

Feed Check Sample No. - 200829 Infant Pig Starter, Medicated  
 Association of American Feed Control Officials

- Pass 1 Results for 221 Labs - - Pass 2 Results for 220 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
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	9	7.88538	0.32969	0.14992	8	7.96168	0.22679	0.08241
Loss on Drying, ISO 6496		001.03	5	8.11700	0.18031	0.07000	5	8.11700	0.18031	0.07000
Loss on Drying, LECO		001.05	1	7.90000	0.00000	0.00000	1	7.90000	0.00000	0.00000
Loss on Drying, 104 deg 3 hr, in malt	935.29	001.07	39	7.99177	0.43392	0.12144	36	8.02275	0.42754	0.08600
Loss on Drying, 102 deg 16 hr, in meat	950.46	001.08	1	8.01500	0.04950	0.07000	1	8.01500	0.04950	0.07000
Loss on Drying, Misc		001.99	18	8.11251	0.60068	0.20339	17	8.11913	0.60558	0.15654
Method Group 001.XX PCT			73	8.01606	0.45552	0.13927	68	8.04467	0.44369	0.10054
Protein, Crude	954.01	002.00	5	23.1690	0.22791	0.17400	5	23.1690	0.22791	0.17400
Protein, Auto Kjel-Foss	976.05	002.01	13	23.1099	0.25456	0.06847	13	23.1099	0.25456	0.06847
Protein, Semiauto Autoanalyzer	976.06	002.02	9	23.1168	0.46812	0.19737	8	23.0689	0.45277	0.12204
Protein, Copper Cat	984.13	002.04	5	23.2330	0.53377	0.06600	5	23.2330	0.53377	0.06600
Protein, Copper, Boric Acid		002.05	21	23.0133	0.41542	0.12220	20	23.0007	0.41763	0.10180
Protein, Combustion Nitrogen Analyzer	990.03	002.06	137	23.4958	0.33311	0.14910	131	23.4932	0.31869	0.12584
Protein, Cu/Ti	988.05	002.08	6	22.9541	0.58064	0.11855	5	22.8023	0.49758	0.05446
Protein, Block dig/distillation		002.10	8	23.2056	0.23344	0.16875	8	23.2056	0.23344	0.16875
Protein, NIR		002.11	4	23.3825	0.14309	0.15900	4	23.3825	0.14309	0.15900
Protein, Misc		002.99	4	23.2450	0.28000	0.08000	4	23.2450	0.28000	0.08000
Method Group 002.XX PCT			212	23.3612	0.39725	0.14092	203	23.3536	0.39024	0.11904
Fat, Eth Ext, Direct	920.39	003.00	33	4.83518	0.26919	0.09545	33	4.83518	0.26919	0.09545
Fat, Ind Eth Ext (13th ed), Indirect	920.39	003.01	1	4.60500	0.31820	0.45000	1	4.60500	0.31820	0.45000
Fat, Pet Ether		003.06	26	4.60712	0.21250	0.11115	25	4.59940	0.19549	0.08200
Fat, Soxtec, Eth Ext		003.09	24	4.73935	0.16915	0.08843	23	4.72446	0.14061	0.06410
Fat, Soxtec, Pet Ether		003.10	28	4.52355	0.15207	0.05531	26	4.54074	0.13466	0.03341
Fat, Hexane Ext.		003.12	4	4.90625	0.42952	0.04750	4	4.90625	0.42952	0.04750
Fat, Soxtec, Hexane Ext.		003.13	6	4.74925	0.27879	0.13683	6	4.74925	0.27879	0.13683
Fat, Ankom		003.14	14	4.62821	0.40989	0.15929	12	4.66417	0.41676	0.09500
Fat, Misc		003.99	8	4.75625	0.35741	0.05750	7	4.79143	0.36568	0.02571
Method Group 003.XX PCT			144	4.68972	0.27909	0.09626	137	4.69711	0.27046	0.07536
Fiber, Crude Asbestos Free	962.09	004.00	29	1.64681	0.28240	0.07651	28	1.64777	0.28637	0.06996
Fiber, Sing Filt		004.01	1	2.50000	0.28284	0.40000	1	2.50000	0.28284	0.40000
Fiber, Fritted Glass	978.10	004.03	3	1.74833	0.22058	0.15667	3	1.74833	0.22058	0.15667
Fiber, Fibertec		004.06	36	1.69038	0.26107	0.07297	35	1.68711	0.26220	0.06449
Fiber, ANKOM		004.07	38	1.61459	0.36107	0.11187	35	1.63884	0.35676	0.07660
Fiber, NIR		004.11	6	1.90641	0.54089	0.20638	6	2.13808	0.62391	0.09972
Fiber, Misc		004.99	3	1.80167	0.33570	0.23000	3	1.80167	0.33570	0.23000
Method Group 004.XX PCT			116	1.67719	0.33380	0.10254	110	1.68704	0.33192	0.08196
Ash, . . . . .	942.05	005.00	131	7.26552	0.09767	0.04082	123	7.26837	0.09028	0.03283
Ash, LECO		005.02	1	7.36500	0.00707	0.01000	1	7.36500	0.00707	0.01000
Ash, NIR		005.11	2	7.52843	0.07436	0.08055	2	7.52843	0.07436	0.08055

Feed Check Sample No. - 200829 Infant Pig Starter, Medicated  
 Association of American Feed Control Officials

- Pass 1 Results for 221 Labs - - Pass 2 Results for 220 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
Ash, Misc .....		005.99	17	7.28735	0.12310	0.05471	16	7.29781	0.11700	0.04688
Method Group 005.XX PCT			151	7.27212	0.10480	0.04270	142	7.27603	0.09836	0.03492
Sugar, TSI, Lane-Eynon (12th) .....	923.09	006.05	1	13.7450	0.00707	0.01000	1	13.7450	0.00707	0.01000
Fiber, Acid Detergent .....	973.18	008.02	14	2.47313	0.33001	0.12067	13	2.49683	0.32406	0.09380
Fiber, Acid Detergent-Hach .....		008.05	1	3.45000	0.07071	0.10000	1	3.45000	0.07071	0.10000
Fiber, Acid Detergent by ANKOM .....		008.08	21	2.34429	0.40460	0.14952	21	2.34429	0.40460	0.14952
Fiber, Acid Detergent Misc .....		008.99	5	2.66200	0.18873	0.16400	5	2.66200	0.18873	0.16400
Method Group 008.XX PCT			41	2.45400	0.39923	0.14023	40	2.46122	0.39982	0.13199
Fiber, Neutral Det-ENZ Pretreat .....		009.07	13	6.41962	1.24303	0.22231	13	6.41962	1.24303	0.22231
Fiber, Neutral Detergent by ANKOM .....		009.09	18	5.95417	0.64746	0.28389	17	5.98676	0.63489	0.23000
Fiber, Neutral Det Misc .....		009.99	3	6.69000	1.50933	0.20667	3	6.69000	1.50933	0.20667
Method Group 009.XX PCT			34	6.19706	1.01893	0.25353	33	6.22121	1.01928	0.22485
Moisture, Karl-Fischer .....	966.20	010.03	5	7.41647	0.84185	0.27506	5	7.41647	0.84185	0.27506
Moisture, NIR .....		010.11	6	8.75358	1.72733	0.28817	6	8.75358	1.72733	0.28817
Moisture, Misc .....		010.99	16	8.20896	1.04256	0.13391	15	8.33255	0.95029	0.10351
Method Group 010.XX PCT			27	8.18323	1.24913	0.19433	26	8.25354	1.21737	0.17911
Loss on Drying, 135 deg 2 hr .....	930.15	011.01	86	9.45592	0.42599	0.12016	81	9.47345	0.41407	0.09277
Loss on Drying, High Temp Methods, Misc		011.99	2	9.17500	0.34034	0.15000	2	9.17500	0.34034	0.15000
Method Group 011.XX PCT			88	9.44954	0.42552	0.12084	83	9.46626	0.41414	0.09414
Starch, Polarimetric (Ewers) .....		012.00	9	28.6833	3.42480	0.37111	9	28.6833	3.42480	0.37111
Starch, Megazyme .....		012.01	4	23.8025	0.64970	0.27500	4	23.8025	0.64970	0.27500
Starch, Enzymatic .....		012.03	2	24.7850	0.79454	0.25000	2	24.7850	0.79454	0.25000
Starch, YSI Analyzer .....		012.04	4	24.9875	1.29719	0.21000	4	24.9875	1.29719	0.21000
Starch, NIR .....		012.11	3	27.9983	4.79207	0.17667	3	27.9983	4.79207	0.17667
Method Group 012.XX PCT			22	26.6761	3.46757	0.28682	22	26.6761	3.46757	0.28682
Fat, Mojonier, Bak Ext .....	954.02	013.02	30	6.02847	0.43272	0.11773	29	6.04669	0.42230	0.09490
Fat, Soxtec-Acid Hydrolysis .....		013.10	17	5.47368	0.41960	0.14465	16	5.53603	0.33718	0.11719
Fat, Super Critical Fluid Extraction ..		013.11	1	5.92000	0.25456	0.36000	1	5.92000	0.25456	0.36000
Fat, NIR-Acid Hydrolysis .....		013.12	2	5.64750	1.20387	0.02500	2	5.64750	1.20387	0.02500
Fat, Pretreat or extended ext, misc ...		013.99	3	5.07500	0.54210	0.10333	3	5.07500	0.54210	0.10333
Method Group 013.XX PCT			53	5.78012	0.55828	0.12662	51	5.81119	0.53208	0.10484
Aluminum, ICP .....		015.00	10	153.665	20.8747	7.46600	9	156.461	19.5652	5.29556
Method Group 015.XX PPM			10	153.665	20.8747	7.46600	9	156.461	19.5652	5.29556
Arsenic, AA, Hydride .....		016.00	1	0.17900	0.00283	0.00400	1	0.17900	0.00283	0.00400
Boron, ICP .....		017.00	8	9.32063	1.20504	0.96375	8	9.32063	1.20504	0.96375
Boron, Misc .....		017.99	1	10.9000	0.00000	0.00000	1	10.9000	0.00000	0.00000
Method Group 017.XX PPM			9	9.49611	1.24183	0.85667	9	9.49611	1.24183	0.85667
Cadmium, AA .....		018.01	2	0.02100	0.02425	0.00000	2	0.02100	0.02425	0.00000
Cadmium, ICP .....		018.02	2	0.05188	0.01263	0.00825	2	0.05188	0.01263	0.00825

Feed Check Sample No. - 200829 Infant Pig Starter, Medicated  
 Association of American Feed Control Officials

- Pass 1 Results for 221 Labs - - Pass 2 Results for 220 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 018.XX PPM			4	0.03644	0.02434	0.00413	4	0.03644	0.02434	0.00413
Calcium, Ox-Mn04 Vol .....	927.02	019.00	15	0.88054	0.04952	0.01169	15	0.88054	0.04952	0.01169
Calcium, At Abs Spect .....	968.08	019.01	50	0.87333	0.03730	0.01526	48	0.87368	0.03568	0.01173
Calcium, Semiauto (Autoanalyzer) .....		019.03	7	0.91876	0.04101	0.02034	7	0.91876	0.04101	0.02034
Calcium, ICP, Dry Ash .....		019.05	38	0.86419	0.03925	0.01427	36	0.86790	0.03603	0.01223
Calcium, EDTA .....		019.08	4	0.88100	0.02503	0.02505	4	0.88100	0.02503	0.02505
Calcium, ICP, Wet Ash .....		019.09	26	0.89283	0.04584	0.02348	25	0.89134	0.04501	0.02042
Calcium, Misc .....		019.99	8	0.91395	0.06994	0.01563	7	0.92266	0.06985	0.01014
Method Group 019.XX PCT			148	0.87969	0.04520	0.01661	142	0.88089	0.04369	0.01410
Chromium, AA .....		020.00	2	2.54995	1.99714	0.45000	2	2.54995	1.99714	0.45000
Chromium, ICP .....		020.01	8	4.16091	1.07524	0.44431	7	4.15604	1.11091	0.27779
Chromium, Misc .....		020.99	1	4.92500	0.12021	0.17000	1	4.92500	0.12021	0.17000
Method Group 020.XX PPM			11	3.93747	1.37620	0.42041	10	3.91172	1.42035	0.30145
Cobalt, AA .....	968.08	021.01	4	0.94685	0.47448	0.11375	4	0.94685	0.47448	0.11375
Cobalt, ICP .....		021.02	11	0.87614	0.26006	0.04591	11	0.87614	0.26006	0.04591
Cobalt, Misc. ....		021.99	2	1.11975	0.37138	0.02250	2	1.11975	0.37138	0.02250
Method Group 021.XX PPM			17	0.92144	0.33109	0.05912	17	0.92144	0.33109	0.05912
Copper, AA .....	968.08	022.01	27	137.475	8.49746	3.53474	25	137.713	8.37114	2.61752
Copper, ICP, Dry Ash .....	968.08	022.03	27	131.319	12.7133	3.48778	25	131.395	12.7013	2.74680
Copper, ICP, Wet Ash .....	968.08	022.05	26	148.656	10.0347	3.70138	24	147.814	9.67029	2.71817
Copper, Misc .....		022.99	5	147.343	10.1221	3.53626	5	147.343	10.1221	3.53626
Method Group 022.XX PPM			85	139.520	12.7004	3.57089	79	139.392	12.3720	2.74716
Iron, AA .....	968.08	025.01	23	574.684	68.9315	15.6138	21	578.987	68.6353	8.62466
Iron, ICP, Dry Ash .....	968.08	025.03	29	642.112	59.0338	9.36914	28	643.169	59.7291	8.45375
Iron, ICP, Wet Ash .....	968.08	025.05	22	605.811	85.8592	25.4806	21	607.159	85.8740	19.0273
Iron, Misc .....		025.99	6	616.434	36.1830	19.7316	6	616.434	36.1830	19.7316
Method Group 025.XX PPM			80	610.818	73.6384	16.3723	76	613.374	73.1151	12.3130
Lead, .....		026.00	3	2.39333	0.17761	0.08000	3	2.39333	0.17761	0.08000
Lead, Misc .....		026.99	2	2.08113	0.21122	0.05025	2	2.08113	0.21122	0.05025
Method Group 026.XX PPM			5	2.26845	0.24164	0.06810	5	2.26845	0.24164	0.06810
Magnesium, AA .....	968.08	027.01	28	0.20190	0.02570	0.00448	27	0.20234	0.02601	0.00391
Magnesium, ICP, Dry Ash .....	968.08	027.03	32	0.21009	0.02483	0.00401	29	0.21045	0.02556	0.00236
Magnesium, ICP, Wet Ash .....	968.08	027.05	23	0.18110	0.01869	0.00719	21	0.18018	0.01879	0.00526
Magnesium, Misc. ....		027.99	3	0.17900	0.01539	0.00400	3	0.17900	0.01539	0.00400
Method Group 027.XX PCT			86	0.19859	0.02622	0.00501	80	0.19859	0.02680	0.00370
Manganese, AA .....	968.08	028.01	27	97.4642	11.4024	2.12343	27	96.0568	12.4858	1.90120
Manganese, ICP, Dry Ash .....	968.08	028.03	27	98.0906	6.04380	2.31000	27	98.0906	6.04380	2.31000
Manganese, ICP, Wet Ash .....	968.08	028.05	24	105.104	8.04473	3.60525	22	105.265	7.38550	2.35573
Manganese, Misc. ....		028.99	4	99.6571	6.39041	3.57518	4	99.6571	6.39041	3.57518

Feed Check Sample No. - 200829 Infant Pig Starter, Medicated  
 Association of American Feed Control Officials

- Pass 1 Results for 221 Labs - - Pass 2 Results for 220 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
<u>Method Group 028.XX PPM</u>			82	100.013	9.25097	2.68938	79	99.8474	9.13252	2.23834
Phosphorus, Vol .....	964.06	031.00	1	0.78700	0.00410	0.00580	1	0.78700	0.00410	0.00580
Phosphorus, Photometric .....	965.17	031.01	64	0.74523	0.02747	0.01025	62	0.74597	0.02726	0.00913
Phosphorus, GQMP (2.028) .....	964.06	031.02	5	0.74615	0.01453	0.01042	5	0.74615	0.01453	0.01042
Phosphorus, Autoanalyzer .....		031.03	10	0.72402	0.03029	0.01551	9	0.72447	0.03029	0.01057
Phosphorus, ICP .....		031.05	62	0.73339	0.03217	0.01427	57	0.73335	0.03113	0.00961
Phosphorus, Hach Method .....		031.06	3	0.74667	0.02733	0.01333	3	0.74667	0.02733	0.01333
Phosphorus, Misc .....		031.99	9	0.74633	0.03380	0.02333	9	0.74633	0.03380	0.02333
<u>Method Group 031.XX PCT</u>			154	0.73948	0.03049	0.01301	146	0.74004	0.02996	0.01039
Potassium, AA .....	975.03	032.01	32	1.12921	0.05985	0.01984	30	1.12782	0.06048	0.01583
Potassium, Flame Emission .....	956.01	032.02	11	1.14559	0.04639	0.02518	11	1.14559	0.04639	0.02518
Potassium, Em Spect .....	953.01	032.04	1	1.13500	0.00707	0.01000	1	1.13500	0.00707	0.01000
Potassium, ICP .....		032.05	59	1.13658	0.06122	0.02319	55	1.13524	0.06144	0.01761
Potassium, Misc .....		032.99	4	1.12775	0.04805	0.03950	4	1.12775	0.04805	0.03950
<u>Method Group 032.XX PCT</u>			107	1.13496	0.05858	0.02288	101	1.13387	0.05878	0.01870
Salt, Sol Cl .....	943.01	033.00	19	1.05442	0.06669	0.02685	19	1.05442	0.06669	0.02685
Salt, Poten Cl .....	969.10	033.01	32	1.10100	0.02463	0.01159	32	1.10100	0.02463	0.01159
Salt, Quantab .....		033.03	4	1.03000	0.06188	0.03000	4	1.03000	0.06188	0.03000
Salt, Ion Sel Electrode .....		033.05	1	1.14000	0.01414	0.02000	1	1.14000	0.01414	0.02000
Salt, Misc .....		033.99	8	1.04694	0.06012	0.01638	7	1.04650	0.06348	0.01014
<u>Method Group 033.XX PCT</u>			64	1.07659	0.05472	0.01800	63	1.07701	0.05492	0.01733
Selenium, Fluor .....	969.06	034.01	2	0.66100	0.02094	0.01600	2	0.66100	0.02094	0.01600
Selenium, AA, Hydride .....		034.04	8	0.59306	0.06808	0.03162	8	0.59306	0.06808	0.03162
Selenium, ICP .....		034.05	6	0.46350	0.28403	0.03033	7	0.57943	0.39407	0.03600
Selenium, Misc .....		034.99	2	0.40750	0.11177	0.04500	2	0.40750	0.11177	0.04500
<u>Method Group 034.XX PPM</u>			18	0.53681	0.18818	0.03094	18	0.53681	0.18818	0.03094
Sodium, AA .....		035.00	25	0.39091	0.02659	0.01047	25	0.39091	0.02659	0.01047
Sodium, Ion Sel Electrode .....		035.01	4	0.40819	0.01200	0.00772	4	0.40819	0.01200	0.00772
Sodium, ICP .....		035.03	47	0.38438	0.02293	0.01083	42	0.38190	0.02075	0.00737
Sodium, Flame Emission .....	956.01	035.05	11	0.39507	0.01572	0.00924	10	0.39283	0.01337	0.00646
Sodium, Misc .....		035.99	3	0.39717	0.01309	0.00967	3	0.39717	0.01309	0.00967
<u>Method Group 035.XX PCT</u>			90	0.38898	0.02327	0.01036	84	0.38768	0.02235	0.00828
Sulfur, (Gravimetric) .....		036.00	2	0.30000	0.03559	0.01000	2	0.30000	0.03559	0.01000
Sulfur, ICP .....		036.03	22	0.32929	0.03420	0.00806	21	0.32902	0.03484	0.00701
Sulfur, LECO .....		036.04	2	0.33750	0.02062	0.00500	2	0.33750	0.02062	0.00500
<u>Method Group 036.XX PCT</u>			26	0.32767	0.03400	0.00797	25	0.32738	0.03452	0.00709
Zinc, AA .....	968.08	037.01	31	3693.09	262.603	60.0338	29	3688.82	269.304	49.6914
Zinc, ICP, Dry Ash .....	968.08	037.03	30	3751.49	250.363	49.2118	29	3757.35	251.501	42.0467
Zinc, ICP, Wet Ash .....	968.08	037.05	26	3673.26	282.737	104.529	25	3680.15	283.939	94.3103

Feed Check Sample No. - 200829 Infant Pig Starter, Medicated  
 Association of American Feed Control Officials

- Pass 1 Results for 221 Labs - - Pass 2 Results for 220 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
Zinc, Misc		037.99	6	3793.20	241.823	51.2010	6	3793.20	241.823	51.2010
Method Group 037.XX PPM			93	3712.84	264.042	68.4126	89	3715.75	266.922	59.8356
Molybdenum, ICP		038.00	9	1.60981	0.37209	0.09606	9	1.60981	0.37209	0.09606
Molybdenum, Misc		038.99	1	1.75000	0.07071	0.10000	1	1.75000	0.07071	0.10000
Method Group 038.XX PPM			10	1.62383	0.35497	0.09645	10	1.62383	0.35497	0.09645
Nickel, AA		039.01	1	2.60000	0.00000	0.00000	1	2.60000	0.00000	0.00000
Nickel, ICP		039.02	5	3.29885	0.34053	0.16350	5	3.29885	0.34053	0.16350
Method Group 039.XX PPM			6	3.18238	0.41095	0.13625	6	3.18238	0.41095	0.13625
Barium, ICP		040.00	1	3.45500	0.00707	0.01000	1	3.45500	0.00707	0.01000
Vanadium, ICP		041.00	2	1.61850	0.13758	0.01750	2	1.61850	0.13758	0.01750
Method Group 041.XX PPM			2	1.61850	0.13758	0.01750	2	1.61850	0.13758	0.01750
Carbadox, Color	977.35	050.00	1	7.20500	0.13435	0.19000	1	7.20500	0.13435	0.19000
Chlorotetracycline, Plate	967.39	051.00	10	385.195	31.9441	20.5700	9	379.828	25.7114	14.3000
Chlorotetracycline, HPLC		051.03	12	343.865	50.3173	14.2800	11	341.610	50.5041	8.16455
Method Group 051.XX G/TON			22	362.651	47.3126	17.1391	20	358.808	45.0818	10.9255
Tiamulin,		086.00	3	32.9417	3.40475	0.54133	3	32.9417	3.40475	0.54133
Tiamulin, Misc		086.99	1	35.0500	0.07071	0.10000	1	35.0500	0.07071	0.10000
Method Group 086.XX G/TON			4	33.4688	3.03866	0.43100	4	33.4688	3.03866	0.43100
Choline Chloride, Chem		101.01	1	1300.50	3.53553	5.00000	1	1300.50	3.53553	5.00000
Riboflavin, Fluorometric	970.65	104.00	2	10.3075	0.98073	0.17500	2	10.3075	0.98073	0.17500
Riboflavin, Misc		104.99	1	12.3500	0.35355	0.50000	1	12.3500	0.35355	0.50000
Method Group 104.XX MG/LB			3	10.9883	1.30942	0.28333	3	10.9883	1.30942	0.28333
Thiamine,	942.23	105.01	1	2.73500	0.00707	0.01000	1	2.73500	0.00707	0.01000
Thiamine, Misc		105.99	1	2.80000	0.18385	0.26000	1	2.80000	0.18385	0.26000
Method Group 105.XX MG/LB			2	2.76750	0.11266	0.13500	2	2.76750	0.11266	0.13500
Vitamin A, Color	974.29	106.00	2	3.67250	0.69601	0.02500	2	3.67250	0.69601	0.02500
Vitamin A, HPLC		106.02	15	5.33597	1.27956	0.31522	14	5.28890	1.28706	0.20131
Method Group 106.XX KU/LB			17	5.14027	1.33372	0.28108	16	5.08685	1.33591	0.17927
Vitamin B12,	952.20	107.00	1	36.6000	3.39411	4.80000	1	36.6000	3.39411	4.80000
Vitamin E, HPLC		109.02	9	125.078	60.3696	6.12956	9	125.078	60.3696	6.12956
Vitamin E, Misc		109.99	1	248.500	2.12132	3.00000	1	248.500	2.12132	3.00000
Method Group 109.XX MG/KG			10	137.420	68.5873	5.81660	10	137.420	68.5873	5.81660
Pyridoxine, (Vitamin B6)	961.15	112.00	1	2496.50	19.0919	27.0000	1	2496.50	19.0919	27.0000
Folic Acid,	944.12	113.01	1	2.01500	0.23335	0.33000	1	2.01500	0.23335	0.33000
Biotin, Microbiological		114.01	2	0.24000	0.11760	0.01600	2	0.24000	0.11760	0.01600
Method Group 114.XX MG/KG			2	0.24000	0.11760	0.01600	2	0.24000	0.11760	0.01600
Alanine, Post-col Ninhydrin Der	994.12	120.00	12	1.27000	0.07429	0.01948	11	1.26819	0.07649	0.01397
Alanine, Pre-col AQC Der		120.05	2	1.22750	0.03403	0.04500	2	1.22750	0.03403	0.04500
Method Group 120.XX PCT			14	1.26393	0.07113	0.02312	13	1.26193	0.07265	0.01875

Feed Check Sample No. - 200829 Infant Pig Starter, Medicated  
 Association of American Feed Control Officials

- Pass 1 Results for 221 Labs - - Pass 2 Results for 220 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
Arginine, Post-col Ninhydrin Der .....	994.12	121.00	12	1.36102	0.04492	0.03772	11	1.36202	0.03985	0.02660
Arginine, Pre-col AQC Der .....		121.05	2	1.34500	0.02887	0.04000	2	1.34500	0.02887	0.04000
Method Group 121.XX PCT			14	1.35873	0.04294	0.03804	13	1.35940	0.03838	0.02866
Aspartic, Post-col Ninhydrin Der .....	994.12	122.00	12	2.20203	0.08154	0.02993	10	2.21393	0.07988	0.01292
Aspartic, Pre-col AQC Der .....		122.05	2	2.18750	0.17821	0.23500	2	2.18750	0.17821	0.23500
Method Group 122.XX PCT			14	2.19995	0.09602	0.05923	12	2.20953	0.09755	0.04993
Glutamic Acid, .....		123.00	1	3.93000	0.21213	0.30000	1	3.93000	0.21213	0.30000
Cysteine/Cystine, PAO Post-col Ninhydrin Der .....	994.12	124.00	11	0.37909	0.02211	0.00826	10	0.37850	0.02264	0.00609
Cysteine/Cystine, PAO Post-col OPA Der .....		124.02	1	0.36000	0.01414	0.02000	1	0.36000	0.01414	0.02000
Cysteine/Cystine, PAO Pre-col AQC Der .....		124.05	1	0.38000	0.00000	0.00000	1	0.38000	0.00000	0.00000
Method Group 124.XX PCT			13	0.37769	0.02111	0.00853	12	0.37708	0.02145	0.00674
Glutamic, Post-col Ninhydrin Der .....	994.12	125.00	11	3.59563	0.11143	0.02615	11	3.59563	0.11143	0.02615
Glutamic, Pre-col AQC Der .....		125.05	2	3.47500	0.20486	0.27000	2	3.47500	0.20486	0.27000
Method Group 125.XX PCT			13	3.57707	0.13204	0.06366	13	3.57707	0.13204	0.06366
Glycine, Post-col Ninhydrin Der .....	994.12	126.00	11	1.07224	0.02881	0.01915	10	1.07297	0.02797	0.01407
Glycine, Pre-col AQC Der .....		126.05	2	1.07000	0.00000	0.00000	2	1.07000	0.00000	0.00000
Method Group 126.XX PCT			13	1.07190	0.02642	0.01621	12	1.07247	0.02545	0.01172
Histidine, Post-col Ninhydrin Der .....	994.12	127.00	12	0.67856	0.02325	0.01006	12	0.67856	0.02325	0.01006
Histidine, Pre-col AQC Der .....		127.05	2	0.67250	0.00957	0.00500	2	0.67250	0.00957	0.00500
Method Group 127.XX PCT			14	0.67770	0.02181	0.00934	14	0.67770	0.02181	0.00934
Isoleucine, Post-col Ninhydrin Der ....	994.12	128.00	12	0.80587	0.04805	0.01180	11	0.80060	0.04625	0.00907
Isoleucine, Pre-col AQC Der .....		128.05	2	0.83250	0.00957	0.01500	2	0.83250	0.00957	0.01500
Method Group 128.XX PCT			14	0.80967	0.04547	0.01226	13	0.80551	0.04410	0.00998
Leucine, Post-col Ninhydrin Der .....	994.12	129.00	13	1.97730	0.08892	0.02187	13	1.97730	0.08892	0.02187
Leucine, Pre-col AQC Der .....		129.05	2	1.96750	0.03202	0.00500	2	1.96750	0.03202	0.00500
Method Group 129.XX PCT			15	1.97600	0.08327	0.01962	15	1.97600	0.08327	0.01962
L-Lysine, Post-col Ninhydrin Der .....	994.12	130.00	15	1.50754	0.07729	0.02771	13	1.50062	0.07027	0.01428
L-Lysine, Pre-col OPA Der .....		130.01	1	1.58500	0.03536	0.05000	1	1.58500	0.03536	0.05000
L-Lysine, Pre-col AQC Der .....		130.05	2	1.44500	0.06351	0.07000	2	1.44500	0.06351	0.07000
Method Group 130.XX PCT			18	1.50489	0.07819	0.03365	16	1.49894	0.07258	0.02348
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	11	0.56362	0.02489	0.00824	10	0.56148	0.02466	0.00606
Methionine, PAO Pre-col OPA Der .....		131.01	1	0.54000	0.00000	0.00000	1	0.54000	0.00000	0.00000
Methionine, PAO Post-col OPA Der .....		131.02	1	0.54500	0.02121	0.03000	1	0.54500	0.02121	0.03000
Methionine, PAO Pre-col AQC Der .....		131.05	2	0.53750	0.03862	0.03500	2	0.53750	0.03862	0.03500
Methionine, Misc .....		131.99	1	0.53500	0.00707	0.01000	1	0.53500	0.00707	0.01000
Method Group 131.XX PCT			16	0.55593	0.02680	0.01254	15	0.55399	0.02627	0.01137
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	12	1.12353	0.04120	0.01065	12	1.12353	0.04120	0.01065
Phenylalanine, Pre-col AQC Der .....		132.05	2	1.10750	0.01893	0.01500	2	1.10750	0.01893	0.01500
Method Group 132.XX PCT			14	1.12124	0.03897	0.01127	14	1.12124	0.03897	0.01127

Feed Check Sample No. - 200829 Infant Pig Starter, Medicated  
 Association of American Feed Control Officials

- Pass 1 Results for 221 Labs - - Pass 2 Results for 220 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
Proline, Post-col Ninhydrin Der .....	994.12	133.00	12	1.21971	0.07230	0.03291	12	1.21971	0.07230	0.03291
Proline, Pre-col AQC Der .....		133.05	2	1.17250	0.02630	0.00500	2	1.17250	0.02630	0.00500
Method Group 133.XX PCT			14	1.21297	0.06937	0.02892	14	1.21297	0.06937	0.02892
Serine, Post-col Ninhydrin Der .....	994.12	134.00	13	1.03602	0.06229	0.02261	13	1.03602	0.06229	0.02261
Serine, Pre-col AQC Der .....		134.05	2	1.04000	0.03916	0.03000	2	1.04000	0.03916	0.03000
Method Group 134.XX PCT			15	1.03655	0.05921	0.02359	15	1.03655	0.05921	0.02359
Threonine, Post-col Ninhydrin Der .....	994.12	135.00	14	1.05156	0.04082	0.02124	14	1.05156	0.04082	0.02124
Threonine, Pre-col AQC Der .....		135.05	2	1.01750	0.04425	0.01500	2	1.01750	0.04425	0.01500
Method Group 135.XX PCT			16	1.04730	0.04209	0.02046	16	1.04730	0.04209	0.02046
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	2	0.27183	0.04233	0.01825	2	0.27183	0.04233	0.01825
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	6	0.30092	0.03005	0.00480	6	0.30092	0.03005	0.00480
Tryptophan, Misc .....		136.99	2	0.26075	0.01491	0.01150	2	0.26075	0.01491	0.01150
Method Group 136.XX PCT			10	0.28707	0.03401	0.00883	10	0.28707	0.03401	0.00883
Tyrosine, Post-col Ninhydrin Der .....	994.12	137.00	10	0.74302	0.10378	0.03965	9	0.75446	0.09606	0.01961
Tyrosine, Pre-col AQC Der .....		137.05	2	0.72250	0.06076	0.00500	2	0.72250	0.06076	0.00500
Method Group 137.XX PCT			12	0.73960	0.09716	0.03387	11	0.74865	0.09031	0.01695
Valine, Post-col Ninhydrin Der .....	994.12	138.00	13	1.16140	0.10204	0.01650	12	1.15569	0.10391	0.01287
Valine, Pre-col AQC Der .....		138.05	2	1.21000	0.02449	0.01000	2	1.21000	0.02449	0.01000
Method Group 138.XX PCT			15	1.16788	0.09655	0.01563	14	1.16345	0.09818	0.01246
Taurine, Post-col Ninhydrin Der .....	994.12	139.00	1	0.09000	0.00000	0.00000	1	0.09000	0.00000	0.00000

## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 001.00	--	--	Method 001.07	--	--	Method 001.99	--	--	Method 002.02	--	--	Method 002.05	--
504	8.9800 s	5.06	089	8.1800	.37	672	8.2100	.20	048	25.420 s	5.24	083	22.815	-.45
844	8.2650	1.40	199	8.1750	.36	638	8.2200	.17	297	23.670	1.36	552	22.825	-.48
720	8.2300	1.20	592	8.1500	.32	405	8.1900	.15	307	23.500 R	1.30	722	22.769	-.68
784	8.0300	.46	413	8.1500	.32	Avg	8.1191		669	23.490	.93	622	22.650	-.84
309	8.0350	.38	048	8.0950	.17	676	8.0940	-.19	169	23.380	.72	620	22.574	-1.02
Avg	7.9617		049	8.0450	.10	729	7.9850	-.23	152	23.250	.41	689	22.400	-1.46
169	7.9300	-.17	Avg	8.0228		693	7.9550	-.27	Avg	23.069		621	22.355	-1.55
509	7.8600	-.45	035	8.0150	-.02	619	7.9000	-.36	036	22.896	-.38	625	22.345	-1.57
722	7.7435	-.98	098	7.9900	-.08	096	8.0000 R	-.85	033	22.850	-.54			
596	7.6000	-1.59	083	7.9750	-.13	853	7.6100	-.94	042	22.750	-.71	--	Method 002.06	--
029	7.2750 R	-3.39	679	8.0000	-.24	536	7.4000	-1.19	043	22.265	-1.78	527	26.460 s	9.31
560	0.0775 s	-34.76	171	7.8450	-.42	630	7.4000	-1.21	187	21.415 S	-3.67	554	26.420 s	9.20
			669	7.8250	-.47	541	6.7500	-2.27				692	24.830 s	4.41
--	Method 001.03	--	065	7.7890	-.55				--	Method 002.03	--	018	24.245 R	2.64
663	8.3700	1.42	187	7.7700	-.59	--	Method 002.00	--	536	20.770 S	.00	190	24.260	2.49
686	8.2100	.54	588	7.6650	-.84	199	23.390	1.08				179	24.250	2.46
Avg	8.1170		178	7.8000 R	-.87	679	23.400	1.02	--	Method 002.04	--	363	24.200	2.22
567	8.0850	-.31	015	7.6900	-.87	Avg	23.169		504	23.830	1.12	616	24.175	2.19
688	8.0500	-.46	689	7.6500	-.88	015	23.130	-.43	509	23.550	.60	781	24.110	1.94
731	7.8700	-1.37	074	7.6600 R	-.99	826	22.965	-.97	638	23.375	.27	737	24.110	1.94
			177	7.4750	-1.28	028	22.960	-1.08	Avg	23.233		511	24.095	1.89
--	Method 001.05	--	297	7.3950	-1.47				596	23.050	-.36	185	24.090	1.88
610	7.9000	.00	366	7.4000 R	-1.62	--	Method 002.01	--	405	22.360	-1.64	043	23.890 R	1.68
			038	7.2850	-1.73	723	23.355	.96				843	23.975	1.57
--	Method 001.07	--	353	7.3050	-1.74	350	23.352	.95	--	Method 002.05	--	712	23.950	1.54
307	9.0700	2.45	045	6.9850	-2.43	710	23.310	.79	651	23.770	1.84	590	23.975	1.53
142	8.9500	2.17	609	5.6500 s	-5.55	672	23.260	.60	852	23.700	1.69	780	23.755 R	1.41
014	8.4850	1.09	618	4.6800 s	-8.80	652	23.250	.58	849	23.395	.95	772	23.890	1.26
278	8.4250	.95				098	23.250	.58	674	23.265 R	.90	734	23.860	1.15
559	8.3750	.83	--	Method 001.08	--	607	23.132	.45	663	23.360	.86	035	23.840	1.10
004	8.2900	.72	590	8.0150	.71	716	23.150	.25	847	23.315	.78	121	23.840	1.09
616	8.2500	.64				043	23.125	.06	178	23.300	.72	759	23.835	1.07
550	8.2725	.59	--	Method 001.99	--	Avg	23.110		354	23.235	.56	754	23.820	1.05
607	8.2525	.54	665	9.2250	1.83	731	23.045	-.26	179	23.130	.51	263	23.813	1.02
653	8.2350	.50	615	8.8900	1.32	848	22.910	-.79	633	23.127	.30	014	23.795	.99
139	8.2050	.43	788	8.6200	.83	653	22.850	-1.03	596	23.050	.17	029	23.800	.97
849	8.1950	.40	505	8.5800	.77	662	22.440	-2.64	177	23.045	.14	001	23.780	.96
571	8.1850	.38	662	8.5313	.74	714	20.425 s	-10.55	Avg	23.001		812	23.800	.96
675	8.1750	.37	357	8.4650	.57	717	18.867 s	-16.92	194	22.855	-.35	574	23.780	.94

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



## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 002.06	--	--	Method 002.06	--	--	Method 002.06	--	--	Method 002.08	--	--	Method 003.00	--
676	23.750	.93	106	23.510	.06	821	23.455	-.69	062	23.714 R	1.88	509	5.5300	2.58
645	23.775	.92	810	23.500	.04	358	23.270	-.70	610	23.350	1.11	596	5.3500	1.99
784	23.725	.89	Avg	23.493		529	23.265	-.72	855	23.275	.95	563	5.2750	1.64
646	23.765	.86	089	23.485	-.03	720	23.260	-.73	Avg	22.802		015	5.1250	1.17
673	23.750	.82	037	23.480	-.05	010	23.265	-.74	208	22.800	.00	726	5.0328	.75
148	23.745	.79	682	23.470	-.07	588	23.260	-.76	160	22.475	-.67	033	4.9950	.73
233	23.725	.76	417	23.470	-.08	857	23.250	-.77	563	22.111	-1.39	035	5.0150	.67
647	23.600	.74	571	23.478	-.09	039	23.249	-.77				849	4.9800	.61
573	23.495	.74	036	23.460	-.10	804	23.210	-.98	--	Method 002.10	--	179	4.9400	.47
199	23.650	.68	038	23.485	-.11	006	23.189	-.99	629	23.600	1.69	307	4.9000	.44
096	23.580	.66	265	23.481	-.13	353	23.170	-1.03	727	23.370	.98	512	4.8810	.44
202	23.670	.62	354	23.450	-.14	541	23.280 R	-1.10	619	23.300	.40	039	4.9531	.44
122	23.660	.59	337	23.485	-.14	100	23.135	-1.13	675	23.210	.26	017	4.8950	.30
650	23.655	.57	726	23.447	-.17	074	23.140	-1.18	Avg	23.206		190	4.9100	.28
171	23.650	.52	017	23.440	-.18	512	23.115	-1.19	596	23.050	-.70	354	4.8700	.13
413	23.550	.50	598	23.455	-.19	119	23.120	-1.20	546	23.000	-.89	194	4.8650	.12
853	23.640	.47	630	23.430	-.20	592	23.110	-1.21	688	23.100	-.97	139	4.8500	.06
294	23.640	.46	278	23.450	-.21	139	23.105	-1.22	729	23.015	-1.11	Avg	4.8352	
175	23.600	.46	788	23.430	-.23	539	23.245 R	-1.26				265	4.8000	-.13
505	23.600	.44	013	23.410	-.26	042	23.095	-1.28	--	Method 002.11	--	048	4.8000	-.14
790	23.584	.44	144	23.405	-.28	596	23.050	-1.40	567	23.550	1.22	175	4.8350	-.20
504	23.625	.43	298	23.380	-.36	559	23.040	-1.44	727	23.385	.37	132	4.7350	-.38
615	23.585	.41	034	23.370	-.39	009	23.040	-1.44	Avg	23.383		309	4.8092	-.42
670	23.605	.35	366	23.400	-.43	132	22.995	-1.60	731	23.315	-.93	164	4.7200	-.43
672	23.600	.34	567	23.350	-.48	004	22.980	-1.62	297	23.280	-1.00	353	4.7300	-.45
824	23.600	.34	619	23.350	-.48	027	23.010	-1.63	665	20.375 S	-21.23	848	4.7250	-.54
003	23.530	.33	142	23.350	-.48	242	22.970	-1.67	724	20.020 S	-23.50	187	4.6600	-.66
047	23.500	.31	510	23.350	-.48	687	22.950	-1.71	178	18.850 S	-31.68	152	4.6000	-.87
745	23.585	.29	205	23.385	-.50	686	22.950	-1.74	588	16.590 S	-47.48	615	4.6050	-.93
138	23.580	.29	049	23.353	-.54	226	22.950	-1.77				300	4.5450	-1.08
026	23.570	.27	300	23.330	-.56	626	22.895	-1.88	--	Method 002.99	--	026	4.4450	-1.45
618	23.575	.26	660	23.355	-.56	309	22.912 R	-2.02	305	23.640	1.41	337	4.4350	-1.49
610	23.550	.24	229	23.310	-.58	674	22.825	-2.10	693	23.300	.41	616	4.4500	-1.52
108	23.565	.23	357	23.315	-.60	550	22.753	-2.33	Avg	23.245		142	4.3000	-1.99
164	23.565	.23	160	23.310	-.60	168	22.375 s	-3.56	643	23.055	-.69	527	2.7150 s	-7.88
065	23.554	.21	609	23.300	-.62	425	18.490 s	-15.70	724	22.985	-.93			
407	23.545	.17	098	23.350	-.65				613	20.145 S	-11.08			
520	23.545	.16	011	23.355	-.65									
019	23.530	.12	553	23.341	-.66									

\* 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 003.01 --		--	Method 003.09 --		--	Method 003.10 --		--	Method 003.13 --		--	Method 004.00 --	
504	4.6050	-.71	717	5.0820 R	3.43	679	4.5900	.37	011	5.2300	1.79	353	3.7250 s	7.25
			358	4.9550	1.75	098	4.5600	.26	646	4.8900	.51	425	2.6000 s	3.33
--	Method 003.06 --		510	4.9500	1.64	728	4.5600	.26	Avg	4.7493		855	2.3600	2.51
852	5.5000 s	4.64	098	4.9350	1.61	598	4.5650	.26	205	4.7405	-.06	596	2.1500	1.76
688	5.2500 s	3.34	505	4.8050	.57	062	4.5565	.13	660	4.6050	-.53	164	2.0500	1.42
588	5.2400 s	3.32	638	4.8000	.54	Avg	4.5407		028	4.5550	-.79	563	1.9332	1.00
621	5.1750	2.95	673	4.8000	.54	034	4.5300	-.08	553	4.4750	-1.07	337	1.9150	.93
574	4.8000 R	2.38	630	4.7950	.51	089	4.5100	-.24				190	1.8650	.76
552	4.7750	.91	354	4.7750	.44	119	4.4800	-.46	--	Method 003.14 --		511	1.8500	.73
009	4.7700	.88	029	4.7700	.39	573	4.4775	-.47	843	5.5450	2.12	265	1.8000	.64
003	4.7000	.63	027	4.7350	.33	855	4.4550	-.65	407	5.3100	1.55	208	1.7750	.50
511	4.7050	.57	350	4.7280	.05	618	4.4550	-.72	413	5.0500	.93	509	1.7300	.29
559	4.6650	.55	Avg	4.7245		242	4.4100	-1.02	019	4.7000	.44	559	1.6550	.03
229	4.6900	.53	263	4.7200	-.03	607	4.3494	-1.42	Avg	4.6642		Avg	1.6478	
625	4.6650	.47	001	4.7200	-.15	651	4.3345	-1.53	049	4.6550	-.04	199	1.6350	-.05
669	4.6600	.37	226	4.7000	-.17	202	4.3250	-1.61	144	4.5150	-.37	298	1.6300	-.07
083	4.6500	.36	722	4.7032	-.19	727	4.3450 R	-2.16	550	4.4900	-.42	171	1.6100	-.15
294	4.6400	.29	723	4.6950	-.21	160	4.2400	-2.24	278	4.4500	-.53	510	1.6000	-.17
847	4.6200	.23	675	4.7000	-.40	720	4.2550 R	-2.32	686	4.3950	-.65	354	1.5950	-.19
199	4.6400	.21	013	4.6250	-.75	045	4.0000 s	-6.57	185	4.3450	-.77	015	1.5900	-.20
297	4.6050	.08	633	4.6173	-.78				108	4.4950 R	-.77	194	1.5650	-.29
148	4.6100	.05	620	4.6236	-.78	--	Method 003.11 --		529	4.2650	-.96	175	1.5300	-.42
Avg	4.5994		590	4.6250	-.89	178	6.9500 S	.00	175	4.2500	-1.00	309	1.6200 R	-.46
425	4.5700	-.15	674	4.5550	-1.32	567	6.3800 S	.00	853	4.3300 R	-1.03	726	1.5394	-.48
305	4.5600	-.25	651	4.3305	-2.82	588	6.6850 S	.00	847	3.9550 S	-2.12	647	1.5550	-.49
682	4.5300	-.35				665	6.9400 S	.00				169	1.4750	-.61
689	4.5500	-.36	--	Method 003.10 --		724	6.4650 S	.00	--	Method 003.99 --		226	1.4500	-.71
567	4.5500	-.40	609	7.4400 s	21.53	727	6.3733 S	.00	712	5.0650 S	2.25	034	1.4300	-.76
122	4.5000	-1.01	366	4.9500 s	3.56	731	6.0200 S	.00	724	5.5000	1.94	009	1.4150	-.83
074	4.3500	-1.28	623	4.8065	1.98	Avg	0.0000		737	4.9700	.49	504	1.1800	-1.64
185	4.3250	-1.44	178	4.7000	1.18				047	4.8700	.22	132	1.1500	-1.74
731	4.3000	-1.55	672	4.7000	1.18	--	Method 003.12 --		Avg	4.7914		048	1.1050	-1.92
647	4.1800	-2.15	619	4.6750	1.00	670	5.3250	.98	536	4.7350	-.18			
			100	4.6650	.94	357	5.2000	.68	693	4.6150	-.48	--	Method 004.01 --	
			233	4.6500	.82	Avg	4.9063		546	4.5350	-.70	366	2.5000	.71
--	Method 003.09 --		298	4.6400	.74	171	4.8000	-.25	788	4.5100 R	-.86			
121	6.4750 s	12.47	208	4.6250	.64	520	4.3000	-1.42	710	4.3150	-1.30			
554	6.2050 s	10.53	363	4.6100	.54									
004	5.3000 s	4.36	042	4.5900	.43									
714	5.1840 s	4.31												

\* 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 004.03 --			-- Method 004.06 --			-- Method 004.07 --			-- Method 005.00 --			-- Method 005.00 --		
045	1.9000	1.14	723	1.4300	-.99	035	1.4100	-.64	592	7.4050	1.51	407	7.2950	.40
679	1.8250	.35	178	1.4000	-1.09	144	1.3950	-.68	849	7.4050	1.51	142	7.3000	.35
Avg	1.7483		610	1.3500	-1.30	013	1.3600	-.79	413	7.4000	1.46	297	7.3000	.35
619	1.5200	-1.04	731	1.3450	-1.30	505	1.2900	-.98	672	7.4000	1.46	357	7.3000	.35
			598	1.0100	-2.58	536	1.3600 R	-1.01	619	7.3900	1.46	045	7.3000	.35
						520	1.4200 R	-1.13	712	7.3050 R	1.23	505	7.2900	.33
-- Method 004.06 --			-- Method 004.07 --			553	1.2150 R	-1.33	004	7.3700	1.13	035	7.2950	.30
552	3.1100 s	5.44	019	2.9900 s	3.79	160	1.0750	-1.58	723	7.3700	1.13	187	7.2750	.29
676	2.1750	1.88	011	2.8100 s	3.31	100	0.9100	-2.04	202	7.3650	1.11	100	7.2850	.25
609	2.1550	1.78	004	2.7150 s	3.04	242	0.8050	-2.35	688	7.3500	1.06	164	7.2850	.19
675	2.0550	1.43	407	2.4950	2.41	-- Method 004.11 --			852	7.3500	1.06	121	7.2690	.18
638	2.0500	1.40	643	2.4000	2.17	731	2.9500 S	1.30	029	7.3600	1.04	550	7.2775	.13
621	1.9750	1.12	089	2.3550	2.01	727	2.5335	.63	855	7.3550	1.00	722	7.2776	.12
625	1.9800	1.12	121	1.9595	.91	567	2.3800	.49	729	7.3550	.97	Avg	7.2684	
588	1.9750	1.10	669	1.9600	.91	178	2.1500	.08	119	7.3550	.97	661	7.2650	-.07
722	1.9631	1.05	610	1.9000	.78	Avg	1.9757		185	7.3500	.90	784	7.2650	-.07
716	1.9300	.93	185	1.8700	.65	665	1.6900	-.72	731	7.3450	.85	048	7.2650	-.07
098	1.8050 R	.84	028	1.8500	.61	588	1.5600 R	-1.07	132	7.3450	.85	651	7.2600	-.15
205	1.8900	.81	278	1.8500	.61	724	1.1250	-1.62	588	7.3400	.80	848	7.2650	-.17
029	1.8750	.72	554	1.7500	.34	-- Method 004.99 --			065	7.3350	.74	171	7.2550	-.22
354	1.7900	.39	033	1.7400	.29	613	1.9950	1.00	363	7.3350	.74	294	7.2550	-.22
672	1.7000	.38	074	1.7350	.27	693	1.9750	.55	567	7.3250	.69	205	7.2530	-.22
674	1.7050	.18	294	1.7050	.19	Avg	1.8017		621	7.3200	.66	298	7.2500	-.23
849	1.7100	.10	682	1.7000	.17	724	1.4350	-1.09	669	7.3250	.65	278	7.2500	-.23
673	1.7000	.05	686	1.6750	.14	-- Method 005.00 --			620	7.3241	.62	175	7.2600	-.24
Avg	1.6871		708	1.6400	.03	108	10.395 s	34.66	350	7.3202	.61	616	7.2450	-.26
350	1.6407	-.18	Avg	1.6388		307	8.1000 s	10.92	633	7.3224	.60	686	7.2450	-.26
027	1.6550	-.18	026	1.6200	-.05	226	7.6500 s	4.26	038	7.3200	.57	643	7.2500	-.30
688	1.6500	-.24	592	1.6150	-.14	676	7.5505 s	3.24	148	7.3200	.57	772	7.2500	-.30
670	1.6400	-.32	567	1.6050	-.16	504	7.5350	2.96	653	7.3150	.54	650	7.2550	-.31
710	1.5850	-.39	300	1.6300	-.17	682	7.5300	2.90	689	7.3100	.51	563	7.2550	-.31
620	1.5788	-.44	122	1.5500	-.27	726	7.5034 A	2.70	062	7.3055	.50	559	7.2400	-.33
848	1.5750	-.46	098	1.5500	-.30	720	7.4800	2.34	015	7.3050	.49	098	7.2300	-.44
633	1.5583	-.49	096	1.6000	-.30	679	7.4300	1.80	646	7.3000	.48	139	7.2300	-.44
512	1.5295	-.61	413	1.5000	-.39	337	7.4100	1.57	710	7.3100	.47	670	7.2250	-.48
653	1.5250	-.63	529	1.4950	-.40	629	7.4050	1.54	675	7.3100	.47	033	7.2250	-.48
607	1.5235	-.65	042	1.4750	-.48				622	7.3080	.44	354	7.2250	-.48
590	1.5200	-.69	307	1.4500	-.55				242	7.3050	.44	194	7.2250	-.51
720	1.4550	-.89	229	1.4400	-.58				229	7.3050	.41	160	7.2250	-.51
689	1.4500	-.92												

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 005.00	--	--	Method 005.00	--	--	Method 005.99	--	--	Method 008.08	--	--	Method 009.07	--
300	7.2550	-.52	780	7.1400	-1.49	652	7.3500	.62	001	3.3550	2.52	179	8.5100	1.68
623	7.2216	-.52	781	7.1200	-1.68	574	7.3350	.34	592	2.8150	1.19	045	7.8500	1.18
510	7.2200	-.54	019	7.1100	-1.81	Avg	7.2978		354	2.7450	1.01	083	7.3500	.75
144	7.2200	-.55	853	7.0650	-2.33	546	7.2900	-.07	106	2.7300	.97	226	7.3000	.71
083	7.2250	-.55	804	7.0500	-2.42	663	7.2650	-.31	357	2.6500	.77	098	6.8750	.43
647	7.2500	-.59	821	7.0350	-2.59	693	7.2550	-.42	278	2.5000	.63	309	6.7850	.39
366	7.2500	-.59	630	7.0300 R	-2.75	536	7.2300	-.59	294	2.5200	.43	297	6.7700	.28
552	7.2150	-.59	305	7.0350 s	-2.83	613	7.1400	-1.41	037	2.5100	.41	307	6.6500	.19
625	7.2150	-.59	615	7.0050 A	-2.94	208	7.1200 R	-1.70	033	2.3450	.31	Avg	6.4196	
034	7.2100	-.65	001	7.0100 s	-3.00	122	7.0900	-1.78	164	2.3500	.12	675	5.9600	-.38
199	7.2100	-.66	417	7.0200 s	-3.16	826	7.0800	-1.88	Avg	2.3443		663	5.3100	-.89
590	7.2650	-.72	607	6.7793 s	-5.62	--	Method 006.05	--	049	2.2800	-.18	353	4.9000	-1.22
754	7.2100	-.73	810	6.7100 s	-6.22	710	13.745	-.71	026	2.2650	-.20	187	4.6800	-1.40
520	7.2100	-.73	618	6.6825 s	-6.54	--	Method 008.02	--	536	2.2550	-.32	038	4.5150	-1.53
179	7.2010	-.75	425	4.9050 s	-26.18	527	12.170 s	29.85	646	2.3350	-.33	--	Method 009.09	--
734	7.2000	-.76	--	Method 005.02	--	226	3.7000 s	3.71	413	2.2500	-.44	164	7.3500	2.15
265	7.2000	-.76	610	7.3650	.71	148	2.9000	1.24	510	2.1500	-.50	265	7.1500	1.96
529	7.2000	-.76	--	Method 005.03	--	187	2.8450	1.07	004	2.0950	-.65	592	6.4500	.74
353	7.2200	-.85	737	6.6600 S	.00	098	2.7500	.78	653	1.8000	-1.35	354	6.3900	.68
539	7.1950	-.86	--	Method 005.11	--	309	2.6830	.59	686	1.7600	-1.44	510	6.3000	.49
598	7.1900	-.88	727	7.5719	1.06	179	2.6300	.41	160	1.7600	-1.44	049	6.2150	.47
609	7.2000	-.88	Avg	7.5284		038	2.5250	.22	185	1.7600	-1.48	357	6.2000	.34
596	7.2000	-.88	731	7.4850	-.62	038	2.5250	.22	--	Method 008.99	--	294	6.0800	.15
089	7.1800	-.98	588	6.8250 S	-9.51	675	2.5400	.20	297	2.8200	.84	Avg	5.9868	
660	7.2250 R	-1.06	724	5.8250 S	-22.91	035	2.5450	.17	358	2.7650	.56	536	5.9700	-.27
138	7.1750	-1.07	178	5.5500 S	-26.62	Avg	2.4968		307	2.7000	.20	037	5.6850	-.50
358	7.2450 R	-1.08	665	4.5050 S	-40.66	726	2.3908	-.45	Avg	2.6620		646	5.6000	-.64
674	7.2600 R	-1.11	--	Method 005.99	--	083	2.3500	-.48	613	2.5350	-1.06	106	5.5750	-.67
759	7.1600	-1.21	727	7.4500	1.30	504	2.3350	-.53	693	2.4900	-1.52	653	5.5000	-.77
745	7.1650	-1.21	673	7.4000	.87	045	2.3500	-.65	--	Method 009.04	--	160	5.4950	-.78
309	7.1550	-1.26	716	7.4000	.87	353	2.1650 R	-1.25	686	5.3300	-1.04	686	5.3300	-1.04
026	7.1550	-1.27	096	7.4000	.87	619	1.6150	-2.72	504	11.255 S	.00	413	5.3000	-1.13
541	7.1600	-1.28	847	7.3800	.87	405	1.2800 s	-3.76	726	10.184 S	.00	185	5.1850	-1.30
178	7.2000 R	-1.34	724	7.3250	.68	--	Method 008.05	--	Avg	0.0000		278	5.4000 R	-1.32
027	7.1450	-1.37	728	7.3750	.67	265	3.4500	-.71						
645	7.1500	-1.42												
152	7.1500	-1.42												
049	7.1400	-1.46												
812	7.1350	-1.49												

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

## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 009.99	--	--	Method 010.99	--	--	Method 011.01	--	--	Method 011.01	--	--	Method 012.01	--
619	10.200 S	2.33	337	6.8350	-1.58	309	9.5750	.32	062	9.0230	-1.09	510	23.050	-1.16
613	8.5850	1.27	712	6.3550 R	-2.10	148	9.5850	.28	202	9.0200	-1.10			
Avg	6.6900					164	9.5850	.27	098	8.9750	-1.20	--	Method 012.03	--
693	6.0950	-.39	--	Method 011.01	--	132	9.5700	.24	160	8.9300	-1.31	098	25.450	.89
643	5.3900	-.86	643	11.350 s	4.53	171	9.5300	.24	598	8.8600	-1.48	Avg	24.785	
			305	10.530	2.56	675	9.5650	.23	298	8.7900	-1.65	297	24.120	-.84
--	Method 010.03	--	810	10.430	2.36	100	9.5250	.22	226	8.8000 R	-1.70	--	Method 012.04	--
618	8.2474	1.03	108	10.395	2.25	122	9.5250	.17	645	8.7500	-1.75	106	27.000	1.55
843	7.7400	.39	185	10.055	1.40	781	9.5300	.15	152	8.7000	-1.87	Avg	24.988	
826	7.6950	.37	573	10.018	1.39	138	9.5250	.14	229	8.6700	-1.94	353	24.790	-.26
027	7.4650	.23	407	10.025	1.33	633	9.5130	.10	623	8.5896	-2.13	278	24.250	-.58
Avg	7.4165		780	9.9800	1.25	563	9.4750	.06	574	8.5550 R	-2.45	160	23.910	-.83
546	5.9350	-1.76	737	9.9550	1.16	354	9.4750	.04	660	8.4450	-2.50			
			552	9.9000	1.06	Avg	9.4734		363	8.3750	-2.65	--	Method 012.11	--
--	Method 010.11	--	559	9.8750	1.04	670	9.4450	-.07	294	8.0800 s	-3.37	588	31.640	.76
567	10.450	.99	646	9.8500	.91	622	9.4466	-.07				731	30.505	.52
731	10.350	.93	205	9.8180	.83	539	9.4400	-.13	--	Method 011.99	--	Avg	27.998	
727	10.232	.86	772	9.7500	.81	033	9.4200	-.13	857	9.4500	.92	178	21.850	-1.28
Avg	8.7536		596	9.8000	.79	710	9.4150	-.14	Avg	9.1750				
588	7.9300	-.54	812	9.7900	.76	119	9.4100	-.16	265	8.9000	-.81	--	Method 012.99	--
178	7.0000	-1.02	121	9.7615	.73	350	9.3829	-.22	727	5.6450 S	-10.38	619	48.200 S	.00
724	6.5600	-1.27	242	9.7700	.72	647	9.4100	-.23						
			541	9.4850 R	.71	194	9.3700	-.25	--	Method 012.00	--			
--	Method 010.99	--	358	9.5750 R	.64	651	9.3345	-.35	613	33.685	1.46	--	Method 013.02	--
717	10.830	2.63	734	9.7300	.63	034	9.3250	-.36	354	32.065	1.00	810	7.1550	2.63
621	9.3550	1.08	804	9.7150	.63	723	9.3200	-.37	689	31.550	.84	826	6.6500	1.43
714	9.2250	.94	745	9.7300	.62	682	9.3200	-.37	178	31.450	.81	759	6.5300	1.16
726	8.7133	.40	754	9.7000	.55	722	9.3254	-.37	Avg	28.683		804	6.5100	1.15
724	8.5000	.18	300	9.6850	.53	179	9.2950	-.43	567	27.100	-.46	121	6.4750	1.04
417	8.4100	.16	233	9.6800	.50	511	9.2950	-.45	716	26.900	-.52	790	6.4100	.89
Avg	8.3326		625	9.6400	.47	620	9.3120	-.56	559	26.050	-.77	065	6.3340	.68
037	8.2550	-.08	855	9.6650	.46	847	9.4450 R	-.57	672	25.700	-.87	812	6.1900	.56
716	8.1500	-.20	824	9.6500	.44	026	9.2200	-.61	673	23.650	-1.47	734	6.2200	.41
673	8.1000	-.24	848	9.6500	.44	843	9.2200	-.61				171	6.2050	.39
652	8.2000	-.25	790	9.6350	.43	759	9.2150	-.62	--	Method 012.01	--	033	6.1450	.25
852	8.0500	-.30	520	9.6500	.43	821	9.2200	-.69	179	24.670	1.45	772	6.1450	.24
529	7.4800	-.90	208	9.6000	.39	650	9.1700	-.74	Avg	23.803		643	6.1300	.21
527	7.4450	-.93	510	9.6000	.39	674	9.1700	-.81	185	23.750	-.09	100	6.1350	.21
168	7.4400	-.95	144	9.6300	.38	175	9.1000	-.93	686	23.740	-.19	164	6.0750	.13

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

## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 013.02	--	--	Method 013.11	--	--	Method 017.00	--	--	Method 019.01	--	--	Method 019.01	--
650	6.0850	.10	417	5.9200	.71	358	7.8400	-1.23	139	0.9400	1.91	305	0.8400	-.94
Avg	6.0467								529	0.9300	1.58	669	0.8405	-.97
148	6.0100	-.09	--	Method 013.12	--	--	Method 017.99	--	019	0.9050 R	1.54	731	0.8350	-1.09
645	6.0000	-.11	731	6.6900	.87	307	10.900	.00	018	0.9255	1.48	122	0.8300	-1.22
208	5.9850	-.15	Avg	5.6475					035	0.9150	1.17	612	0.8250	-1.37
354	5.8600	-.44	588	4.6050	-.87	--	Method 018.01	--	619	0.9090	1.05	710	0.8150	-1.65
675	5.8350	-.56				716	0.0420	.87	098	0.9050	.89	065	0.8144	-1.66
745	5.8150	-.58	--	Method 013.99	--	Avg	0.0210		674	0.9050	.89	142	0.8150	-1.70
824	5.6500	-.95	855	5.5700	.91	619	0.0000	-.87	354	0.9050	.89	278	0.8250 R	-2.06
754	5.5750	-1.13	689	5.2500	.34				722	0.9005	.77	108	0.7950	-2.25
229	5.5800	-1.13	Avg	5.0750		--	Method 018.02	--	034	0.9000	.74			
337	5.5350	-1.21	613	4.4050	-1.25	154	0.0620	.86	687	0.8950	.61	--	Method 019.03	--
026	5.4750	-1.35	106	3.4500 S	-3.03	Avg	0.0519		169	0.8900	.46	048	0.9800	1.66
169	5.4200	-1.49				011	0.0418	-.87	178	0.8900	.46	036	0.9563	.92
780	5.5000 R	-1.59	--	Method 015.00	--				205	0.8785	.30	307	0.9250	.40
616	5.2200	-1.96	164	198.00	2.13	--	Method 019.00	--	563	0.8823	.25	Avg	0.9188	
848	4.1450 s	-4.54	520	173.50	.89	716	1.1000 S	4.43	588	0.8810	.21	043	0.9100	-.21
			616	159.50	.16	552	1.0750 S	3.93	263	0.8791	.15	686	0.9100	-.53
			Avg	156.46		689	0.9700	1.82	026	0.8750	.14	033	0.8850	-.82
--	Method 013.10	--	154	155.00	-.09	623	0.9531	1.47	670	0.8750	.14	026	0.8650	-1.32
714	10.764 s	16.49	011	153.89	-.17	646	0.9450	1.31	Avg	0.8737				
185	6.2700	2.18	169	148.50	-.41	621	0.9150	.76	723	0.8730	-.03	--	Method 019.05	--
660	6.1550	1.85	353	148.50	-.71	849	0.9150	.70	001	0.8730	-.03	208	1.0455 s	4.93
160	6.0100	1.41	049	141.27	-.79	194	0.8950	.31	653	0.8735	-.07	242	0.9500	2.28
539	5.5450	.25	510	130.00	-1.35	Avg	0.8805		536	0.8655	-.23	004	0.9285	1.74
353	5.5600	.25	560	128.50 R	-1.59	043	0.8800	-.01	014	0.8655	-.28	413	0.9250	1.64
Avg	5.5360					679	0.8700	-.29	363	0.8650	-.28	029	0.9218	1.50
663	5.5250	-.04	--	Method 016.00	--	625	0.8650	-.33	505	0.8650	-.28	425	0.9200	1.45
688	5.5000	-.11	619	0.1790	.71	622	0.8517	-.60	638	0.8700	-.30	226	0.9000	.93
653	5.4700	-.20				647	0.8400	-.84	036	0.8629	-.31	407	0.9000	.89
673	5.5000	-.32	--	Method 017.00	--	175	0.8350	-.93	350	0.8682	-.31	510	0.9000	.89
672	5.4000	-.50	353	10.680	1.52	620	0.8333	-.95	675	0.8600	-.38	598	0.9000	.89
652	5.4500	-.51	294	10.400	.93	651	0.8325	-.98	208	0.8640	-.39	171	0.8850	.63
716	5.3350	-.60	560	9.8550	.63	633	0.8075	-1.48	038	0.8630	-.41	550	0.8855	.49
062	5.3015	-.71	049	9.7850	.48				233	0.8600	-.47	164	0.8785	.29
177	5.2650	-.81	Avg	9.3206		--	Method 019.01	--	039	0.8554	-.52	520	0.8700	.28
096	5.2400	-.88	693	9.0400	-.39	720	1.0400 s	4.66	650	0.8600	-.68	074	0.8700	.28
610	5.0500	-1.51	045	9.0000	-.87	152	0.9550	2.28	307	0.8500	-.72	298	0.8700	.28
717	4.4760 R	-3.26	510	7.9650	-1.13	609	0.9450	2.00	013	0.8520	-.74	049	0.8750	.24

\* 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 019.05	--	--	Method 019.09	--	--	Method 020.00	--	--	Method 021.99	--	--	Method 022.03	--
100	0.8750	.24	035	0.9550	1.42	164	4.2500	.88	610	1.4410	.87	004	146.50	1.19
229	0.8750	.24	045	0.9300 R	1.40	Avg	2.5500		Avg	1.1198		187	143.95	.99
011	0.8738	.20	028	0.9500	1.30	722	0.8499	-.85	047	0.7985	-.87	265	141.50 R	.95
Avg	0.8679		190	0.9200	.78							185	141.50	.80
185	0.8595	-.35	199	0.9242	.74	--	Method 020.01	--	--	Method 022.01	--	297	140.50	.77
168	0.8500	-.50	353	0.9000	.69	154	6.1000	1.75	038	150.00	1.47	029	140.61	.74
144	0.8550	-.55	366	0.9000	.48	096	5.0000	.76	035	148.00	1.23	520	140.50	.73
511	0.8600	-.60	726	0.9069	.34	567	4.1950 R	.73	529	145.05	.89	226	139.50	.67
297	0.8450	-.65	027	0.9000	.20	668	4.6550	.66	505	144.50	.83	610	137.50	.50
026	0.8420	-.75	017	0.8950	.14	Avg	4.1560		722	143.91	.79	100	137.00	.45
265	0.8450	-.76	Avg	0.8913		011	3.6773	-.43	619	140.00 R	.77	026	137.00	.44
682	0.8400	-.77	096	0.8900	-.03	560	3.4200	-.68	638	144.00	.76	229	135.50	.34
610	0.8415	-.79	106	0.8795	-.28	510	3.2400	-.83	208	144.00	.76	171	135.00	.32
148	0.8370	-.86	357	0.8800	-.34	171	3.0000	-1.04	278	143.70	.74	510	134.00	.21
294	0.8350	-.92	560	0.8830	-.34				674	142.28	.60	Avg	131.40	
083	0.8350	-.92	154	0.8765	-.36	--	Method 020.99	--	175	141.00	.53	083	129.00	-.25
512	0.8318	-1.01	038	0.8695	-.50	616	4.9250	.71	716	140.50	.34	300	129.95	-.27
300	0.8300	-1.09	037	0.8655	-.59				689	140.00	.30	242	127.50	-.33
187	0.8145	-1.48	567	0.8600	-.70	--	Method 021.01	--	731	140.00	.30	358	121.29	-.81
553	0.8200 R	-1.51	186	0.8595	-.72	619	1.6750	1.55	590	140.00	.28	164	118.00	-1.06
405	0.8100	-1.61	309	0.8550	-.87	Avg	0.9469		098	137.90	.03	144	119.25 R	-1.08
089	0.8100	-1.61	848	0.8450	-1.04	689	0.8000	-.31	Avg	137.71		598	113.00	-1.45
645	0.7750 R	-2.67	668	0.8475	-1.20	164	0.8000	-.31	653	137.34	-.15	148	112.40	-1.50
661	0.7250 s	-3.97	572	0.8410	-1.31	722	0.5124	-.95	305	136.04	-.23	405	112.50	-1.50
358	0.7100 s	-4.38	616	0.8150	-1.71				588	134.50	-.39	550	108.89	-1.77
						--	Method 021.02	--	675	135.44	-.50	049	108.02	-1.85
--	Method 019.08	--	--	Method 019.99	--	106	2.5500 s	6.46	646	130.63	-.85	553	0.0131 s	-10.34
138	1.1150 S	9.37	588	1.6900 s	11.06	510	1.5950	2.76	354	130.30	-.89			
590	1.0500 S	6.80	629	1.0150	1.32	154	0.9350	.23	350	130.25	-.89	--	Method 022.05	--
689	0.9000	.86	852	0.9950	1.04	011	0.9140	.16	178	129.00 R	-1.50	572	210.50 s	6.53
673	0.8950	.59	665	0.9750	.78	029	0.9060	.12	014	124.50	-1.58	160	171.00	2.40
Avg	0.8810		Avg	0.9227		Avg	0.8761		307	125.00	-1.63	038	162.50 R	1.75
607	0.8690	-.52	613	0.9100	-.18	038	0.8500	-.22	710	114.00	-2.84	202	158.00	1.07
729	0.8600	-1.46	692	0.8750	-.69	171	0.8500	-.22	720	108.85 s	-3.45	366	155.00 R	1.04
			121	0.8536	-.99	616	0.8095	-.30				668	157.10	.99
--	Method 019.09	--	693	0.8530 R	-1.07	668	0.7800	-.39	--	Method 022.03	--	186	157.00	.96
042	1.0500 s	3.53	724	0.8350	-1.26	169	0.7600	-.45	208	192.50 s	4.81	027	155.58	.84
160	1.0006	2.47	676	0.4755 s	-6.40	560	0.7125	-.64	011	148.28	1.33	042	154.00	.67
202	0.9650	1.64				572	0.5255	-1.35	407	147.00	1.23	413	153.00	.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 022.05	--	--	Method 025.01	--	--	Method 025.03	--	--	Method 025.99	--	--	Method 027.01	--
726	152.51	.49	529	587.50	.12	083	612.50 R	-.59	Avg	616.43		169	0.1750	-1.07
035	152.00	.45	Avg	578.99		168	601.50	-.70	027	575.31	-1.30	263	0.1729	-1.13
309	149.50	.40	354	564.30	-.21	598	594.50	-.82	692	567.00	-1.37	175	0.1650	-1.45
560	150.00	.31	646	563.35	-.23	144	578.00	-1.12				039	0.1620	-1.55
199	150.70	.30	175	562.00	-.25	226	557.50	-1.44	--	Method 026.00	--	337	0.1605	-1.61
096	150.00	.23	731	556.00	-.34	405	496.50	-2.46	154	2.5200	.73	035	0.1600	-1.63
Avg	147.81		710	526.00	-.77	187	331.79 S	-5.21	567	2.4850	.52			
357	144.00	-.41	014	557.50 R	-.89				Avg	2.3933		--	Method 027.03	--
294	143.16	-.48	720	504.85	-1.08	--	Method 025.05	--	716	2.1750	-1.30	550	0.2505	1.57
045	142.50	-.55	278	503.00	-1.11	038	740.00	1.55				300	0.2460	1.39
017	142.50	-.55	638	501.50 R	-1.22	042	708.00	1.17	--	Method 026.99	--	171	0.2450	1.37
037	142.90	-.57	675	470.31	-1.58	045	700.50	1.12	011	2.2623	.86	208	0.2435	1.29
616	143.00	-.59	305	400.65	-2.60	366	692.00	1.06	Avg	2.0811		520	0.2400	1.16
106	147.00	-.63				186	683.50	.90	619	1.9000	-.87	242	0.2400	1.16
567	141.00	-.71	--	Method 025.03	--	199	681.85	.87				598	0.2400	1.16
353	131.60	-1.68	208	803.00	2.68	294	677.11	.85	--	Method 027.01	--	004	0.2376	1.06
154	131.50	-1.69	265	748.50	1.76	037	663.00	.65	563	0.2558	2.05	610	0.2295	.75
169	128.00	-2.05	358	730.74	1.47	160	637.50	.44	650	0.2353	1.27	144	0.2200 R	.54
			242	703.00	1.00	668	621.50	.24	139	0.2350	1.26	164	0.2220	.46
--	Method 022.99	--	550	697.13	.91	413	613.00	.13	014	0.2325	1.16	413	0.2200	.37
693	159.50	1.20	029	692.90	.85	616	611.50	.06	675	0.2300	1.06	029	0.2188	.33
613	157.00	.96	164	666.00	.39	Avg	607.16		731	0.2250	.89	Avg	0.2104	
Avg	147.34		004	665.00	.37	096	600.00	-.25	720	0.2200	.68	265	0.2100	-.02
692	145.00	-.30	520	664.00	.35	567	574.35	-.39	529	0.2200	.68	229	0.2100	-.02
607	139.17	-.84	229	655.00	.22	169	553.50	-.63	722	0.2175	.58	407	0.2095	-.04
846	136.05	-1.16	049	648.74	.14	309	546.00	-.71	619	0.2140	.46	026	0.2095	-.07
			171	646.50	.06	154	541.00	-.77	065	0.2134	.43	049	0.2050	-.29
--	Method 025.01	--	100	645.00	.06	017	577.50 R	-1.00	098	0.2100	.29	011	0.2023	-.33
722	687.48	1.58	Avg	643.17		726	509.64	-1.14	609	0.2050	.22	083	0.2100 R	-.39
563	658.80	1.16	026	631.00	-.23	106	489.00	-1.38	588	0.2040	.13	553	0.2005	-.41
098	646.05	.99	297	626.50	-.28	190	465.39	-1.65	350	0.2045	.09	148	0.1920	-.72
619	639.00	.91	011	626.58	-.28	353	442.00	-1.93	Avg	0.2023		226	0.1900	-.80
689	639.80	.89	610	625.40	-.30	560	428.50 S	-2.66	208	0.1975	-.25	425	0.1900	-.80
670	631.00	.76	629	625.00	-.32				038	0.1985	-.26	358	0.1900	-.80
350	621.65	.62	407	623.50	-.33	--	Method 025.99	--	710	0.1950	-.34	294	0.1900	-.80
208	611.50	.48	553	620.50	-.42	121	644.20	.79	305	0.1900	-.47	100	0.1900 R	-.89
307	610.00	.47	510	616.50	-.45	613	644.00	.77	142	0.1900	-.47	405	0.1850	-1.01
038	595.00	.24	148	611.40	-.53	693	632.50	.64	307	0.1900 R	-.61	297	0.1800	-1.19
505	580.50	.14	300	608.85	-.59	607	635.59	.56	278	0.1750	-1.07	510	0.1800	-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 027.03	--	--	Method 028.01	--	--	Method 028.03	--	--	Method 028.05	--	--	Method 031.01	--
187	0.1719	-1.51	674	108.13	.97	510	101.50	.57	038	104.50	-.23	036	0.7593	.49
185	0.1545	-2.19	619	106.50 R	.91	520	101.00	.51	726	103.46	-.25	354	0.7550	.38
			731	106.00	.81	598	99.500	.47	413	103.50	-.25	152	0.7550	.38
--	Method 027.05	--	563	104.95	.71	029	99.420	.33	353	102.55	-.39	596	0.7550	.38
037	0.2130	1.75	208	104.50	.71	185	99.500	.25	096	99.500	-.78	175	0.7550	.38
042	0.2075	1.48	098	103.30	.58	148	99.500	.23	616	96.100	-1.26	647	0.7550	.38
045	0.2000	1.18	529	102.35	.50	187	98.780	.11	567	95.850	-1.27	607	0.7561	.37
366	0.1950 R	1.12	035	102.00	.48	Avg	98.091		668	93.450	-1.62	722	0.7541	.32
357	0.2000	1.05	588	100.50	.36	300	97.815	-.13	572	93.650 R	-1.86	142	0.7500	.15
038	0.1975	.93	638	100.50	.36	026	97.300	-.15	169	90.750	-1.97	674	0.7500	.15
560	0.1865 R	.75	646	98.800	.31	297	98.000	-.17				675	0.7500	.15
726	0.1931	.69	038	98.250	.22	083	97.500	-.27	--	Method 028.99	--	723	0.7465	.06
186	0.1920	.63	307	97.500	.17	610	95.550	-.64	692	105.00	.89	Avg	0.7460	
160	0.1896	.51	Avg	97.117		164	92.500	-.93	607	102.06	.52	623	0.7452	-.03
668	0.1845	.51	689	93.500	-.24	226	92.500	-.93	693	101.50	.37	139	0.7425	-.14
309	0.1803	.16	716	92.500	-.29	553	91.750	-1.06	Avg	99.657		363	0.7450	-.19
106	0.1820	.11	675	92.060	-.32	049	89.135	-1.54	846	90.070	-1.52	710	0.7450	-.19
Avg	0.1802		629	90.500	-.45	358	88.685	-1.57				233	0.7450	-.19
199	0.1786	-.09	175	88.000	-.66	144	88.800	-1.63	--	Method 031.00	--	019	0.7400	-.22
353	0.1750	-.38	710	87.500	-.69	629	85.500	-2.08	622	0.7870	.71	728	0.7400	-.22
572	0.1755	-.43	178	88.000	-.69	405	62.000 s	-5.97				629	0.7400	-.22
202	0.1700	-.54	590	85.435	-.85				--	Method 031.01	--	035	0.7400	-.22
017	0.1700	-.54	350	82.850	-1.06	--	Method 028.05	--	194	0.8050	2.17	305	0.7400	-.43
154	0.1664	-.74	278	77.500	-1.49	294	142.99 s	5.24	278	0.8000	2.02	169	0.7350	-.44
096	0.1550	-1.37	354	72.330	-1.90	106	119.50	2.02	098	0.8000	1.98	018	0.7385	-.47
616	0.1540	-1.40	014	68.500 S	-2.21	160	119.00	1.88	679	0.7950	1.81	205	0.7295	-.63
567	0.1500	-1.61	305	56.060 s	-3.20	366	113.00 R	1.71	620	0.7854	1.45	626	0.7350	-.68
035	0.1500	-1.61				042	112.00	.95	633	0.7842	1.40	039	0.7274	-.68
			--	Method 028.03	--	017	111.00	.82	650	0.7800	1.30	026	0.7300	-.69
--	Method 027.99	--	208	134.00 s	5.95	037	110.25	.69	609	0.7800	1.30	038	0.7250	-.78
693	0.1920	.85	550	123.63 s	4.23	202	110.00	.66	625	0.7750	1.08	646	0.7250	-.79
613	0.1850	.51	265	110.50	2.09	186	109.00	.51	731	0.7750	1.08	849	0.7250	-.79
Avg	0.1790		004	105.50	1.25	045	109.00	.51	350	0.7710	1.02	529	0.7250	-.79
692	0.1600	-1.23	100	104.00	.99	309	105.35	.32	263	0.7690	.84	588	0.7235	-.82
			242	103.50	.90	154	106.50	.26	563	0.7675	.79	016	0.7235	-.82
--	Method 028.01	--	171	103.00	.83	560	106.00	.17	653	0.7660	.76	651	0.7235	-.82
720	123.74	2.22	407	103.00	.81	Avg	105.27		670	0.7650	.72	108	0.7300 R	-.94
722	112.84	1.34	011	102.71	.77	190	104.58	-.12	619	0.7640	.70	034	0.7250	-.95
505	111.50	1.24	229	102.00	.73	357	104.00	-.22	001	0.7580	.49	716	0.7200	-.95

\* 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 031.01	--	--	Method 031.05	--	--	Method 031.05	--	--	Method 031.99	--	--	Method 032.02	--
687	0.7200	-1.02	598	0.7900	1.82	553	0.7210	-.40	552	0.7050	-1.23	665	1.2300	1.93
337	0.7150	-1.15	045	0.7650 R	1.77	682	0.7200	-.43	588	0.5150 S	-6.84	731	1.1900	.96
689	0.7150	-1.15	668	0.7735	1.37	185	0.7230	-.46	676	0.2970 s	-13.29	590	1.1800	.77
122	0.7100	-1.32	366	0.7550 R	1.32	190	0.7200	-.54				669	1.1695	.52
178	0.7150 R	-1.46	038	0.7715	1.31	017	0.7150	-.61	--	Method 032.01	--	588	1.1535	.17
621	0.7050	-1.51	616	0.7660	1.12	297	0.7150	-.61	674	1.2750	2.43	Avg	1.1456	
638	0.7000	-1.73	560	0.7675	1.10	089	0.7100	-.75	609	1.2250	1.66	716	1.1350	-.40
511	0.6950	-1.95	042	0.7670	1.09	358	0.7100	-.75	036	1.2092	1.35	536	1.1135	-.69
065	0.6754	-2.59	726	0.7651	1.02	187	0.7098	-.76	505	1.1850	.98	169	1.1150	-.85
669	0.6330 s	-4.14	029	0.7601	.89	074	0.7200	-.77	307	1.1700 R	.96	108	1.1300	-.93
			242	0.7350 R	.80	154	0.7063	-.88	098	1.1800	.88	014	1.1020	-.94
--	Method 031.02	--	096	0.7550	.71	848	0.7050	-.92	205	1.1750	.78	504	1.0830	-1.36
013	0.7650	1.34	171	0.7550	.71	550	0.7040	-.94	619	1.1650	.74			
043	0.7500	.74	202	0.7550	.71	645	0.7000	-1.07	013	1.1700	.70	--	Method 032.04	--
Avg	0.7462		265	0.7500	.62	148	0.6970	-1.17	019	1.1300 R	.66	638	1.1350	.71
011	0.7448	-.17	413	0.7450	.61	567	0.6950	-1.24	208	1.1600	.56			
505	0.7450	-.35	510	0.7500	.53	353	0.7150 R	-1.27	612	1.1600	.56	--	Method 032.05	--
014	0.7260	-1.41	407	0.7500	.53	572	0.6995 R	-1.42	337	1.1450	.38	629	1.8650 s	11.88
			425	0.7500	.53	405	0.6900	-1.43	720	1.1500	.37	160	1.2941 S	2.68
--	Method 031.03	--	610	0.7465	.47	186	0.6795	-1.73	039	1.1477	.33	106	1.2900	2.54
026	0.7500	.91	121	0.7470	.44	661	0.6550	-2.52	175	1.1450	.30	405	1.2500	1.87
504	0.7508	.87	144	0.7450	.41	294	0.6400	-3.00	Avg	1.1278		560	1.2400	1.77
033	0.7485	.84	520	0.7450	.41				563	1.1233	-.08	726	1.2319	1.57
208	0.7360	.46	298	0.7400	.39	--	Method 031.06	--	650	1.1250	-.09	028	1.2300	1.54
043	0.7350	.38	083	0.7400	.39	536	0.7800	1.27	139	1.1080	-.33	226	1.2250	1.48
036	0.7350	.35	037	0.7445	.36	Avg	0.7467		710	1.1050	-.39	190	1.2050	1.16
Avg	0.7245		027	0.7430	.31	686	0.7350	-.46	065	1.1013	-.44	616	1.1950	1.13
307	0.7150	-.35	164	0.7400	.21	138	0.7250	-.81	278	1.1050	-.45	045	1.1750 R	1.10
047	0.7200 R	-1.00	199	0.7400	.21				142	1.1000	-.46	037	1.2020	1.10
720	0.6850	-1.31	226	0.7350	.17	--	Method 031.99	--	670	1.1000	-.46	038	1.1950	1.05
048	0.6650	-1.97	229	0.7350	.17	729	0.7950	1.62	350	1.0973	-.53	294	1.2000	1.05
			049	0.7350	.17	852	0.7700	.76	001	1.0980	-.55	668	1.1750 R	.98
--	Method 031.05	--	Avg	0.7333		724	0.7700	.70	038	1.0900	-.80	171	1.1875	.85
208	0.9780 s	7.86	035	0.7300	-.11	693	0.7470	.44	675	1.0600	-1.12	096	1.1500 R	.85
309	0.8650 s	4.30	512	0.7323	-.16	590	0.7500	.32	035	1.0600	-1.12	202	1.1850	.81
106	0.8430 s	3.53	168	0.7270	-.21	673	0.7500	.11	305	1.0600	-1.13	042	1.1750	.65
160	0.8392 s	3.50	100	0.7250	-.31	Avg	0.7463		529	1.0200	-1.78	413	1.1700	.59
028	0.8000	2.16	357	0.7250	-.31	613	0.7250	-1.21	354	0.9900	-2.28	121	1.1664	.51
004	0.7920	1.88	300	0.7275	-.40	692	0.7050	-1.23				144	1.1400	.49

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

## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 032.05	--	--	Method 032.05	--	--	Method 033.01	--	--	Method 033.03	--	--	Method 034.04	--
027	1.1630	.45	553	1.0100	-2.04	686	1.1600	2.43	144	1.4900 S	7.43	619	0.5435	-.81
229	1.1600	.43	208	0.9465 S	-3.09	202	1.1500	1.99	726	1.4800 S	7.27	175	0.4750	-1.75
265	1.1600	.43	425	0.8400 s	-4.81	590	1.1350	1.51	674	1.3500 S	5.23			
199	1.1600	.41				629	1.1300	1.25	190	1.1000	1.30	--	Method 034.05	--
407	1.1500	.24	--	Method 032.99	--	337	1.1300	1.25	122	1.0400	.36	047	1.2750 S	1.77
357	1.1400	.18	074	1.1800	1.11	610	1.1145	.90	598	1.0300	.00	309	0.7145	.36
186	1.1400	.08	693	1.1510	.62	178	1.1050	.63	Avg	1.0300		560	0.7095	.33
Avg	1.1352		Avg	1.1278		175	1.1150	.60	505	0.9500	-1.29	027	0.7070	.33
011	1.1341	-.03	692	1.0950	-.75	098	1.1150	.60	848	0.8200 S	-3.39	Avg	0.4635	
187	1.1300	-.09	047	1.0850	-1.15	242	1.1100	.55	265	0.5900 S	-7.11	154	0.3750	-.52
297	1.1300	-.09	588	0.1230 S	-20.91	164	1.1100	.37				629	0.2750	-.77
512	1.1290	-.12				278	1.1050	.26	--	Method 033.05	--	504	0.0000	-1.47
598	1.1300	-.18	--	Method 033.00	--	026	1.1050	.26	171	1.1400	.71			
083	1.1250	-.30	169	1.3550 s	4.54	Avg	1.1010					--	Method 034.99	--
567	1.1250	-.30	366	1.1200	1.15	307	1.1000	-.04	--	Method 033.99	--	098	0.5000	.90
100	1.1200	-.30	353	1.1200	1.08	038	1.1000	-.04	630	1.1200	1.16	Avg	0.4075	
164	1.1150	-.41	731	1.1150	1.05	510	1.1000	-.04	673	1.1000	.84	190	0.3150	-.83
366	1.1150	-.41	675	1.1100	.85	205	1.1000	-.04	723	1.0990	.83			
242	1.1100	-.44	297	1.1040	.74	011	1.0941	-.29	716	1.0500 R	.48	--	Method 035.00	--
026	1.1100	-.44	596	1.0800	.49	199	1.0950	-.32	855	1.0550	.27	263	0.5739 s	6.88
049	1.1050	-.50	849	1.0850	.46	185	1.0934	-.41	Avg	1.0465		098	0.4300	1.52
520	1.1000	-.57	208	1.0700	.28	100	1.1000	-.41	552	1.0250	-.35	675	0.4300	1.52
353	1.1000	-.60	689	1.0650	.28	650	1.1000	-.41	121	0.9780	-1.09	035	0.4250	1.30
168	1.1000	-.60	309	1.0701	.25	413	1.0900	-.45	619	0.9485	-1.55	139	0.4225	1.19
510	1.0950	-.66	407	1.0700	.23	042	1.0900	-.45	693	0.9495 S	-2.30	670	0.4200	1.16
017	1.0950	-.70	045	1.0650	.18	559	1.0900	-.45				720	0.4200	1.09
029	1.0980	-.70	567	1.0600	.17	354	1.0850	-.68	--	Method 034.01	--	175	0.4150	.93
148	1.0910	-.72	160	1.0600	.17	226	1.0800	-.85	038	0.6770	.93	307	0.3950	.58
309	1.0905	-.79	Avg	1.0544		194	1.0750	-1.07	Avg	0.6610		650	0.3950	.24
004	1.0845	-.83	653	1.0500	-.07	229	1.0750	-1.07	638	0.6450	-.80	619	0.3925	.14
572	1.1200 R	-.85	539	1.0300	-.47	096	1.0650	-1.58				Avg	0.3909	
300	1.0830	-.88	638	0.9400	-1.72	029	1.0600	-1.71	--	Method 034.04	--	152	0.3900	-.03
610	1.0805	-.90	358	0.9200	-2.02	710	1.0550	-1.88	572	0.6880	1.42	722	0.3877	-.13
185	1.0665	-1.12	679	0.9000	-2.36	004	0.9700 s	-5.33	026	0.6500	.89	205	0.3865	-.19
035	1.0650	-1.15	588	0.7150 s	-5.09	425	0.4200 s	-27.65	208	0.6425	.75	278	0.3850	-.29
358	1.0600	-1.22	298	0.6600 s	-5.92				668	0.6055	.21	038	0.3840	-.30
154	1.0301	-1.71							Avg	0.5931		233	0.3900	-.38
550	1.0305	-1.71							169	0.5800	-.24	363	0.3800	-.41
645	1.0200	-1.88							164	0.5600	-.57	065	0.3786	-.47

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

## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 035.00	--	--	Method 035.03	--	--	Method 035.05	--	--	Method 036.03	--	--	Method 037.01	--
142	0.3800	-.56	164	0.3925	.54	171	0.3970	.32	353	0.3200	-.39	350	3526.9	-.60
208	0.3800	-.56	186	0.3915	.48	Avg	0.3928		294	0.2900	-1.12	354	3507.0	-.68
529	0.3760	-.56	567	0.3900	.39	716	0.3900	-.21	616	0.2900	-1.12	689	3394.4	-1.09
337	0.3750	-.63	297	0.3900	.39	731	0.3900	-.21	550	0.2545	-2.14	653	3393.6	-1.10
609	0.3700	-.87	144	0.3900	.39	294	0.3900	-.21	265	0.2400	-2.55	035	3189.5	-1.85
354	0.3450	-1.74	100	0.3850	.28	504	0.3888	-.41	598	0.1100 s	-6.29	675	3087.9	-2.23
305	0.3200	-2.67	598	0.3850	.28	588	0.3775	-1.16	--	Method 036.04	--	098	0.3900 s	-13.70
122	0.2850 s	-4.49	Avg	0.3819		665	0.3750	-1.38	226	0.3550	.88	529	0.3700 s	-13.70
--	Method 035.01	--	309	0.3817	-.02	--	Method 035.99	--	Avg	0.3375		--	Method 037.03	--
647	0.4100	.85	242	0.3800	-.09	613	0.4100	.98	510	0.3200	-.85	265	4783.0 s	4.08
686	0.4180	.82	682	0.3800	-.09	Avg	0.3972		--	Method 037.01	--	029	4369.5	2.44
138	0.4130	.43	550	0.3790	-.14	693	0.3965	-.73	039	4295.5	2.25	171	4150.0	1.56
Avg	0.4082		510	0.3790	-.15	692	0.3850	-1.00	720	4160.6	1.75	550	4028.2	1.08
563	0.3918	-1.39	083	0.3750	-.41	--	Method 036.00	--	305	4126.0	1.62	011	4015.9	1.03
--	Method 035.03	--	300	0.3755	-.51	208	0.3700	-.57	710	4106.5	1.55	407	3977.0	.87
187	0.8218 s	21.19	089	0.3700	-.57	208	0.3675	-.70	612	3962.5	1.03	510	3976.0	.87
004	0.5345 s	7.36	208	0.3675	-.70	520	0.3700	-.75	014	3883.0	.73	208	3956.5	.81
037	0.5070 s	6.03	298	0.3700	-.75	298	0.3700	-.75	638	3810.0 R	.61	100	3951.0	.77
029	0.4891 s	5.19	353	0.3667	-.83	--	Method 036.03	--	716	3830.5	.54	848	3871.1	.46
265	0.4800 s	4.75	035	0.3650	-.85	160	0.3756	1.38	307	3700.0 R	.37	242	3856.0	.39
160	0.4398 A	2.90	572	0.3810 R	-.87	708	0.3745	1.31	178	3702.0	.35	229	3855.0	.39
017	0.4150 R	2.00	610	0.3635	-.89	708	0.3745	1.31	019	3753.0	.34	226	3757.5	.22
202	0.4200	1.84	154	0.3629	-.94	187	0.3643	1.01	590	3758.5	.30	074	3809.0	.21
413	0.4150	1.61	185	0.3621	-.95	560	0.3570	.84	175	3750.0	.29	164	3795.0	.15
199	0.4134	1.53	148	0.3615	-.98	202	0.3500	.60	013	3760.0	.27	Avg	3757.4	
042	0.4115	1.44	358	0.3600	-1.06	186	0.3480	.55	038	3710.0	.17	610	3722.5	-.14
407	0.4115	1.43	645	0.3600	-1.08	045	0.3350 R	.46	Avg	3688.8		629	3755.0	-.18
045	0.4000 R	1.30	405	0.3600	-1.16	038	0.3440	.43	722	3686.1	-.07	004	3754.5	-.19
726	0.4060	1.16	661	0.3350	-2.27	154	0.3420	.38	674	3662.1	-.16	083	3687.5	-.33
229	0.4050	1.14	616	0.3345	-2.29	106	0.3400	.32	563	3640.0	-.18	026	3686.5	-.34
366	0.3900 R	1.04	425	0.1400 s	-11.66	366	0.3300	.29	731	3621.5	-.25	148	3626.0	-.52
668	0.3945	1.00	--	Method 035.05	--	171	0.3380	.27	619	3602.0	-.34	358	3621.3	-.58
011	0.4004	.89	536	0.5210 s	9.59	169	0.3350	.22	208	3595.0	-.36	520	3609.0	-.59
038	0.4000	.88	560	0.4175 R	2.31	042	0.3330	.12	505	3600.0	-.38	185	3550.5	-.82
226	0.3950	.68	169	0.4150	1.70	357	0.3300	.03	669	3571.5	-.44	598	3545.0	-.84
096	0.3950	.68	590	0.4100	1.28	Avg	0.3290		588	3552.0	-.51	300	3581.5 R	-.87
049	0.3900	.62	108	0.3950	1.13	300	0.3270	-.18	278	3548.3	-.55	512	3542.0	-.87
						693	0.3265	-.23				049	3534.8	-.90

\* 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 037.03 --			-- Method 037.99 --			-- Method 050.00 --			-- Method 086.99 --			-- Method 106.02 --		
144 3454.0	-1.21		121 3817.1	.23		169 7.2050	.71		033 35.050	.71		670 3.9100	-1.07	
553 3410.0	-1.38		Avg 3793.2						096 3.8300			560 3.5050	-1.13	
297 3097.0	-2.63		607 3724.8	-.36		-- Method 051.00 --			-- Method 101.01 --					
405 1029.0 s	-10.85		692 3332.0	-1.91		511 433.50 R	2.57		208 1300.5	.71		-- Method 107.00 --		
						610 425.50	1.90					227 36.600	.71	
-- Method 037.05 --			-- Method 038.00 --			035 403.50	.93		-- Method 104.00 --					
017 4107.5	1.52		510 2.8000 S	3.21		027 383.30	.47		171 11.150	.87		-- Method 109.02 --		
106 4068.0	1.37		106 2.5000	2.41		036 384.50	.19		Avg 10.308			199 186.95	1.03	
160 3941.5	1.02		154 1.7800	.46		Avg 379.83			208 9.4650	-.86		675 182.97	.96	
045 3875.0	.86		029 1.6500	.26		013 374.75	-.26		-- Method 104.99 --			227 175.50	.84	
027 3893.5	.75		Avg 1.6098			043 371.90	-.31		227 12.350	.71		619 167.00	.70	
042 3861.5	.75		011 1.5483	-.19		034 370.50	-.47		-- Method 105.01 --			610 158.05	.55	
202 3851.5	.61		560 1.5200	-.25		029 366.50	-.86		208 2.7350	-.71		Avg 125.08		
560 3800.0	.49		038 1.5100	-.27		028 338.00	-1.63					208 109.33	-.29	
028 3783.5	.37		668 1.4700	-.38		-- Method 051.03 --			-- Method 105.99 --			638 66.795	-.97	
366 3745.0	.32		297 1.3500	-.81		674 432.50	1.80		227 2.8000	.71		560 39.900	-1.41	
199 3762.5	.31		169 1.1600	-1.21		017 405.00	1.30					563 39.204	-1.42	
726 3756.0	.27		-- Method 038.99 --			009 368.68 R	.97		-- Method 106.00 --			-- Method 109.99 --		
186 3739.0	.22		164 1.7500	.71		038 382.00	.81		171 4.2750	.87		096 248.50	.71	
037 3737.0	.20		-- Method 039.01 --			004 367.00	.50		Avg 3.6725			-- Method 112.00 --		
190 3693.3	.05		164 2.6000	.00		Avg 341.61			160 3.0700	-.87		208 2496.5	.71	
Avg 3680.1			-- Method 039.02 --			848 341.01	-.03		-- Method 106.02 --			-- Method 113.01 --		
567 3678.0	-.03		154 3.8150	1.52		033 336.00	-.13		675 15.980 s	8.38		227 2.0150	.71	
169 3675.0	-.09		567 3.3500	.23		036 330.50	-.22		038 7.2505	1.53		-- Method 114.01 --		
357 3655.5	-.20		011 3.3293	.13		846 308.20	-.69		619 7.0600	1.38		227 0.3415	.87	
413 3635.0	-.22		Avg 3.2988			001 298.70	-.85		638 6.8050	1.21		Avg 0.2400		
096 3600.0	-.28		560 2.9750	-.96		039 296.80	-.89		003 6.7085	1.13		208 0.1385	-.86	
353 3501.0 R	-.89		668 3.0250	-1.10		716 260.00	-1.62		227 5.9950 R	.92		-- Method 120.00 --		
309 3479.5	-.90		-- Method 040.00 --			-- Method 086.00 --			004 5.8950	.47		171 1.7150 s	5.84	
616 3420.0	-.93		560 3.4550	.71		027 36.065	.92		616 5.6000	.24		160 1.4434	2.29	
294 3287.3	-1.38					001 34.020	.32		199 5.5500	.21		684 1.3410	.96	
154 3073.0	-2.17					Avg 32.942			Avg 5.2889			208 1.3150	.62	
668 2885.6	-2.80					218 28.740	-1.25		563 4.9556	-.26		848 1.2900 R	.60	
572 0.3165 s	-12.96								160 4.5000	-.62				
									610 4.4300	-.69				
-- Method 037.99 --			-- Method 041.00 --						208 4.0450	-.97				
846 4019.3	.94		011 1.7370	.87										
047 3993.0	.83		Avg 1.6185											
693 3873.0	.33		154 1.5000	-.86										

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

## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 120.00	--	--	Method 122.00	--	--	Method 124.02	--	--	Method 126.00	--	--	Method 128.00	--
227	1.2850	.23	171	2.4900 s	3.51	227	0.3600	.71	350	0.9265 s	-5.24	652	0.7700	-.70
Avg	1.2682		208	2.3100	1.21							848	0.7550	-.99
571	1.2650	-.20	652	2.2800	.83	--	Method 124.05	--	--	Method 126.05	--	350	0.6875	-2.45
652	1.2400	-.39	644	2.2705	.71	610	0.3800	.00	610	1.0700	.00	171	0.6400 S	-3.47
504	1.2400	-.45	227	2.2400	.41				626	1.0700	.00			
619	1.2300	-.50	619	2.2400	.33	--	Method 125.00	--	Avg	1.0700		--	Method 128.05	--
662	1.2257	-.56	571	2.2300	.24	208	3.7750	1.62				626	0.8350	.58
644	1.2180	-.66	662	2.2188	.09	662	3.6874	.84	--	Method 127.00	--	Avg	0.8325	
350	1.1470	-1.58	Avg	2.2139		227	3.6600	.58	171	0.7400 S	2.78	610	0.8300	-1.08
			684	2.1930	-.28	619	3.6550	.53	652	0.7100	1.35			
--	Method 120.05	--	504	2.1600 R	-.92	684	3.6475	.50	571	0.6925	.81	--	Method 129.00	--
610	1.2350	.26	160	2.1250	-1.11	848	3.6150	.22	848	0.6950	.74	848	2.0800	1.16
Avg	1.2275		848	2.1250 R	-1.38	Avg	3.5956		504	0.6850	.70	208	2.0600	.96
626	1.2200	-1.20	350	2.0320	-2.28	644	3.5830	-.12	662	0.6933	.65	227	2.0600	.94
						571	3.5550	-.37	160	0.6789	.53	684	2.0530	.85
--	Method 121.00	--	--	Method 122.05	--	652	3.5450	-.46	227	0.6900	.49	504	2.0250	.67
171	1.4200	1.64	610	2.2100	.17	160	3.4691	-1.14	644	0.6825	.18	571	2.0000	.26
208	1.4000	.95	Avg	2.1875		504	3.3600	-2.14	619	0.6805	.14	662	1.9928	.18
227	1.3850	.69	626	2.1650	-1.21	350	3.1660 s	-3.88	Avg	0.6786		644	1.9780	.02
652	1.3800	.45							684	0.6585	-.87	Avg	1.9773	
571	1.3650	.15	--	Method 123.00	--	--	Method 125.05	--	208	0.6450	-1.46	619	1.9750	-.06
Avg	1.3620		171	3.9300	.71	626	3.4800	1.22	350	0.6315	-2.03	652	1.9400	-.48
662	1.3605	-.04				Avg	3.4750					160	1.9317	-.52
644	1.3525	-.26	--	Method 124.00	--	610	3.4700	-.10	--	Method 127.05	--	350	1.8095	-1.89
619	1.3500	-.30	160	0.4097	1.42				610	0.6800	.78	171	1.8000	-2.01
504	1.3500	-.81	684	0.4090	1.35	--	Method 126.00	--	Avg	0.6725				
684	1.3085	-1.35	504	0.3850 R	.72	171	1.2050 s	4.88	626	0.6650	-.94	--	Method 129.05	--
160	1.3107	-1.89	848	0.3900	.67	160	1.1247	1.86				610	1.9950	.87
848	1.3500 R	-2.03	652	0.3900	.51	227	1.1000	1.03	--	Method 128.00	--	Avg	1.9675	
350	1.1995 S	-4.09	619	0.3805	.14	208	1.0950	.81	160	0.8638 R	1.44	626	1.9400	-.86
			Avg	0.3785		652	1.0800	.44	662	0.8511	1.09			
--	Method 121.05	--	571	0.3730	-.25	Avg	1.0730		571	0.8350	.75	--	Method 130.00	--
Avg	1.3450		171	0.3750	-.27	571	1.0700	-.11	227	0.8300	.67	171	1.6350 R	2.07
610	1.3450	-.17	662	0.3673	-.52	619	1.0600	-.46	504	0.8300	.67	638	1.6300	1.84
626	1.3450	-1.21	350	0.3530	-1.13	684	1.0615	-.58	619	0.8225	.47	208	1.5750	1.06
			644	0.3375	-1.81	662	1.0535	-.73	644	0.8155	.32	848	1.5700	1.00
						504	1.0500	-1.09	684	0.8100	.25	504	1.5550	.85
						848	1.0650 R	-1.28	Avg	0.8006		Avg	1.5006	
						644	1.0350	-1.36	208	0.8000	-.01	571	1.5000	-.14

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

## Laboratory Averages &amp; Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 130.00	--	--	Method 131.05	--	--	Method 133.00	--	--	Method 135.00	--	--	Method 137.00	--
160	1.4942	-.15	610	0.5600	.58	684	1.1590	-.85	Avg	1.0516		644	0.7390	-.16
662	1.4934	-.19	Avg	0.5375		160	1.1407	-1.09	619	1.0500	-.04	684	0.7360	-.20
644	1.4870	-.20	626	0.5150	-1.08	504	1.1450	-1.14	662	1.0232	-.72	504	0.7100	-.47
619	1.4850	-.23	--	Method 131.99	--	--	Method 133.05	--	848	1.0300	-.91	227	0.6950	-.64
652	1.4650	-.51	208	0.5350	.71	610	1.1950	.88	504	1.0150	-1.08	848	0.6400 R	-1.65
674	1.4600	-.60	--	Method 132.00	--	Avg	1.1725		638	0.9950	-1.39	171	0.5850	-1.78
684	1.4490	-.73	619	1.1800	1.37	626	1.1500	-.86	350	0.9935	-1.42	--	Method 137.05	--
227	1.4700 R	-.96	160	1.1699	1.16	--	Method 134.00	--	--	Method 135.05	--	610	0.7750	.87
350	1.3445	-2.22	227	1.1550	.77	171	1.1400	1.67	610	1.0550	.85	Avg	0.7225	
--	Method 130.01	--	208	1.1400	.47	227	1.1000	1.04	Avg	1.0175		626	0.6700	-.86
035	1.5850	.71	662	1.1376	.34	208	1.0850	.79	626	0.9800	-.88	--	Method 138.00	--
--	Method 130.05	--	644	1.1325	.23	848	1.0750	.74	--	Method 136.00	--	208	1.3250	1.63
610	1.4750	.48	571	1.1250	.13	571	1.0550	.32	684	0.3065	.82	504	1.2300 R	.77
Avg	1.4450		Avg	1.1235		662	1.0548	.31	Avg	0.2718		227	1.2350	.76
626	1.4150	-1.13	504	1.1200	-.26	619	1.0500	.22	662	0.2372	-.91	571	1.2200	.62
--	Method 131.00	--	684	1.1055	-.45	Avg	1.0360		171	0.0300 S	-5.71	644	1.2100	.52
644	0.6110	2.01	848	1.1050	-.47	644	1.0110	-.40	--	Method 136.01	--	619	1.2000	.43
848	0.5850 R	1.13	652	1.0900	-.81	160	1.0135	-.49	160	0.3460	1.51	684	1.1860	.31
662	0.5773	.65	350	1.0220	-2.47	684	1.0045	-.52	160	0.3300	.97	848	1.1650	.17
350	0.5720	.43	171	0.6050 s	-12.61	652	1.0150	-.52	227	0.3300	.97	662	1.1689	.14
571	0.5715	.41	--	Method 132.05	--	350	0.9595	-1.23	Avg	0.3009		Avg	1.1557	
619	0.5695	.33	610	1.1200	.66	504	0.9050	-2.18	644	0.2970	-.13	171	1.1350	-.31
Avg	0.5615		Avg	1.1075		--	Method 134.05	--	571	0.2920	-.30	350	1.0675	-.85
652	0.5600	-.06	626	1.0950	-1.03	626	1.0700	.81	619	0.2755	-.85	652	1.0350	-1.16
638	0.5500	-.47	--	Method 133.00	--	Avg	1.0400		208	0.2650	-1.21	160	0.9209	-2.26
684	0.5425	-.78	171	1.3700	2.08	610	1.0100	-.92	--	Method 136.99	--	--	Method 138.05	--
504	0.5400	-.96	848	1.3150	1.46	--	Method 135.00	--	610	0.2715	.73	610	1.2300	.91
160	0.5210	-1.68	208	1.2850	.91	684	1.1200	1.71	Avg	0.2608		Avg	1.2100	
--	Method 131.01	--	227	1.2200	.28	171	1.1100	1.61	504	0.2500	-.98	626	1.1900	-.82
171	0.5400	.00	644	1.2255	.25	227	1.0950	1.07	--	Method 137.00	--	--	Method 139.00	--
--	Method 131.02	--	Avg	1.2197		652	1.0550	.38	350	0.9200	1.72	504	0.0900	.00
227	0.5450	.71	652	1.2150	-.22	644	1.0640	.31	662	0.8715	1.23			
			571	1.2000	-.31	160	1.0561	.24	160	0.7887	.36			
			662	1.1864	-.47	208	1.0600	.21	Avg	0.7545				
			619	1.1750	-.71	571	1.0550	.15	208	0.7450	-.11			

\* 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	11	-3.0275	10.70	0.86	010.03	5	0.0000	1.04	0.18
001.03	5	0.0000	1.03	0.21	010.11	6	0.0000	1.04	0.11
001.07	41	-0.3950	1.76	0.67	010.99	16	-0.1301	1.11	0.11
001.99	18	-0.0109	0.97	0.26	011.01	88	-0.0281	1.16	0.23
002.00	5	0.0000	0.95	0.41	011.99	3	-3.4573	6.04	0.34
002.01	15	-1.8141	5.01	0.78	012.00	9	0.0000	1.03	0.07
002.02	11	0.2265	2.19	0.38	012.01	4	0.0000	1.02	0.30
002.04	5	0.0000	1.06	0.08	012.03	2	0.0000	1.18	0.22
002.05	21	0.0301	0.98	0.22	012.04	4	0.0000	1.07	0.12
002.06	142	0.0326	2.03	0.36	012.11	3	0.0000	1.12	0.03
002.08	6	0.3052	1.21	0.19	013.02	31	-0.1870	1.27	0.25
002.10	8	0.0000	0.89	0.49	013.10	18	0.6867	3.88	1.35
002.11	8	-15.4582	18.29	1.18	013.12	2	0.0000	1.22	0.01
002.99	5	-2.2143	5.04	0.25	013.99	4	-0.7494	1.75	0.25
003.00	34	-0.2317	1.66	0.25	015.00	10	-0.1429	1.05	0.30
003.06	29	0.4220	1.48	0.50	017.00	8	0.0000	0.87	0.52
003.09	28	1.1744	3.23	0.80	018.01	2	0.0000	1.22	0.00
003.10	31	0.5477	4.13	1.05	018.02	2	0.0000	1.13	0.33
003.11	7	0.0000	0.00	0.00	019.00	17	0.4916	1.68	0.14
003.12	4	0.0000	1.08	0.08	019.01	51	0.0819	1.18	0.35
003.13	6	0.0000	1.00	0.30	019.03	7	0.0000	0.96	0.36
003.14	15	-0.1940	1.01	0.43	019.05	41	-0.1787	1.58	0.27
003.99	9	-0.0024	0.98	0.72	019.08	6	2.6833	4.28	0.67
004.00	31	0.3381	1.70	0.18	019.09	27	0.1623	1.15	0.37
004.03	3	0.0000	0.91	0.53	019.99	10	0.3587	4.32	0.43
004.06	37	0.1588	1.32	0.20	020.00	2	0.0000	1.20	0.16
004.07	41	0.1830	1.31	0.26	020.01	8	0.0044	0.94	0.32
004.11	7	-0.1324	1.01	0.24	021.01	4	0.0000	1.06	0.17
004.99	3	0.0000	0.95	0.49	021.02	12	0.5364	2.10	0.20
005.00	142	-0.0381	4.01	0.65	021.99	2	0.0000	1.22	0.04
005.11	6	-16.6063	16.26	0.64	022.01	28	-0.1505	1.15	0.31
005.99	17	-0.0894	1.01	0.33	022.03	29	-0.1963	2.35	0.18
008.02	17	1.6931	7.43	0.25	022.05	27	0.3239	1.58	0.33
008.08	21	0.0000	0.98	0.23	022.99	5	0.0000	1.04	0.20
008.99	5	0.0000	0.76	0.66	025.01	23	-0.0627	0.99	0.22
009.04	2	0.0000	0.00	0.00	025.03	30	-0.1909	1.36	0.11
009.07	13	0.0000	1.01	0.13	025.05	23	-0.1055	1.05	0.43
009.09	18	-0.0513	0.98	0.33	025.99	6	0.0000	0.98	0.34
009.99	4	0.5814	1.48	0.09	026.00	3	0.0000	1.07	0.27



## 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
026.99	2	0.0000	1.21	0.12	038.00	10	0.3199	1.39	0.19
027.01	28	-0.0169	0.99	0.13	039.02	5	0.0000	0.98	0.35
027.03	32	-0.0139	0.97	0.14	041.00	2	0.0000	1.22	0.09
027.05	23	0.0489	0.96	0.29	051.00	10	0.2087	1.11	0.59
027.99	3	0.0000	1.09	0.19	051.03	12	0.0447	0.98	0.26
028.01	29	-0.0816	1.15	0.12	086.00	3	0.0000	1.11	0.11
028.03	30	0.1398	1.98	0.24	104.00	2	0.0000	1.21	0.11
028.05	25	0.1833	1.43	0.45	106.00	2	0.0000	1.22	0.03
028.99	4	0.0000	1.03	0.29	106.02	16	0.5534	2.28	0.35
031.01	65	-0.0902	1.09	0.26	109.02	9	0.0000	1.03	0.06
031.02	5	0.0000	0.96	0.40	114.01	2	0.0000	1.22	0.07
031.03	10	-0.0148	0.95	0.37	120.00	13	0.4713	1.86	0.19
031.05	66	0.2893	1.54	0.39	120.05	2	0.0000	0.31	0.84
031.06	3	0.0000	1.07	0.26	121.00	13	-0.3369	1.37	0.75
031.99	11	-1.8305	4.39	0.43	121.05	2	0.0000	0.00	0.87
032.01	32	0.0229	0.97	0.25	122.00	13	0.1283	1.38	0.35
032.02	11	0.0000	0.94	0.39	122.05	2	0.0000	0.18	0.86
032.05	63	0.1250	1.94	0.30	124.00	11	0.0261	0.96	0.27
032.99	5	-4.1819	9.39	0.41	125.00	12	-0.3213	1.47	0.19
033.00	22	-0.2953	2.14	0.28	125.05	2	0.0000	0.03	0.87
033.01	34	-0.9697	4.89	0.32	126.00	13	-0.0616	2.20	0.57
033.03	9	1.0415	4.88	0.36	126.05	2	0.0000	0.00	0.00
033.99	9	-0.1637	1.03	0.60	127.00	13	0.2032	1.18	0.38
034.01	2	0.0000	1.08	0.41	127.05	2	0.0000	1.11	0.37
034.04	8	0.0000	1.00	0.25	128.00	13	-0.1620	1.41	0.17
034.05	7	0.0000	1.04	0.06	128.05	2	0.0000	0.37	0.83
034.99	2	0.0000	1.17	0.26	129.00	13	0.0000	1.01	0.16
035.00	27	0.1073	1.82	0.47	129.05	2	0.0000	1.21	0.11
035.01	4	0.0000	0.95	0.44	130.00	15	0.0984	1.07	0.32
035.03	53	0.7246	3.79	0.39	130.05	2	0.0000	0.67	0.73
035.05	12	0.9526	2.90	0.55	131.00	11	0.0867	1.00	0.25
035.99	3	0.0000	0.96	0.47	131.05	2	0.0000	0.82	0.64
036.00	2	0.0000	1.19	0.20	132.00	13	-0.9680	3.62	0.28
036.03	23	-0.2658	1.62	0.17	132.05	2	0.0000	0.93	0.56
036.04	2	0.0000	1.20	0.17	133.00	12	0.0000	0.98	0.29
037.01	33	-0.8152	3.45	0.15	133.05	2	0.0000	1.21	0.13
037.03	32	-0.2334	2.28	0.14	134.00	13	0.0000	0.99	0.25
037.05	27	-0.5034	2.67	0.25	134.05	2	0.0000	1.08	0.40
037.99	6	0.0000	1.04	0.13	135.00	14	0.0000	0.95	0.36

## 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>
135.05	2	0.0000	1.20	0.18					
136.00	3	-1.9044	3.40	0.23					
136.01	6	0.0000	1.04	0.10					
136.99	2	0.0000	1.02	0.48					
137.00	10	-0.1192	1.04	0.38					
137.05	2	0.0000	1.22	0.06					
138.00	13	0.0550	0.99	0.12					
138.05	2	0.0000	1.15	0.29					