288.1	.13	205	4.0650	-.17	Avg	4.1150		226	4.0500	-.26	724	4.2800	1.06
Avg	2253.7		723	4.0655	-.24	033	4.0950	-.32	096	4.0500	-.26	672	4.1800	.48
607	2244.5	-.15	596	4.0500	-.26	047	3.9900	-1.63	148	4.0200	-.32	590	4.1250	.09
028	2079.0	-.65	563	4.0068	-.32				032	4.0200	-.32	Avg	4.1203	
672	1979.0	-1.02	036	4.0065	-.38				100	4.0350	-.36	673	4.1000	-.14
692	1955.0	-1.12	169	3.9900	-.49				520	4.0000	-.36	676	4.0325	-.60
725	1.8380 s	-8.28	098	3.9900	-.52				185	4.0010	-.42	721	3.9900	-.87

* 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 031.99	--	--	Method 032.02	--	--	Method 032.05	--	--	Method 033.00	--	--	Method 033.01	--
028	3.8900	-1.53	588	0.4865	1.04	186	0.3917	-.27	674	23.390 s	8.90	175	16.950	.14
692	3.6450 R	-3.29	169	0.4450	.55	042	0.3895	-.28	596	21.900 s	6.94	Avg	16.902	
			731	0.4150	.26	407	0.3870	-.33	169	17.665	1.45	610	16.785	-.25
--	Method 032.01	--	047	0.4000	.24	154	0.3878	-.34	045	17.600	1.38	096	16.900	-.41
563	1.0049 s	10.36	Avg	0.3992		121	0.3865	-.34	366	17.350	1.09	686	16.700	-.42
354	0.7750 s	6.43	669	0.3715	-.34	572	0.3850	-.37	512	16.925	.44	038	16.660	-.52
019	0.7500 s	6.00	504	0.3155	-.99	345	0.3850	-.38	675	16.925	.44	021	16.600	-.66
674	0.6465 s	5.02	590	0.2500	-1.77	357	0.3850	-.38	309	16.895	.41	510	16.425	-1.00
670	0.5550	2.68				366	0.3850	-.38	013	16.780	.26	710	16.125	-1.61
720	0.5150 R	2.05	--	Method 032.05	--	045	0.3835	-.40	588	16.605	.14	001	16.020	-1.83
205	0.5100	1.91	051	0.9300 s	10.68	512	0.3895	-.43	Avg	16.590		633	15.514	-2.88
130	0.5000	1.77	265	0.6900 s	5.53	553	0.3810	-.46	679	16.365	-.29	039	3.3425 s	-28.13
305	0.4300 R	.72	187	0.6521 s	4.80	413	0.3800	-.46	208	16.550	-.33			
529	0.4400	.68	003	0.6200 s	4.19	510	0.3800	-.46	297	16.245	-.45	--	Method 033.03	--
004	0.4340	.57	567	0.5400 s	3.26	548	0.3950	-.51	511	15.780	-1.06	190	26.600 S	18.59
619	0.4275	.48	353	0.5550	2.92	358	0.3750	-.57	731	15.575	-1.35	726	20.080 S	6.86
675	0.4200	.38	226	0.5400 R	2.80	168	0.3750	-.57	689	15.000	-2.08	505	16.940	.87
208	0.4100	.16	144	0.5155	2.20	185	0.3737	-.59	567	9.6250 s	-9.14	Avg	16.470	
142	0.4050	.11	520	0.5100 R	2.19	610	0.3630	-.79	353	8.5400 s	-10.52	122	16.000	-.86
Avg	0.4005		208	0.5105	2.06	096	0.3650	-.81				265	10.955 S	-10.13
065	0.4000	-.04	083	0.4900	1.66	297	0.3550	-.95	--	Method 033.01	--			
036	0.3945	-.10	009	0.4782	1.44	300	0.3922 R	-1.02	226	20.350 s	7.15	--	Method 033.05	--
098	0.3900	-.18	190	0.4750	1.40	100	0.3400	-1.25	650	17.650	1.55	171	16.450	.71
278	0.3800	-.35	616	0.4695	1.27	309	0.3328	-1.38	019	17.475 R	1.34			
350	0.3751	-.44	027	0.4410	.80	160	0.3209	-1.61	178	17.390 R	1.23	--	Method 033.99	--
650	0.3715	-.51	148	0.4395	.69	726	0.3035 R	-2.23	278	17.400	1.03	121	18.119	1.59
039	0.3656	-.60	164	0.4250	.63	405	0.2850	-2.30	004	17.355	.94	051	17.520	.69
038	0.3650	-.61	035	0.4350	.61	229	0.1500 s	-4.94	205	17.335	.91	552	17.510	.68
175	0.3600	-.72	693	0.4330	.59				098	17.245	.87	Avg	17.056	
612	0.3550	-.79	017	0.4150	.36	--	Method 032.99	--	354	17.185	.75	673	16.850	-.32
013	0.3545	-.79	560	0.4165	.25	725	3.9275 s	66.94	590	17.250	.73	027	16.805	-.38
035	0.3500	-.88	021	0.4080	.21	028	0.4700	1.72	026	17.190	.60	003	16.500	-.84
710	0.3350	-1.13	550	0.4135	.20	692	0.3850	.30	229	17.110	.43	681	16.090	-1.44
505	0.3150	-1.47	Avg	0.4040		Avg	0.3790		029	17.075	.37	619	4.2700 s	-19.07
			037	0.4000	-.08	672	0.3600	-.36	010	17.075	.36			
--	Method 032.02	--	294	0.4000	-.08	721	0.3550	-.46	036	17.066	.35	--	Method 034.01	--
536	1.9549 s	18.51	199	0.3989	-.10	673	0.3250	-1.06	199	17.010	.22	560	17.900	.87
014	0.6795 S	3.36	171	0.3960	-.16				202	16.985	.21	Avg	17.050	
665	0.5100	1.32	026	0.3905	-.27				164	16.945	.20	038	16.200	-.87

* 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 034.04	--	--	Method 035.00	--	--	Method 035.03	--	--	Method 035.05	--	--	Method 036.04	--
208	33.750 s	8.61	650	6.5750	.48	353	6.8750	.41	504	6.5350	.56	610	0.6745	-.71
035	20.550	2.23	205	6.5850	.43	100	6.7850	.24	Avg	6.2943				
572	17.350	.68	305	6.5550	.33	187	6.8100	.22	169	6.1800	-.27	--	Method 037.01	--
164	16.600	.62	720	6.5150	.27	550	6.7495	.12	588	6.1250	-.38	175	3050.0 R	2.13
Avg	15.951		Avg	6.4634		Avg	6.7300		160	5.8048	-1.11	590	3048.0	1.82
026	15.660	-.18	098	6.4100	-.24	148	6.7150	-.06	665	5.7350	-1.25	612	2985.0	1.38
512	15.630	-.19	175	6.3750	-.41	366	6.7050	-.10				529	2969.0	1.26
169	15.500	-.33	354	6.3400	-.44	229	6.6850	-.13	--	Method 035.99	--	013	2965.0	1.23
010	14.270	-.81	039	6.3155	-.53	017	6.6950	-.14	725	62.315 S	222.52	038	2962.0	1.20
610	14.000	-.94	363	6.3000	-.58	045	6.6500	-.22	673	8.3800 S	6.92	536	2937.0	1.03
171	14.000 X	-.97	710	6.1700	-1.04	199	6.6485	-.23	692	6.7400	1.06	036	2920.0	.90
619	0.8700 s	-7.30	722	5.9140	-1.95	164	6.6700	-.24	Avg	6.6550		001	2877.0	.59
			142	6.0000 R	-1.95	598	6.6650	-.24	672	6.5700	-.62	675	2857.8	.57
--	Method 034.05	--	675	5.9100	-1.97	154	6.6518	-.24				619	2862.5	.51
504	33.000 s	4.93				693	6.7260	-.28	--	Method 036.00	--	563	2857.5	.45
047	18.350	1.24	--	Method 035.01	--	083	6.6100	-.35	297	0.6450	.71	305	2842.7	.42
309	18.275	1.22	647	7.3750	1.49	185	6.6000	-.39				208	2847.5	.40
Avg	12.790		Avg	6.6499		572	6.5950	-.53	--	Method 036.03	--	350	2839.9	.34
154	11.950	-.19	563	6.5545	-.21	682	6.5100	-.61	021	0.9965	1.54	014	2834.0	.33
567	12.000	-.28	686	6.5500	-.23	345	6.4850	-.68	616	0.9900	1.49	010	2840.0	.32
021	9.3000	-.78	138	6.1200	-1.08	567	6.4500	-.89	708	0.9870	1.47	722	2835.8	.29
011	6.8630	-1.32				011	6.4080	-.90	187	0.9635	1.29	505	2811.0	.11
			--	Method 035.03	--	042	6.5650 R	-.94	294	0.9500	1.19	Avg	2795.3	
--	Method 034.99	--	405	7.5450	2.28	226	6.4000	-.96	169	0.8700	.59	731	2792.0	-.04
710	21.500	.96	520	7.4500	2.01	553	6.3750	-1.01	550	0.8490 R	.47	098	2776.8	-.25
721	19.955	.27	096	7.3500	1.74	510	6.3370	-1.10	560	0.8365	.34	039	2759.0	-.27
Avg	19.351		037	7.3450	1.72	035	6.3000	-1.20	Avg	0.7915		674	2765.5	-.27
607	16.599	-1.22	297	7.1250	1.23	309	6.2945	-1.22	693	0.7835	-.15	019	2752.5	-.31
			171	7.1500	1.17	358	6.2850	-1.28	171	0.7530	-.29	689	2743.5	-.38
--	Method 035.00	--	726	7.1185	1.09	407	6.2650	-1.30	202	0.7250	-.50	278	2758.5	-.42
233	7.5650 s	3.90	413	6.9000 R	.99	051	6.2550 R	-1.47	345	0.7250	-.51	178	2769.0	-.45
035	6.9350	1.67	021	7.0650	.97	300	6.0695	-1.86	300	0.7130	-.61	004	2722.5	-.53
152	6.8500	1.38	208	7.0730	.96	548	6.0095	-2.06	353	0.7000	-.69	620	2718.8	-.58
263	6.8099	1.22	089	7.0550	.91	265	5.3400 s	-3.88	357	0.6700	-.92	653	2678.7	-.84
670	6.5800 R	.94	186	7.0200	.82				045	0.6650	-.95	588	2636.0	-1.16
278	6.4750	.76	610	6.9595	.64	--	Method 035.05	--	366	0.6550	-1.03	035	2610.5	-1.33
208	6.6550	.73	616	6.8450	.49	536	8.4515 s	4.82	042	0.6490	-1.07	710	2491.5	-2.19
529	6.6500	.66	144	6.8400	.48	294	7.0000	1.57	160	0.6146	-1.33	354	2491.5	-2.20
038	6.4650	.65	202	6.8850	.46	731	6.6800	.86				720	2483.4	-2.25

* 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 037.01 --		--	Method 037.05 --		--	Method 038.00 --		--	Method 065.00 --		--	Method 106.02 --	
646	2111.9 s	-4.93	366	3112.5	1.24	169	213.00 s	263.32	016	1205.0	1.00	199	140.45	.06
			294	3081.1	1.13	045	4.8200	1.63	Avg	1190.5		027	139.63	.06
--	Method 037.03 --		021	3053.5	1.04	560	3.7050	1.10	027	1176.0	-.70	Avg	137.89	
413	3470.0 s	3.93	726	2990.0	.84	510	3.7000	.26				722	134.70	-.08
229	3005.0	1.47	045	2985.0	.81	Avg	3.5229		--	Method 065.01 --		010	124.50	-.33
598	2990.0	1.39	169	2940.0	.64	154	3.4000	-.15	013	1235.0	1.11	610	123.15	-.35
171	2890.0	.87	693	2816.5	.50	096	3.5000	-.63	036	1202.0	.29	563	117.44	-.49
100	2881.5	.82	027	2897.5	.50	011	2.9355	-.74	Avg	1183.4		590	111.09	-.64
164	2840.0	.80	202	2884.0	.45	021	2.6000	-1.26	027	1113.2	-1.09	021	111.00	-.64
083	2876.5	.80	017	2802.5	.21							038	107.65	-.76
610	2874.0	.78	309	2794.5	.14	--	Method 038.99 --		--	Method 065.03 --		096	106.58 R	-.83
550	2773.5 R	.74	199	2783.0	.11	721	8.0450	.87	047	1457.0 S	4.76	560	100.40	-.90
011	2862.0	.73	Avg	2756.2		Avg	6.6475		148	1229.5	1.57	208	96.750	-.98
560	2855.0	.69	572	2685.0	-.25	164	5.2500	-.86	003	1134.5	.24	616	95.030	-1.02
510	2850.5	.66	096	2650.0	-.41				Avg	1117.6		039	62.210	-1.79
548	2834.3	.59	154	2639.5	-.41	--	Method 039.01 --		026	1079.8	-.53			
297	2829.5	.58	567	2586.0	-.61	164	10.800	-.71	512	1094.0	-.79	--	Method 106.99 --	
208	2796.0	.37	512	2580.5	-.61				038	1050.0	-1.04	028	142.94	.86
026	2780.0	.29	047	2502.0	-.95	--	Method 039.02 --					Avg	138.72	
185	2770.5	.25	037	2473.5	-.98	567	23.785 R	2.20	--	Method 065.99 --		029	134.50	-.87
Avg	2725.6		042	2413.0	-1.20	154	23.200	1.67	017	1217.0	.67			
187	2706.8	-.10	009	2395.1	-1.26	021	17.750	.32	028	1182.0	.30	--	Method 108.02 --	
148	2686.0	-.21	616	2370.0	-1.35	Avg	17.064		Avg	1153.3		560	80.750	1.29
407	2611.5	-.60	357	2339.0	-1.45	560	16.550	-.34	009	1060.8	-1.40	Avg	38.173	
226	2604.0	-.65	160	2321.5	-1.52	011	14.170	-.79				208	18.295	-.60
300	2604.0	-.67	353	2181.0 R	-2.09	045	13.650	-.93	--	Method 106.00 --		675	15.475	-.69
144	2592.4	-.70							169	200.00	1.28			
358	2497.3	-1.24	--	Method 037.99 --		--	Method 040.00 --		Avg	156.76		--	Method 109.02 --	
520	2492.0	-1.24	721	3311.5	1.95	560	15.500	.71	027	137.27	-.58	610	231.40	1.48
265	2641.0 R	-1.46	121	2907.2	.54				171	133.00 X	-.72	619	213.50	.82
003	2442.5	-1.50	607	2882.5	.47	--	Method 041.00 --					675	207.19	.66
553	2420.0	-1.69	673	2779.0	.25	021	35.300	1.05	--	Method 106.02 --		722	207.04	.59
168	2274.5	-2.40	Avg	2754.4		011	29.394	.12	035	213.63	1.80	590	200.00	.49
405	1797.0 s	-4.89	672	2663.5	-.34	Avg	28.648		670	210.19	1.71	Avg	190.42	
			028	2631.5	-.44	154	21.250	-1.18	003	207.50	1.66	563	181.37	-.33
--	Method 037.05 --		692	2505.0	-.91				004	187.38	1.18	208	171.28	-.68
190	3305.3	1.91	018	2355.0	-1.40				619	182.50	1.06	199	156.00	-1.21
345	2922.5 R	1.81	725	2.1630 s	-9.64				017	153.15	.37	560	146.00	-1.61
186	3261.0	1.76							512	139.55	.16	096	11.875 s	-6.30

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

Laboratory Averages & Accuracy Indexes

<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 120.00	--												
644	0.0200	.71												
--	Method 121.00	--												
644	0.0500	-.71												
--	Method 122.00	--												
644	0.0400	.00												
--	Method 125.00	--												
644	0.0625	.71												
--	Method 126.00	--												
644	0.0265	-.71												
--	Method 129.00	--												
644	0.0225	.71												
--	Method 130.00	--												
644	0.0235	.71												
--	Method 134.00	--												
644	0.0115	.71												
--	Method 138.00	--												
644	0.0180	-.71												

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

Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs	Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
001.00	2	0.0000	0.93	0.56	020.99	3	9.1659	15.90	6.13
001.03	2	0.0000	1.17	0.24	021.01	6	0.4331	1.79	0.17
001.07	17	0.0781	1.02	0.31	021.02	13	-0.0019	0.98	0.14
001.99	8	-0.4751	1.65	0.12	021.99	6	0.0000	1.05	0.07
002.01	2	0.0000	1.19	0.21	022.01	34	-0.0655	1.45	0.25
002.02	2	5.7894	8.19	0.85	022.03	29	-0.2059	1.49	0.38
002.06	20	17.1993	75.26	0.36	022.05	30	-0.2589	2.39	0.24
002.99	2	0.0000	1.22	0.10	022.99	8	0.5764	1.87	0.31
003.00	4	0.0000	1.01	0.33	025.01	21	-0.3601	1.52	0.07
003.06	6	18.8262	46.12	0.32	025.03	27	-0.3869	1.72	0.14
003.09	2	0.0000	0.20	0.85	025.05	22	-0.1799	1.30	0.04
003.99	3	0.0000	1.00	0.41	025.99	6	0.0000	1.04	0.12
004.00	3	0.0000	1.10	0.14	026.99	2	0.0000	1.22	0.00
004.06	2	0.0000	0.96	0.53	027.01	38	-0.1348	1.48	0.84
004.07	5	0.0000	0.78	0.64	027.03	31	-0.1939	1.36	0.25
005.00	47	-1.0524	3.39	0.67	027.05	27	-0.0850	1.23	0.29
005.99	10	-3.5031	10.76	0.36	027.99	9	17.3435	50.62	0.49
008.02	2	0.0000	1.22	0.09	028.01	37	-0.2362	1.36	0.83
008.99	2	0.0000	0.07	0.86	028.03	29	-0.3538	1.91	0.21
009.07	2	0.0000	1.22	0.01	028.05	27	0.0691	1.03	0.29
010.99	8	0.0000	1.01	0.23	028.99	8	-1.0354	3.08	0.11
011.01	27	0.1494	1.21	0.12	031.01	53	-0.7486	2.97	0.41
011.99	3	0.0000	1.12	0.02	031.02	5	0.0000	0.93	0.46
012.03	2	0.0000	1.14	0.31	031.03	6	2.0113	5.01	0.36
013.02	5	0.0000	1.05	0.15	031.05	59	-0.0029	2.31	0.93
013.10	5	0.0000	0.69	0.72	031.06	2	0.0000	1.15	0.29
015.00	9	-0.9373	3.58	0.27	031.99	12	15.4300	48.51	0.41
016.02	3	0.0000	1.12	0.05	032.01	29	1.0159	2.66	0.55
017.00	6	0.0000	1.04	0.14	032.02	10	2.1823	5.90	0.33
018.02	4	0.0903	0.93	0.49	032.05	56	0.4445	2.15	0.60
019.00	12	-8.5208	19.50	0.37	032.99	6	11.1568	27.34	0.26
019.01	49	-0.6477	2.41	0.25	033.00	18	-0.2108	4.42	0.31
019.03	3	0.0000	1.08	0.25	033.01	29	-0.6475	5.53	0.24
019.05	34	0.0260	0.98	0.30	033.03	5	3.0188	10.58	0.83
019.08	6	0.0000	1.04	0.11	033.99	8	-2.3831	6.81	0.09
019.09	27	-0.0081	1.32	0.22	034.01	2	0.0000	1.22	0.10
019.99	10	7.3751	24.16	0.22	034.04	11	0.1195	3.68	0.21
020.00	2	0.0000	0.24	0.85	034.05	7	0.6428	1.95	0.76
020.01	9	-0.5502	1.90	0.20	034.99	3	0.0000	1.10	0.18

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
035.00	22	0.1212	1.29	0.39					
035.01	4	0.0000	1.07	0.11					
035.03	49	-0.1059	1.11	0.27					
035.05	8	0.5989	1.95	0.22					
035.99	4	57.3544	110.16	0.88					
036.03	19	0.0227	0.99	0.08					
037.01	36	-0.0859	1.31	0.24					
037.03	30	-0.0388	1.49	0.34					
037.05	28	-0.0509	1.04	0.37					
037.99	9	-1.0716	3.35	0.14					
038.00	8	32.9133	93.10	1.01					
038.99	2	0.0000	1.22	0.08					
039.02	6	0.3046	1.19	0.53					
041.00	3	0.0000	1.11	0.12					
065.00	2	0.0000	0.99	0.51					
065.01	3	0.0000	0.97	0.45					
065.03	6	0.7925	2.13	0.34					
065.99	3	0.0000	0.86	0.58					
106.00	3	0.0000	1.11	0.10					
106.02	21	-0.0353	1.00	0.13					
106.99	2	0.0000	1.06	0.43					
108.02	3	0.0000	1.12	0.03					
109.02	10	-0.6296	2.20	0.22					