

- Pass 1 Results for 194 Labs - - Pass 2 Results for 194 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
NPN, Urea + Am, Urease Method.....	941.04	000.01	1	2.75000	0.07071	0.10000	1	2.75000	0.07071	0.10000
Urea, Misc		000.99	1	2.06000	0.04243	0.06000	1	2.06000	0.04243	0.06000
Method Group 000.XX PCT			2	2.40500	0.40121	0.08000	2	2.40500	0.40121	0.08000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	7	8.25429	0.34328	0.08286	7	8.25429	0.34328	0.08286
Loss on Drying, ISO 6496		001.03	4	8.38750	0.14772	0.02500	4	8.38750	0.14772	0.02500
Loss on Drying, 104 deg 3 hr, in malt .	935.29	001.07	39	8.24624	0.37186	0.11444	36	8.26509	0.31560	0.08286
Loss on Drying, 102 deg 16 hr, in meat	950.46	001.08	2	8.35750	0.47724	0.24500	2	8.35750	0.47724	0.24500
Loss on Drying, Misc		001.99	12	8.36083	0.34608	0.17167	11	8.35909	0.35010	0.13273
Method Group 001.XX PCT			64	8.28091	0.35651	0.12020	60	8.29231	0.32117	0.09355
Protein, Crude	954.01	002.00	4	12.7163	0.25031	0.13250	4	12.7163	0.25031	0.13250
Protein, Auto Kjell-Foss	976.05	002.01	10	12.0293	0.34905	0.17813	10	12.0293	0.34905	0.17813
Protein, Semiauto Autoanalyzer	976.06	002.02	10	12.2771	0.26221	0.12820	9	12.3251	0.20866	0.08133
Protein, Hach Method		002.03	3	12.2550	0.47660	0.33000	3	12.2550	0.47660	0.33000
Protein, Copper Cat	984.13	002.04	2	12.5625	0.88319	0.08500	2	12.5625	0.88319	0.08500
Protein, Copper, Boric Acid		002.05	23	12.3174	0.34729	0.12788	23	12.3174	0.34729	0.12788
Protein, Combustion Nitrogen Analyzer	990.03	002.06	117	12.3215	0.50654	0.21369	113	12.3343	0.49901	0.18284
Protein, Cu/Ti	988.05	002.08	7	12.0987	0.42923	0.30943	6	12.1803	0.31355	0.15617
Protein, Block dig/distillation		002.10	6	12.4325	0.62992	0.29500	6	12.4325	0.62992	0.29500
Protein, NIR		002.11	8	12.7263	0.53578	0.41000	7	12.6500	0.43849	0.25143
Protein, Misc		002.99	2	12.5575	0.11354	0.12500	2	12.5575	0.11354	0.12500
Method Group 002.XX PCT			192	12.3278	0.48684	0.20918	185	12.3372	0.47051	0.17580
Fat, Eth Ext, Direct	920.39	003.00	29	2.10086	0.19439	0.09738	27	2.08722	0.15385	0.09126
Fat, In Fish Meal	948.04	003.04	1	1.93000	0.08485	0.12000	1	1.93000	0.08485	0.12000
Fat, Pet Ether		003.06	24	1.89429	0.15110	0.05317	22	1.89127	0.15455	0.04027
Fat, Soxtec, Eth Ext		003.09	29	1.94353	0.17166	0.10192	28	1.94376	0.16785	0.08735
Fat, Soxtec, Pet Ether		003.10	33	1.88712	0.21224	0.06996	30	1.87854	0.21010	0.04223
Fat, NIR		003.11	8	1.49688	0.16148	0.12875	8	1.49688	0.16148	0.12875
Fat, Hexane Ext.		003.12	6	2.00167	0.14659	0.09000	6	2.00167	0.14659	0.09000
Fat, Soxtec, Hexane Ext.		003.13	3	1.96350	0.29577	0.15167	3	1.96350	0.29577	0.15167
Fat, Ankom		003.14	11	1.85636	0.22992	0.11091	10	1.84100	0.22780	0.08400
Fat, Misc		003.99	3	1.95833	0.19271	0.05667	3	1.95833	0.19271	0.05667
Method Group 003.XX PCT			147	1.92602	0.22835	0.08775	138	1.91909	0.22115	0.07404
Fiber, Crude Asbestos Free	962.09	004.00	26	24.9428	1.30372	0.34140	24	24.8297	1.23971	0.22651
Fiber, Sing Filt		004.01	2	26.5025	0.57881	0.30500	2	26.5025	0.57881	0.30500
Fiber, Fritted Glass	978.10	004.03	4	24.8488	0.59672	0.40250	4	24.8488	0.59672	0.40250
Fiber, Fibertec		004.06	27	25.0753	0.86654	0.34647	27	25.0753	0.86654	0.34647
Fiber, ANKOM		004.07	45	25.0195	1.24480	0.36013	43	24.9756	1.22637	0.30177
Fiber, NIR		004.11	9	23.5350	0.47826	0.56111	9	23.5350	0.47826	0.56111
Fiber, Misc		004.99	3	24.2233	0.60721	0.31333	3	24.2233	0.60721	0.31333

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Method Group 004.XX PCT			116	24.8992	1.18292	0.36765	112	24.8552	1.15525	0.32122
Ash,	942.05	005.00	121	8.58854	0.16639	0.06669	112	8.59086	0.16003	0.05056
Ash, LECO		005.02	1	8.70000	0.14142	0.20000	1	8.70000	0.14142	0.20000
Ash, NIR		005.11	5	8.52800	0.22734	0.04400	5	8.52800	0.22734	0.04400
Ash, Misc		005.99	7	8.64571	0.17797	0.12857	7	8.64571	0.17797	0.12857
Method Group 005.XX PCT			134	8.59010	0.16955	0.07007	125	8.59229	0.16419	0.05586
Fiber, Acid Detergent	973.18	008.02	18	34.5119	1.82895	0.37722	18	34.5119	1.82895	0.37722
Fiber, Acid Detergent-Hach		008.05	1	34.0500	0.21213	0.30000	1	34.0500	0.21213	0.30000
Fiber, Acid Detergent by ANKOM		008.08	20	34.1980	1.31949	0.57700	19	34.1611	1.31974	0.49158
Fiber, Acid Detergent Misc		008.99	6	33.6833	1.29620	0.34667	6	33.6833	1.29620	0.34667
Method Group 008.XX PCT			45	34.2517	1.53614	0.46022	44	34.2369	1.54152	0.42068
Fiber, Neutral Det-ENZ Pretreat		009.07	17	45.6926	2.22708	0.50088	17	45.6926	2.22708	0.50088
Fiber, Neutral Detergent by ANKOM		009.09	16	45.0131	1.40415	0.51625	15	45.0437	1.39789	0.36200
Fiber, Neutral Det Misc		009.99	3	46.7500	2.45923	1.10000	3	46.7500	2.45923	1.10000
Method Group 009.XX PCT			36	45.4787	1.96169	0.55764	35	45.5051	1.96883	0.49271
Moisture, NIR		010.11	7	8.61714	0.67284	0.13143	6	8.40417	0.42455	0.08167
Moisture, Misc		010.99	12	8.47738	1.01132	0.11108	12	8.47738	1.01132	0.11108
Method Group 010.XX PCT			19	8.52887	0.89415	0.11858	18	8.45297	0.85439	0.10128
Loss on Drying, 135 deg 2 hr	930.15	011.01	72	9.34207	0.31031	0.09184	67	9.34201	0.30916	0.07037
Loss on Drying, High Temp Methods, Misc		011.99	1	8.57500	0.06364	0.09000	1	8.57500	0.06364	0.09000
Method Group 011.XX PCT			73	9.33156	0.32093	0.09182	68	9.33073	0.32059	0.07065
Starch, Polarimetric (Ewers)		012.00	9	13.2472	0.63200	0.21667	9	13.2472	0.63200	0.21667
Starch, Megazyme		012.01	2	12.6925	1.17017	0.68500	2	12.6925	1.17017	0.68500
Starch, Enzymatic		012.03	2	11.9400	1.42494	1.07000	2	11.9400	1.42494	1.07000
Starch, YSI Analyzer		012.04	5	13.9330	1.70518	0.14200	5	13.9330	1.70518	0.14200
Method Group 012.XX PCT			18	13.2308	1.26398	0.34278	18	13.2308	1.26398	0.34278
Fat, Mojonier, Bak Ext	954.02	013.02	17	2.77824	0.44382	0.11529	17	2.77824	0.44382	0.11529
Fat, Soxtec-Acid Hydrolysis		013.10	16	2.43097	0.35897	0.19144	16	2.43097	0.35897	0.19144
Fat, Ankon-Acid Hydrolysis		013.13	1	3.26500	0.06364	0.09000	1	3.26500	0.06364	0.09000
Fat, Pretreat or extended ext, misc ...		013.99	1	2.80000	0.14142	0.20000	1	2.80000	0.14142	0.20000
Method Group 013.XX PCT			35	2.63401	0.44063	0.15180	35	2.63401	0.44063	0.15180
Aluminum, ICP		015.00	10	57.3910	7.91656	3.62550	9	56.2678	7.19140	2.58389
Method Group 015.XX PPM			10	57.3910	7.91656	3.62550	9	56.2678	7.19140	2.58389
Arsenic, AA, Hydride		016.00	2	0.25025	0.10205	0.08850	2	0.25025	0.10205	0.08850
Method Group 016.XX PPM			2	0.25025	0.10205	0.08850	2	0.25025	0.10205	0.08850
Boron, ICP		017.00	7	10.7529	1.76573	0.64286	6	10.7367	1.85532	0.36667
Boron, Misc		017.99	1	10.7500	0.07071	0.10000	1	10.7500	0.07071	0.10000
Method Group 017.XX PPM			8	10.7525	1.64391	0.57500	7	10.7386	1.70677	0.32857
Cadmium, ICP		018.02	2	0.10150	0.00520	0.00600	2	0.10150	0.00520	0.00600

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Method Group 018.XX PPM			2	0.10150	0.00520	0.00600	2	0.10150	0.00520	0.00600
Calcium, Ox-Mn04 Vol	927.02	019.00	13	0.78008	0.05120	0.01605	12	0.77134	0.04131	0.01156
Calcium, At Abs Spect	968.08	019.01	53	0.76500	0.06044	0.01934	52	0.76597	0.05944	0.01644
Calcium, Semiauto (Autoanalyzer)		019.03	5	0.80470	0.06205	0.02860	6	0.83558	0.09139	0.02383
Calcium, ICP, Dry Ash		019.05	41	0.77667	0.03663	0.02215	39	0.77598	0.03429	0.01764
Calcium, EDTA		019.08	6	0.76685	0.04971	0.02197	6	0.76685	0.04971	0.02197
Calcium, ICP, Wet Ash		019.09	24	0.80101	0.05917	0.02565	24	0.80101	0.05917	0.02565
Calcium, Misc		019.99	4	0.75963	0.01802	0.01425	4	0.75963	0.01802	0.01425
Method Group 019.XX PCT			146	0.77683	0.05376	0.02116	142	0.77632	0.05232	0.01851
Chromium, AA		020.00	1	6.40000	0.00000	0.00000	1	6.40000	0.00000	0.00000
Chromium, ICP		020.01	7	11.6713	5.18245	1.43171	7	11.6713	5.18245	1.43171
Chromium, Misc		020.99	1	15.6000	0.42426	0.60000	1	15.6000	0.42426	0.60000
Method Group 020.XX PPM			9	11.5221	5.06065	1.18022	9	11.5221	5.06065	1.18022
Cobalt, AA	968.08	021.01	4	1.94700	0.25935	0.17200	4	1.94700	0.25935	0.17200
Cobalt, ICP		021.02	13	1.62669	0.34326	0.12062	13	1.62669	0.34326	0.12062
Cobalt, Misc.		021.99	3	1.83183	0.34225	0.21220	3	1.83183	0.34225	0.21220
Method Group 021.XX PPM			20	1.72153	0.34773	0.14463	20	1.72153	0.34773	0.14463
Copper, AA	968.08	022.01	31	15.8556	5.04235	1.76081	30	15.7842	5.05804	1.55283
Copper, ICP, Dry Ash	968.08	022.03	34	16.3295	5.46785	1.99209	32	15.7270	4.72756	1.35659
Copper, ICP, Wet Ash	968.08	022.05	25	24.1262	3.29097	2.12760	24	23.9856	3.15041	1.84125
Copper, Misc		022.99	4	17.3964	5.85465	2.08358	4	17.3964	5.85465	2.08358
Method Group 022.XX PPM			94	18.2922	5.96914	1.95575	90	18.0225	5.77595	1.58356
Fluorine, Ion Sel Elect	975.08	023.01	1	0.00250	0.00071	0.00100	1	0.00250	0.00071	0.00100
Iron, AA	968.08	025.01	22	264.000	32.9784	9.38545	20	260.581	30.6735	6.76250
Iron, ICP, Dry Ash	968.08	025.03	32	265.884	30.5139	14.8414	30	264.393	29.4256	11.3308
Iron, ICP, Wet Ash	968.08	025.05	18	265.103	38.8488	10.9383	16	264.365	39.6031	7.55562
Iron, Misc		025.99	1	269.000	4.24264	6.00000	1	269.000	4.24264	6.00000
Method Group 025.XX PPM			73	265.166	33.0505	12.1136	67	263.317	32.0816	8.98604
Lead, Misc		026.99	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Magnesium, AA	968.08	027.01	32	0.20994	0.01679	0.00556	31	0.20752	0.01814	0.00477
Magnesium, ICP, Dry Ash	968.08	027.03	34	0.20827	0.01032	0.00594	31	0.20732	0.00920	0.00414
Magnesium, ICP, Wet Ash	968.08	027.05	23	0.21582	0.01265	0.00641	22	0.21525	0.01231	0.00551
Magnesium, Misc.		027.99	2	0.20725	0.00377	0.00250	2	0.20725	0.00377	0.00250
Method Group 027.XX PCT			91	0.21075	0.01367	0.00585	85	0.20994	0.01327	0.00461
Manganese, AA	968.08	028.01	31	89.5414	14.6461	2.61442	30	88.1761	12.7515	2.46823
Manganese, ICP, Dry Ash	968.08	028.03	33	91.8542	10.5894	4.09545	30	91.6556	10.4980	2.41967
Manganese, ICP, Wet Ash	968.08	028.05	24	113.869	6.51825	3.55667	24	113.869	6.51825	3.55667
Manganese, Misc.		028.99	4	105.949	12.3390	4.14425	4	105.949	12.3390	4.14425
Method Group 028.XX PPM			92	97.4307	15.3108	3.45798	88	97.1774	15.0880	2.82470

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Nitrate, Color	968.07	030.00	1	0.02050	0.00071	0.00100	1	0.02050	0.00071	0.00100
Phosphorus, Vol	964.06	031.00	2	0.44530	0.01455	0.00050	2	0.44530	0.01455	0.00050
Phosphorus, Photometric	965.17	031.01	58	0.41270	0.02344	0.01157	54	0.41207	0.02231	0.00891
Phosphorus, GQMP (2.028)	964.06	031.02	5	0.39856	0.02039	0.01020	5	0.39856	0.02039	0.01020
Phosphorus, Autoanalyzer		031.03	7	0.39743	0.02659	0.00886	7	0.39743	0.02659	0.00886
Phosphorus, ICP		031.05	67	0.41733	0.02532	0.01691	64	0.41745	0.02416	0.01469
Phosphorus, Hach Method		031.06	4	0.42500	0.04902	0.01650	4	0.42500	0.04902	0.01650
Phosphorus, Misc		031.99	7	0.40286	0.03338	0.00857	7	0.40286	0.03338	0.00857
Method Group 031.XX PCT			150	0.41389	0.02637	0.01363	143	0.41366	0.02562	0.01162
Potassium, AA	975.03	032.01	32	1.06485	0.10058	0.02833	30	1.06234	0.10228	0.02255
Potassium, Flame Emission	956.01	032.02	6	1.07283	0.09081	0.01733	6	1.07283	0.09081	0.01733
Potassium, ICP		032.05	58	1.10641	0.09113	0.02348	55	1.10793	0.08801	0.01920
Potassium, Misc		032.99	4	1.02625	0.14784	0.02750	4	1.02625	0.14784	0.02750
Method Group 032.XX PCT			100	1.08789	0.09881	0.02482	95	1.08787	0.09818	0.02049
Salt, Sol Cl	943.01	033.00	21	0.84765	0.03841	0.01869	20	0.84904	0.03717	0.01463
Salt, Poten Cl	969.10	033.01	34	0.85955	0.04265	0.01688	31	0.85919	0.04259	0.01142
Salt, Quantab		033.03	7	0.87071	0.06391	0.03000	7	0.87071	0.06391	0.03000
Salt, Ion Sel Electrode		033.05	1	0.84000	0.01414	0.02000	1	0.84000	0.01414	0.02000
Salt, Misc		033.99	8	0.80518	0.08101	0.02305	8	0.80518	0.08101	0.02305
Method Group 033.XX PCT			71	0.85073	0.05183	0.01945	67	0.85063	0.05202	0.01583
Selenium, Fluor	969.06	034.01	3	0.47267	0.02842	0.03600	3	0.47267	0.02842	0.03600
Selenium, AA, Hydride		034.04	10	0.46404	0.07163	0.03166	9	0.46004	0.07063	0.01962
Selenium, ICP		034.05	2	0.37250	0.03202	0.00500	2	0.37250	0.03202	0.00500
Selenium, Misc		034.99	2	0.36250	0.05188	0.03500	2	0.36250	0.05188	0.03500
Method Group 034.XX PPM			17	0.44285	0.07232	0.02968	16	0.43928	0.07091	0.02279
Sodium, AA		035.00	26	0.24134	0.02716	0.01035	24	0.23791	0.02423	0.00746
Sodium, Ion Sel Electrode		035.01	4	0.24454	0.03174	0.00258	4	0.24454	0.03174	0.00258
Sodium, ICP		035.03	54	0.24195	0.02294	0.00804	52	0.24221	0.02282	0.00720
Sodium, Flame Emission	956.01	035.05	8	0.24753	0.01839	0.00555	8	0.24753	0.01839	0.00555
Sodium, Misc		035.99	1	0.25500	0.00707	0.01000	1	0.25500	0.00707	0.01000
Method Group 035.XX PCT			93	0.24251	0.02405	0.00826	89	0.24178	0.02318	0.00694
Sulfur, ICP		036.03	21	0.26688	0.02451	0.01401	19	0.26629	0.02331	0.00917
Sulfur, LECO		036.04	4	0.24734	0.01397	0.00452	4	0.24734	0.01397	0.00452
Method Group 036.XX PCT			25	0.26375	0.02414	0.01250	23	0.26299	0.02302	0.00836
Zinc, AA	968.08	037.01	29	75.1244	17.3010	3.49755	28	74.5279	17.2713	3.17782
Zinc, ICP, Dry Ash	968.08	037.03	34	79.7148	16.4514	5.49488	31	78.0905	15.4835	3.28471
Zinc, ICP, Wet Ash	968.08	037.05	25	94.0656	9.43231	4.84232	23	94.5040	9.10597	3.58078
Zinc, Misc		037.99	5	78.3308	8.55988	3.45170	5	78.3308	8.55988	3.45170
Method Group 037.XX PPM			93	82.0667	16.5585	4.58679	87	81.2969	16.4362	3.33818

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Molybdenum, ICP		038.00	5	1.75670	0.32641	0.10940	5	1.75670	0.32641	0.10940
Molybdenum, Misc		038.99	1	1.60000	0.00000	0.00000	1	1.60000	0.00000	0.00000
Method Group 038.XX PPM			6	1.73058	0.30148	0.09117	6	1.73058	0.30148	0.09117
Nickel, AA		039.01	1	8.45000	0.07071	0.10000	1	8.45000	0.07071	0.10000
Nickel, ICP		039.02	6	9.80583	2.75849	0.58567	6	9.80583	2.75849	0.58567
Method Group 039.XX PPM			7	9.61214	2.58484	0.51629	7	9.61214	2.58484	0.51629
Barium, ICP		040.00	1	5.55500	0.02121	0.03000	1	5.55500	0.02121	0.03000
Vanadium, ICP		041.00	1	0.92475	0.05480	0.07750	1	0.92475	0.05480	0.07750
Chlorotetracycline, Plate	967.39	051.00	14	65.9629	7.88976	3.26000	14	65.9629	7.88976	3.26000
Chlorotetracycline, HPLC		051.03	7	69.6441	10.3592	3.63457	7	69.6441	10.3592	3.63457
Method Group 051.XX G/TON			21	67.1900	8.83763	3.38486	21	67.1900	8.83763	3.38486
Sulfamethazine,	969.57	082.00	6	0.00531	0.00055	0.00022	6	0.00531	0.00055	0.00022
Sulfamethazine, HPLC		082.01	6	0.00584	0.00038	0.00032	6	0.00584	0.00038	0.00032
Sulfamethazine, HPLC-PCD	999.16	082.02	2	0.00670	0.00016	0.00023	2	0.00670	0.00016	0.00023
Method Group 082.XX PCT			14	0.00573	0.00064	0.00026	14	0.00573	0.00064	0.00026
Thiamine, HPLC		105.00	1	2.68000	0.22627	0.32000	1	2.68000	0.22627	0.32000
Vitamin A, Color	974.29	106.00	2	5.65250	0.81835	0.49500	2	5.65250	0.81835	0.49500
Vitamin A, HPLC		106.02	17	6.09476	1.28016	0.56179	16	6.11087	1.29762	0.48027
Vitamin A, Misc		106.99	2	4.44100	1.45377	0.00300	2	4.44100	1.45377	0.00300
Method Group 106.XX KU/LB			21	5.89514	1.32957	0.50221	20	5.89805	1.34670	0.43402
Vitamin D3, HPLC		108.02	2	7.40250	3.93075	0.31500	2	7.40250	3.93075	0.31500
Method Group 108.XX KU/LB			2	7.40250	3.93075	0.31500	2	7.40250	3.93075	0.31500
Vitamin E, HPLC		109.02	8	8.87797	4.75414	0.62421	8	8.87797	4.75414	0.62421
Method Group 109.XX MG/KG			8	8.87797	4.75414	0.62421	8	8.87797	4.75414	0.62421
Alanine, Post-col Ninhydrin Der	994.12	120.00	11	0.55315	0.03333	0.02165	11	0.55315	0.03333	0.02165
Method Group 120.XX PCT			11	0.55315	0.03333	0.02165	11	0.55315	0.03333	0.02165
Arginine, Post-col Ninhydrin Der	994.12	121.00	9	0.55664	0.02928	0.01794	9	0.55664	0.02928	0.01794
Method Group 121.XX PCT			9	0.55664	0.02928	0.01794	9	0.55664	0.02928	0.01794
Aspartic, Post-col Ninhydrin Der	994.12	122.00	10	0.94628	0.03987	0.03797	9	0.94954	0.03371	0.02730
Method Group 122.XX PCT			10	0.94628	0.03987	0.03797	9	0.94954	0.03371	0.02730
Cysteine/Cystine, PAO Post-col Ninhydrin Der	994.12	124.00	9	0.17324	0.02280	0.01251	9	0.17324	0.02280	0.01251
Cysteine/Cystine, PAO Post-col OPA Der		124.02	1	0.14000	0.00000	0.00000	1	0.14000	0.00000	0.00000
Cysteine/Cystine, PAO Pre-col AQC Der		124.05	1	0.16000	0.00000	0.00000	1	0.16000	0.00000	0.00000
Method Group 124.XX PCT			11	0.16902	0.02289	0.01024	11	0.16902	0.02289	0.01024
Glutamic, Post-col Ninhydrin Der	994.12	125.00	11	1.51027	0.07853	0.05830	10	1.51590	0.07210	0.04233
Method Group 125.XX PCT			11	1.51027	0.07853	0.05830	10	1.51590	0.07210	0.04233
Glycine, Post-col Ninhydrin Der	994.12	126.00	11	0.48150	0.02562	0.01728	11	0.48150	0.02562	0.01728
Method Group 126.XX PCT			11	0.48150	0.02562	0.01728	11	0.48150	0.02562	0.01728
Histidine, Post-col Ninhydrin Der	994.12	127.00	11	0.24899	0.03084	0.01055	11	0.24899	0.03084	0.01055

- Pass 1 Results for 194 Labs - - Pass 2 Results for 194 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 127.XX PCT			11	0.24899	0.03084	0.01055	11	0.24899	0.03084	0.01055
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	11	0.34052	0.02894	0.00846	11	0.34052	0.02894	0.00846
Method Group 128.XX PCT			11	0.34052	0.02894	0.00846	11	0.34052	0.02894	0.00846
Leucine, Post-col Ninhydrin Der	994.12	129.00	11	0.72616	0.03311	0.02119	10	0.72788	0.03150	0.01491
Method Group 129.XX PCT			11	0.72616	0.03311	0.02119	10	0.72788	0.03150	0.01491
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	11	0.47547	0.03259	0.01601	10	0.47617	0.03230	0.01071
L-Lysine, Pre-col AQC Der		130.05	1	0.48500	0.00707	0.01000	1	0.48500	0.00707	0.01000
Method Group 130.XX PCT			12	0.47626	0.03130	0.01551	11	0.47697	0.03087	0.01065
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	9	0.13608	0.02130	0.00548	8	0.13891	0.02057	0.00354
Methionine, PAO Post-col OPA Der		131.02	2	0.12325	0.00472	0.00650	2	0.12325	0.00472	0.00650
Methionine, PAO Pre-col AQC Der		131.05	1	0.15000	0.00000	0.00000	1	0.15000	0.00000	0.00000
Method Group 131.XX PCT			12	0.13510	0.01957	0.00519	11	0.13707	0.01898	0.00375
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	10	0.42483	0.03568	0.01981	10	0.42483	0.03568	0.01981
Method Group 132.XX PCT			10	0.42483	0.03568	0.01981	10	0.42483	0.03568	0.01981
Proline, Post-col Ninhydrin Der	994.12	133.00	10	0.61283	0.03655	0.01164	10	0.61283	0.03655	0.01164
Method Group 133.XX PCT			10	0.61283	0.03655	0.01164	10	0.61283	0.03655	0.01164
Serine, Post-col Ninhydrin Der	994.12	134.00	10	0.46185	0.02775	0.02233	10	0.46185	0.02775	0.02233
Method Group 134.XX PCT			10	0.46185	0.02775	0.02233	10	0.46185	0.02775	0.02233
Threonine, Post-col Ninhydrin Der	994.12	135.00	11	0.38382	0.02819	0.01652	10	0.38406	0.02814	0.01247
Threonine, Pre-col AQC Der		135.05	1	0.34000	0.00000	0.00000	1	0.34000	0.00000	0.00000
Method Group 135.XX PCT			12	0.38017	0.02964	0.01514	11	0.38005	0.02974	0.01134
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	2	0.12295	0.02498	0.00540	2	0.12295	0.02498	0.00540
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	4	0.11163	0.01370	0.00390	4	0.11163	0.01370	0.00390
Tryptophan, Misc		136.99	1	0.11000	0.00000	0.00000	1	0.11000	0.00000	0.00000
Method Group 136.XX PCT			7	0.11463	0.01659	0.00377	7	0.11463	0.01659	0.00377
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	8	0.32360	0.03678	0.02105	8	0.32360	0.03678	0.02105
Method Group 137.XX PCT			8	0.32360	0.03678	0.02105	8	0.32360	0.03678	0.02105
Valine, Post-col Ninhydrin Der	994.12	138.00	11	0.45581	0.04865	0.01015	11	0.45581	0.04865	0.01015
Method Group 138.XX PCT			11	0.45581	0.04865	0.01015	11	0.45581	0.04865	0.01015
Aflatoxin, Neogen Vera-Tox		300.01	1	5.50000	0.00000	0.00000	1	5.50000	0.00000	0.00000

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
-- Method 000.01 --			-- Method 001.07 --			-- Method 001.99 --			-- Method 002.02 --			-- Method 002.05 --		
278	2.7500	.71	140	8.3400	.30	357	8.3800 R	.86	Avg	12.325		083	12.100	-.69
			588	8.3550	.29	096	8.5000	.70	169	12.315	-.09	354	12.070	-.71
-- Method 000.99 --			083	8.3000	.19	672	8.3800	.43	187	12.285	-.19	178	12.050	-.88
265	2.0600	.71	089	8.3200	.18	Avg	8.3591		042	12.095	-1.11	140	11.950	-1.12
			048	8.3050	.13	665	8.3100	-.18	033	11.965	-1.75	596	11.800	-1.49
-- Method 001.00 --			035	8.2700	.07	619	8.2700	-.26	043	11.845 R	-2.65	179	11.634	-1.98
032	9.6000 s	3.92	Avg	8.2651		681	8.2450	-.33	307	11.700 s	-3.32			
001	8.6950	1.29	592	8.2500	-.17	656	8.2150	-.54				-- Method 002.06 --		
309	8.6350	1.13	045	8.1800	-.29	631	8.0700	-.83	-- Method 002.03 --			417	14.315 s	4.07
169	8.3700	.35	607	8.1598	-.34	615	8.0950	-.83	037	12.720	1.04	645	14.200 s	3.82
027	8.2950	.13	297	8.1650	-.35	536	7.9100	-1.29	265	12.300	.23	141	13.320	2.01
Avg	8.2543		616	8.2050	-.38				Avg	12.255		660	13.325	2.00
509	8.0600	-.57	640	8.1400	-.40	-- Method 002.00 --			536	11.745	-1.17	686	13.285	1.94
720	8.0200	-.68	353	8.2400	-.48	353	13.010	1.27				407	13.290	1.92
029	7.7050	-1.62	689	8.1000	-.52	405	12.780	.41	-- Method 002.04 --			179	13.254	1.86
			669	8.0650	-.64	Avg	12.716		591	14.500 S	2.22	345	13.115	1.58
-- Method 001.03 --			278	8.0000	-.84	199	12.680	-.28	509	13.325	.87	541	13.070	1.48
567	8.6000	1.44	581	7.9400	-1.03	015	12.395	-1.28	Avg	12.563		018	12.990	1.41
688	8.4000	.08	591	7.9300	-1.06				596	11.800	-.86	353	13.015	1.40
Avg	8.3875		177	7.9100	-1.14	-- Method 002.01 --						171	13.000	1.39
686	8.3200	-.46	187	7.8800	-1.22	653	20.455 s	24.14	-- Method 002.05 --			089	13.020	1.37
663	8.2300	-1.10	648	7.8800	-1.23	652	12.650	1.83	689	13.100	2.33	032	12.990 X	1.32
			015	7.6950	-1.84	607	12.410	1.12	648	12.780	1.34	505	12.955	1.30
-- Method 001.07 --			609	7.6500 R	-2.10	672	12.250	.76	552	12.665	1.11	199	12.950	1.24
662	92.240 s	266.08	074	7.4000	-2.74	723	12.190	.46	621	12.700	1.10	003	12.945	1.23
307	8.9900 R	2.45	004	7.4200 R	-2.77	Avg	12.029		622	12.634	.91	047	12.940	1.21
142	8.8500	1.86	366	7.8500 s	-3.00	656	12.010	-.24	620	12.617	.87	202	12.925	1.19
345	8.7950	1.69				712	11.940	-.63	651	12.491	.51	108	12.825	1.00
098	8.6600	1.26	-- Method 001.08 --			043	11.810	-.64	722	12.480	.48	300	12.830	1.00
413	8.6500	1.23	590	8.7400	.92	714	11.710	-.92	658	12.435	.40	511	12.795	.98
199	8.5900	1.03	Avg	8.3575		121	11.683	-1.07	305	12.405	.25	692	12.810	.97
414	8.5750	.98	676	7.9750	-.80	685	11.640	-1.12	Avg	12.317		049	12.800	.96
049	8.5600	.94	560	6.9800 S	-2.92				633	12.306	-.04	002	12.775	.90
559	8.5000	.92				-- Method 002.02 --			663	12.250	-.20	021	12.775	.89
550	8.5350	.86	-- Method 001.99 --			669	12.695	1.83	350	12.216	-.39	616	12.755	.85
571	8.5150	.79	630	12.135 s	10.79	297	12.455	.64	177	12.180	-.40	647	12.720	.82
178	8.5000	.74	541	9.6500 S	3.75	036	12.356	.48	028	12.130	-.54	039	12.730	.81
693	8.4135	.58	405	9.0250	1.90	048	12.385	.30	625	12.202	-.60	034	12.730	.79
038	8.3700	.33	305	8.9300	1.63	152	12.375	.25	623	12.107	-.63	598	12.690	.77

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 002.06	--	--	Method 002.06	--	--	Method 002.06	--	--	Method 002.11	--	--	Method 003.00	--
309	12.601	.76	009	12.315	-.37	119	11.705	-1.34	Avg	12.650		353	2.0200	-1.07
074	12.665	.72	175	12.150	-.38	358	11.805 R	-1.58	573	12.240	-.94	187	1.8500	-1.54
242	12.690	.71	682	12.140	-.39	229	11.510	-1.65	640	12.235	-.95	033	1.8450	-1.58
011	12.450	.68	142	12.150	-.48	539	11.915 R	-1.73	011	12.200	-1.05	049	1.8700 R	-1.83
164	12.655	.64	590	12.105	-.48	013	11.470	-1.73	567	10.850 S	-4.23	616	1.7750	-2.04
674	12.635	.60	610	12.200	-.48	017	11.465	-1.74	--	Method 002.99	--	527	1.4100 s	-4.41
354	12.605	.56	027	12.080	-.51	294	11.430	-1.82	724	14.765 S	19.46	015	1.4000 s	-5.17
672	12.450	.55	609	12.100	-.51	045	11.350	-1.98	643	12.630	.73	--	Method 003.04	--
589	12.335	.47	038	12.065	-.56	693	11.344	-1.99	Avg	12.558		681	1.9300	-.71
670	12.560	.45	687	12.050	-.58	720	11.325	-2.03	640	12.485	-.98	--	Method 003.06	--
709	12.385	.44	121	12.045	-.58	527	11.085	-2.51	630	2.5850 S	-87.83	658	3.8900 s	12.93
185	12.530	.40	138	12.040	-.59	--	Method 002.08	--	--	Method 003.00	--	621	2.3800 s	3.23
510	12.500	.39	559	12.215	-.62	291	12.555	1.22	596	2.7000 A	3.98	689	2.3000	2.64
520	12.500	.38	205	12.060	-.63	610	12.500	1.07	142	2.3500	1.74	588	2.1700	1.80
001	12.505	.37	006	12.015	-.66	Avg	12.180		309	2.3250	1.60	407	2.0900	1.29
042	12.470	.30	529	12.005	-.67	160	12.180	-.13	563	2.3000	1.39	581	2.0500	1.03
190	12.480	.29	366	11.995	-.69	062	11.997	-.60	354	2.1550	.81	640	2.0300	.91
132	12.400	.29	010	12.200	-.70	414	12.125	-.62	655	2.2000	.80	074	1.9550 R	.74
615	12.420	.26	226	11.950	-.78	563	11.725	-1.45	132	2.2100	.80	567	1.9000 R	.65
588	12.465	.26	263	11.951	-.78	309	11.610 R	-2.67	307	2.1450	.78	688	1.9500	.50
144	12.450	.26	035	11.940	-.79	--	Method 002.10	--	152	2.2000	.73	684	1.9350	.33
036	12.430	.25	100	11.940	-.80	655	13.595	1.93	017	2.1800	.66	148	1.9400	.32
619	12.400	.24	414	12.185 R	-.81	629	12.470	.06	048	2.1700	.54	Avg	1.8913	
098	12.400	.24	106	11.955	-.84	Avg	12.433		164	2.1700	.54	199	1.8750	-.11
160	12.440	.23	650	11.910	-.87	619	12.250	-.30	035	2.1550	.44	625	1.8830	-.32
298	12.400	.13	168	11.956	-.88	688	12.100	-.55	190	2.1300	.43	294	1.8300	-.40
014	12.356	.10	676	11.935	-.89	546	12.380	-.61	265	2.0900	.13	552	1.8200	-.50
051	12.380	.09	233	11.890	-.89	596	11.800	-1.00	Avg	2.0872		647	1.8400	-.51
026	12.365	.06	278	11.900	-.89	--	Method 002.11	--	106	2.0750	-.24	229	1.8050	-.60
Avg	12.334		592	11.875	-.93	032	28.885 s	52.22	179	2.0400	-.39	669	1.8000	-.60
363	12.290	-.13	291	11.860	-.95	588	14.580 S	4.40	509	2.0250	-.44	511	1.7750	-.77
029	12.260	-.15	646	11.820	-1.03	713	13.260 R	2.22	026	1.9850	-.67	009	1.7750	-.79
413	12.250	-.20	019	11.850	-1.05	648	13.110	1.16	615	2.0600	-.67	559	1.7700	-.79
033	12.275	-.21	596	11.800	-1.07	665	13.150	1.15	175	1.9900	-.71	185	1.7700	-.81
096	12.220	-.26	673	11.800	-1.09	178	12.850	.92	676	1.9800	-.83	297	1.7550	-.89
004	12.245	-.26	567	11.935 R	-1.21	672	12.765	.28	300	1.9650	-.93	169	1.7550	-.89
550	12.200	-.27	357	11.720	-1.23				027	1.9650	-.97	682	1.6900	-1.30
571	12.219	-.30	684	11.750	-1.33									
148	12.160	-.35	512	11.695	-1.33									

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 003.06	--	--	Method 003.10	--	--	Method 003.11	--	--	Method 003.99	--	--	Method 004.03	--
122	1.2200 s	-4.57	242	2.1400	1.25	178	1.3500	-.96	631	2.0800	.64	045	25.735	1.50
			233	2.0450	.80	665	1.3400	-1.02	Avg	1.9583		Avg	24.849	
--	Method 003.09	--	672	1.9500 R	.79	713	1.4650	-1.04	047	1.7150	-1.26	190	24.665	-.49
140	2.2450	1.84	520	2.0300	.75	032	0.8350 s	-4.51				676	24.495	-.65
651	2.2345	1.73	045	2.0200	.69				--	Method 004.00	--	619	24.500	-.77
510	2.2000	1.64	693	1.9650	.61	--	Method 003.12	--	559	27.200 R	2.11			
004	2.1500	1.25	648	1.9800	.54	670	2.1800	1.26	647	26.900	1.72	--	Method 004.06	--
620	2.1278	1.10	100	1.9800	.49	021	2.1150	1.26	345	26.475	1.33	673	27.500	2.80
546	1.9550	.99	651	1.9650	.46	414	2.0050	.04	309	26.435	1.30	178	27.300 s	2.77
590	2.0250	.51	034	1.9350	.27	Avg	2.0017		298	26.430	1.29	140	26.140	1.23
354	1.9950	.37	178	1.9000	.10	646	1.9900	-.28	265	26.360	1.24	720	25.840	.95
358	1.9500	.36	Avg	1.8785		171	1.9200	-.59	509	26.040	.98	689	25.800	.87
673	2.0000	.34	144	1.8750	-.03	357	1.8000	-1.38	511	25.800	.79	633	25.822	.86
263	1.9830	.23	119	1.8550	-.11				199	25.735	.73	722	25.805	.86
656	1.9800	.22	062	1.8555	-.12	--	Method 003.13	--	015	25.400 R	.67	552	25.315	.66
723	1.9700	.17	607	1.8707	-.12	660	2.3100	1.34	354	24.855	.30	625	25.550	.64
633	1.9688	.16	298	1.8300	-.24	Avg	1.9635		563	24.875	.04	670	25.560	.59
202	1.9650	.15	291	1.8400	-.26	205	1.8155	-.50	Avg	24.830		354	25.515	.52
Avg	1.9438		098	1.8250	-.26	028	1.7650	-.68	042	24.785	-.04	350	25.467	.45
350	1.9263	-.11	573	1.8150	-.30				034	24.720	-.09	027	25.450	.45
098	1.9100	-.36	345	1.7500	-.66	--	Method 003.14	--	169	24.710	-.15	607	25.154	.25
685	1.8600	-.51	089	1.7200	-.75	598	2.1550	1.38	009	24.615	-.18	Avg	25.075	
653	1.8750	-.52	108	1.8350 R	-.81	185	2.1050	1.17	596	24.600	-.19	609	24.965	-.16
121	1.8600	-.53	629	1.7000	-.85	019	2.0100 R	1.12	353	24.465	-.35	655	24.895	-.30
226	1.9000	-.65	619	1.6350	-1.16	414	1.9350	.87	175	24.300	-.43	588	24.805	-.31
674	1.8850	-.67	596	1.6000	-1.33	144	1.9550	.51	171	24.140	-.59	590	24.815	-.32
038	1.8200	-.80	051	1.6000	-1.33	Avg	1.8410		164	24.100	-.59	656	24.855	-.35
001	1.8000	-.87	366	1.5950	-1.37	550	1.8400	-.09	039	23.878	-.77	205	24.550	-.63
505	1.9000	-.99	042	1.5850	-1.40	049	1.8200	-.16	226	23.600	-1.02	610	24.750	-.64
305	1.6950	-1.48	363	1.5750	-1.45	686	1.8300	-.18	048	22.860	-1.59	672	24.350	-.85
714	1.9370 R	-1.52	609	1.0100 s	-4.14	175	1.8100	-.19	132	22.835	-1.61	653	24.260	-.99
413	1.6500	-1.78				529	1.5100	-1.45	510	22.400	-1.96	723	24.215	-.99
013	1.5950	-2.08	--	Method 003.11	--	278	1.4500	-1.73				688	24.200	-1.01
			567	1.7500	1.82				--	Method 004.01	--	620	24.155	-1.07
--	Method 003.10	--	648	1.6500	.98	--	Method 003.99	--	366	26.980	.86	098	23.900	-1.47
720	2.4300	2.62	Avg	1.4969		630	8.6850 S	34.91	Avg	26.503		685	23.400	-1.94
160	2.2500	1.77	672	1.4900	-.04	417	3.3400 S	7.22	693	26.025	-.87			
623	2.1337 R	1.56	640	1.4750	-.16	652	2.6500 S	3.67						
591	2.1900	1.48	588	1.4550	-.38	536	2.0800	.70						

* 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 004.07	--	--	Method 004.07	--	--	Method 005.00	--	--	Method 005.00	--	--	Method 005.00	--
144	30.555 s	4.55	004	23.860	-.91	294	8.8200	1.43	142	8.6500	.48	350	8.5218	-.43
294	28.175	2.61	631	23.615	-1.11	646	8.8200	1.43	187	8.6600	.44	199	8.5450	-.45
300	27.255	1.86	413	23.600	-1.19	108	8.7950	1.34	592	8.6600	.43	674	8.5150	-.48
242	27.130	1.78	019	23.415	-1.29	278	8.7650	1.24	171	8.6400	.40	309	8.4933	-.62
414	26.925 R	1.69	520	23.225	-1.43	723	8.7850	1.21	552	8.6500	.37	164	8.4850	-.67
669	26.387	1.16	278	23.100	-1.56	510	8.7800	1.20	021	8.6400	.36	619	8.5700 R	-.70
042	26.320	1.10	674	23.010	-1.66	229	8.7650	1.09	505	8.6450	.35	625	8.4865	-.71
592	26.285	1.08	307	22.800	-1.77	650	8.7600	1.07	660	8.6450	.35	539	8.4750	-.72
682	26.200	1.00	536	19.770 s	-4.26	722	8.7620	1.07	015	8.6400	.33	682	8.4700	-.76
709	26.075	.97				178	8.7500	1.04	138	8.6250	.26	656	8.5700 R	-.76
028	26.050	.88	--	Method 004.11	--	672	8.7500	1.04	651	8.6270	.23	004	8.4550	-.85
089	25.970	.81	567	24.100	1.58	688	8.7500	1.04	144	8.6250	.22	345	8.4700	-.87
185	25.910	.78	713	23.940	1.57	629	8.7550	1.03	202	8.6200	.18	152	8.4450	-.91
567	25.000 R	.73	640	23.850	.71	185	8.7500	1.03	034	8.6050	.18	596	8.4500	-.93
229	25.525	.56	Avg	23.535		720	8.7400	1.00	563	8.6150	.18	226	8.4500	-.93
033	25.630	.54	672	23.425	-.24	588	8.7450	.96	363	8.6100	.17	622	8.4425	-.94
581	25.640	.54	648	23.360	-.52	179	8.7435	.95	001	8.5950	.16	098	8.5500 R	-.97
032	25.500	.49	665	23.355	-.60	591	8.7400	.94	631	8.6000	.14	643	8.4350	-.97
160	25.525	.45	011	23.450	-.75	567	8.7000	.92	083	8.6000	.06	414	8.4300	-1.01
100	25.515	.44	588	23.185	-.78	353	8.6950	.84	Avg	8.5909		550	8.4350	-1.03
643	25.390	.36	178	23.150	-1.09	616	8.6100 R	.82	148	8.5900	-.01	305	8.4250	-1.04
686	25.235	.22	032	20.555 s	-7.99	298	8.7200	.81	033	8.5850	-.05	366	8.4250	-1.07
003	25.000	.09				623	8.6280 R	.81	291	8.5850	-.05	100	8.4200	-1.07
Avg	24.976		--	Method 004.99	--	669	8.7150	.79	686	8.5750	-.10	709	8.4250	-1.11
407	24.885	-.08	629	24.850	1.04	676	8.7000	.71	205	8.5735	-.11	019	8.4950 R	-1.14
529	24.860	-.11	598	24.240	.53	265	8.6950	.69	242	8.5800	-.14	160	8.4050	-1.17
011	24.775	-.17	Avg	24.223		297	8.7000	.68	089	8.5650	-.16	598	8.3700	-1.39
291	24.785	-.18	648	23.580	-1.07	640	8.7000	.68	027	8.5650	-.16	633	8.3623	-1.44
646	24.785	-.20	640	19.460 S	-7.86	645	8.7000	.68	529	8.5650	-.16	169	8.3450	-1.54
122	24.640	-.32	724	13.410 S	-17.81	045	8.6900	.63	300	8.5750	-.18	062	8.3345	-1.60
013	24.570	-.33				520	8.6900	.63	175	8.5700	-.23	049	8.3400 R	-1.74
708	24.405	-.49	--	Method 005.00	--	413	8.6000	.63	051	8.5550	-.24	684	8.3000	-1.82
035	24.330	-.53	655	9.0750 s	3.22	358	8.6900	.62	140	8.5850	-.28	048	8.2950	-1.85
202	24.125	-.69	693	9.0150 s	2.97	653	8.6650	.62	038	8.5450	-.29	621	8.2950	-1.85
096	24.195	-.71	658	8.9800 R	2.53	620	8.6836	.58	559	8.5450	-.30	029	8.2950 R	-2.18
074	24.125	-.73	527	8.9250	2.09	035	8.6800	.56	689	8.5900	-.31	647	8.2350	-2.23
505	24.080	-.73	407	8.9000	1.93	590	8.6750	.55	121	8.5650	-.32	132	8.1900	-2.53
026	24.085	-.74	307	8.8550	1.65	541	8.6650	.54	607	8.5380	-.38	670	8.1450	-2.79
021	23.965	-.82	548	8.8275	1.62	354	8.6700	.51	357	8.5500	-.40	119	8.1300	-2.89

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
-- Method 005.00 --			-- Method 008.02 --			-- Method 008.99 --			-- Method 009.09 --			-- Method 010.99 --		
615	8.1100 s	-3.04	148	35.410	.49	307	35.950	1.80	510	44.900	-.10	655	7.5000	-.97
609	8.0700 s	-3.26	171	34.930	.37	164	33.950	.24	185	44.455	-.42	712	6.6050	-1.85
			354	34.990	.26	358	33.700	.03	294	44.050	-.72			
-- Method 005.02 --			045	34.645	.12	Avg	33.683		536	44.555 R	-1.07	-- Method 011.01 --		
610	8.7000	.71	Avg	34.512		297	33.680	.00	160	43.300	-1.25	596	10.650 s	4.23
			035	33.945	-.31	720	32.865	-.65	202	43.210	-1.31	108	10.615 s	4.12
-- Method 005.11 --			098	33.650	-.49	656	31.955	-1.34	037	42.410	-1.89	098	9.9500	1.97
672	8.8100	1.24	179	33.280	-.68							643	9.9000	1.80
588	8.7600	1.04	619	31.400	-1.71	-- Method 009.07 --			-- Method 009.99 --			407	9.8800	1.74
Avg	8.5280		590	31.050	-1.89	684	50.460	2.15	720	49.440	1.14	511	9.8200 R	1.65
648	8.4200	-.48	527	30.780	-2.04	307	48.850	1.42	Avg	46.750		185	9.7400	1.29
665	8.3450	-.81				179	47.605	.86	643	46.610	-.34	242	9.7300	1.27
640	8.3050	-.99	-- Method 008.05 --			693	47.565	.85	619	44.200	-1.04	646	9.7300	1.27
178	8.0000 S	-2.36	265	34.050	.71	187	47.040	.61				226	9.7000	1.20
713	7.8300 S	-3.07				164	46.650	.44	-- Method 010.03 --			414	9.6550	1.01
			-- Method 008.08 --			045	46.580	.42	546	4.9650 S	.00	175	9.6500	1.01
-- Method 005.99 --			001	36.880 X	2.06	038	46.340	.30				100	9.6500	1.00
652	9.3000 S	4.04	414	36.330	1.69	Avg	45.693		-- Method 010.11 --			171	9.6300	.96
673	8.9000	1.43	413	34.900 R	1.00	297	45.430	-.12	032	9.8950 R	3.55	160	9.6300	.94
536	8.7450	.81	592	35.465	.99	226	45.300	-.20	640	8.8900	1.14	148	9.6300	.93
648	8.7700	.73	278	35.100	.81	656	44.610	-.51	648	8.7250	.76	559	9.6050	.88
Avg	8.6457		049	34.575	.75	590	44.050	-.74	713	8.5400	.33	722	9.5930	.81
712	8.6300	-.19	536	34.340	.39	309	43.710	-.90	178	8.5000	.33	309	9.5450	.72
663	8.4850	-.92	693	34.510	.33	354	43.640	-.92	Avg	8.4042		062	9.5525	.68
096	8.5000	-.99	581	34.580	.32	663	43.575	-.97	588	8.0700	-.80	233	9.5350	.67
681	8.4900	-1.18	510	34.500	.26	098	43.600	-.99	567	7.7000	-1.66	350	9.5433	.65
122	7.9350 S	-4.00	Avg	34.161		353	41.770	-1.76				658	9.5350	.64
724	7.9400 S	-4.59	357	34.050	-.09				-- Method 010.99 --			620	9.5228	.58
630	6.6350 s	-11.32	033	34.020	-.12	-- Method 009.09 --			724	10.190	1.69	051	9.4150 R	.58
			294	33.910	-.19	414	47.500	1.79	417	9.6600	1.17	651	9.4960	.51
-- Method 008.02 --			529	33.705	-.35	265	47.300	1.62	141	9.3750	.89	622	9.4986	.51
684	37.000	1.38	160	33.655	-.42	413	45.800	.56	714	9.2735	.79	621	9.4400	.48
038	36.815	1.26	037	33.700	-.52	529	45.685	.46	652	8.6500	.23	119	9.4700	.42
187	35.785	.70	686	33.205	-.76	357	45.350	.45	673	8.5500	.09	682	9.4600	.38
226	35.700	.66	004	32.720	-1.18	278	45.550	.38	Avg	8.4774		541	9.4450	.33
141	35.475	.56	202	32.475	-1.28	686	45.380	.30	037	8.3900	-.12	520	9.4300	.33
405	35.465	.55	185	31.340	-2.14	581	45.435	.30	709	8.2200	-.25	625	9.4140	.29
353	35.460	.53				049	45.330	.24	527	7.7600	-.71	363	9.3900	.17
309	35.435	.52				Avg	45.044		168	7.5550	-.91	202	9.3800	.14

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 011.01	--	--	Method 011.01	--	--	Method 012.99	--	--	Method 013.10	--	--	Method 017.99	--
205	9.3605	.13	132	8.5200	-2.66	619	31.200 S	.00	688	1.8500	-1.62	307	10.750	.71
670	9.3500	.10	591	2.8050 s	-21.14									
033	9.3500	.07				--	Method 013.02	--	--	Method 013.13	--	--	Method 018.02	--
164	9.3600	.07	--	Method 011.99	--	051	3.6750	2.02	042	3.2650	.71	011	0.1030	1.19
723	9.3550	.05	684	8.5750	.71	645	3.2000	.98				Avg	0.1015	
653	9.3500	.03	Avg	8.5750		548	3.0950	.77	--	Method 013.99	--	567	0.1000	-.29
Avg	9.3420		610	8.2300 S	-5.56	026	3.0600	.64	689	2.8000	.71			
034	9.3200	-.10	265	8.2200 S	-5.63	065	3.0350	.60				--	Method 019.00	--
138	9.2750	-.23				581	2.9900	.48	--	Method 015.00	--	552	1.7650 s	24.09
539	9.2950	-.26	--	Method 012.00	--	643	2.9650	.45	414	70.000	1.91	646	0.9700 S	4.82
354	9.2750	-.26	178	14.100	1.35	650	2.8850	.25	520	67.500 R	1.80	647	0.8850 R	2.88
529	9.2600	-.27	548	13.755	.81	164	2.8550	.17	353	63.840	1.05	623	0.8367	1.58
229	9.2600	-.27	689	13.650	.68	Avg	2.7782		011	59.036	.63	621	0.8150	1.12
633	9.2376	-.34	653	13.410	.57	354	2.7550	-.06	021	56.950	.63	620	0.7975	.63
645	9.3000	-.35	559	13.450	.33	003	2.7450	-.13	Avg	56.268		132	0.7865	.37
660	9.3250	-.38	Avg	13.247		033	2.7450	-.14	345	54.185	-.30	651	0.7855	.35
674	9.2300	-.40	567	13.100	-.23	616	2.6200	-.36	616	53.350	-.45	622	0.7776	.15
505	9.3400	-.45	672	13.050	-.39	100	2.4650	-.80	045	51.000	-.73	689	0.7750	.15
298	9.2000	-.46	673	12.750	-.88	229	2.1900	-1.33	560	50.350	-.84	722	0.7758	.11
563	9.1800	-.53	354	11.960	-2.04	591	2.1700	-1.37	164	47.700	-1.19	Avg	0.7713	
300	9.1900	-.54				414	1.7800	-2.26				175	0.7500	-.57
358	9.1550	-.61	--	Method 012.01	--				--	Method 016.00	--	681	0.7450	-.73
294	9.1350	-.68	686	13.605	.78	--	Method 013.10	--	567	0.3150	1.05	043	0.7350	-.89
548	9.1375	-.68	Avg	12.693		185	3.0450	1.71	Avg	0.2503		625	0.6765	-2.32
647	9.2000 R	-.72	185	11.780	-.94	353	2.8050	1.26	619	0.1855	-.64	633	0.2603 s	-12.37
021	9.1200	-.74				160	2.7750	.96						
623	9.2093 R	-.87	--	Method 012.03	--	177	2.7550	.94	--	Method 017.00	--	--	Method 019.01	--
152	9.0500	-.96	297	13.005	.76	656	2.7100	.82	021	13.700 s	2.64	596	1.4700 s	11.84
122	9.0400	-.98	Avg	11.940		096	2.6750	.79	560	13.650	1.58	591	0.8850	2.00
592	9.0350	-.99	684	10.875	-.96	Avg	2.4310		353	12.670	1.05	019	0.8600	1.59
598	9.0250	-1.03				297	2.4200	-.06	414	10.850 R	.62	013	0.8430	1.36
650	9.0250	-1.03	--	Method 012.04	--	714	2.3900	-.35	Avg	10.737		619	0.8365	1.21
144	9.0700 R	-1.09	051	16.310	1.40	062	2.2505	-.51	345	9.8850	-.50	034	0.8350	1.16
510	8.9500	-1.28	353	15.380	.85	673	2.2500	-.52	045	9.8000	-.50	674	0.8300	1.09
291	8.9050	-1.41	Avg	13.933		672	2.4000	-.56	693	9.4500	-.71	588	0.8305	1.09
701	8.7950	-1.78	510	13.000	-.55	660	2.4000	-.56	294	8.9650	-.96	039	0.8282	1.05
179	8.7140	-2.04	278	12.850	-.64	539	2.2500	-.60				035	0.8250	1.00
552	8.5900	-2.43	038	12.125	-1.06	663	2.0200	-1.15				609	0.8200	.92
121	8.5750	-2.48				610	1.9000	-1.51				140	0.8195	.91

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 019.01	--	--	Method 019.01	--	--	Method 019.05	--	--	Method 019.09	--	--	Method 020.01	--
709	0.8200	.91	178	0.7150 R	-1.67	029	0.7645	-.36	035	0.8600	1.00	Avg	11.671	
669	0.8155	.85	108	0.6500	-1.95	089	0.7600	-.47	096	0.8350	.58	011	9.6840	-.38
263	0.8088	.72	152	0.6400	-2.13	164	0.7600	-.47	021	0.8290	.48	560	6.7550	-.95
098	0.8050	.70	670	0.6150	-2.54	100	0.7600	-.55	047	0.8218	.36	668	3.3600	-1.60
656	0.8000	.60	548	0.5440 s	-3.86	358	0.7700	-.61	693	0.8105	.29			
650	0.8000	.57				567	0.7550	-.63	186	0.8027	.05	--	Method 020.99	--
631	0.7950	.50	--	Method 019.03	--	083	0.7550	-.63	Avg	0.8010		553	101.50 S	202.47
169	0.7950	.50	048	0.9900 S	1.69	553	0.7525	-.75	668	0.7910	-.29	Avg	15.600	
038	0.7840	.48	036	0.8780	.48	610	0.7490	-.79	190	0.8000	-.34	616	15.600	-.71
620	0.7872	.37	033	0.8605	.28	560	0.7505	-.80	353	0.7850	-.37			
505	0.7850	.33	Avg	0.8047		171	0.7500	-.81	027	0.7920	-.42	--	Method 021.01	--
720	0.7750	.29	043	0.7950	-.52	685	0.7500	-.81	616	0.7720	-.52	619	2.2450	1.15
529	0.7800	.24	307	0.7550	-.92	645	0.7453	-.93	309	0.7689	-.54	140	2.0430	.59
658	0.7725	.21	686	0.7350	-1.10	051	0.7400	-1.09	045	0.7595	-.72	Avg	1.9470	
354	0.7700	.18				026	0.7345	-1.21	357	0.7700	-.73	689	1.8500	-.69
612	0.7700	.18	--	Method 019.05	--	598	0.7400	-1.37	017	0.7500	-.93	164	1.6500	-1.16
205	0.7710	.11	003	0.8350 s	2.78	413	0.7300	-1.37	106	0.7365	-1.09			
001	0.7675 X	.10	520	0.8250 R	2.37	297	0.7550 R	-1.45	366	0.7250	-1.31	--	Method 021.02	--
350	0.7660	.09	168	0.8365	1.78	049	0.7250	-1.66	345	0.7150	-1.48	021	2.3000	1.98
004	0.7700	.07	405	0.8350	1.73	550	0.7135	-1.89	572	0.6945	-1.82	510	2.0350	1.19
014	0.7665	.03	701	0.8305	1.59	265	0.7050 s	-2.81				567	1.8750	.88
Avg	0.7660		187	0.8176	1.21	294	0.6450 s	-3.82	--	Method 019.99	--	616	1.8100	.59
036	0.7600	-.11	510	0.8100	1.15				724	1.5850 S	45.82	560	1.6450	.40
010	0.7550	-.31	148	0.8135	1.10	--	Method 019.08	--	588	1.3650 S	33.60	011	1.7420	.35
065	0.7425	-.40	407	0.8100	.99	689	0.8200	1.09	692	0.7700	.58	029	1.7200	.28
648	0.7350	-.53	300	0.8010	.99	723	0.8150	.97	121	0.7680	.57	Avg	1.6267	
563	0.7310	-.60	226	0.8050	.95	673	0.7900	.51	676	0.7655	.53	169	1.5700	-.17
653	0.7350	-.63	011	0.7944	.94	Avg	0.7668		Avg	0.7596		045	1.5000	-.39
233	0.7400	-.67	414	0.8050	.86	607	0.7596	-.36	629	0.7350	-1.60	572	1.3050	-.94
026	0.7250	-.69	298	0.8000	.76	590	0.7150	-1.05	665	0.5050 S	-14.16	171	1.3000	-1.00
122	0.7250	-.73	242	0.7950	.71	138	0.7015	-1.37				668	1.2450	-1.11
536	0.7150	-.86	185	0.7965	.60				--	Method 020.00	--	106	1.1000	-1.53
363	0.7050	-1.03	144	0.7920	.58	--	Method 019.09	--	164	6.4000	.00			
307	0.7050	-1.11	229	0.7950	.57	032	0.9800 S	3.10				--	Method 021.99	--
141	0.7000	-1.11	682	0.7900	.41	202	0.9050	1.76	--	Method 020.01	--	017	1.9000	.90
278	0.6900	-1.28	291	0.7900	.41	028	0.8950	1.69	021	17.700	1.25	607	2.1105	.81
687	0.6850	-1.36	512	0.7766	.07	160	0.8795	1.33	096	16.500	.94	Avg	1.8318	
142	0.6800	-1.46	Avg	0.7760		037	0.8700	1.18	567	14.200	.57	721	1.4850	-1.01
511	0.6800	-1.48	074	0.7650	-.35	042	0.8565	1.11	045	13.500	.35			

* 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	--
629	102.50 s	17.14	405	23.500	1.65	186	26.600	.83	689	277.00	.61	Avg	264.39	
038	28.500	2.53	185	23.000	1.55	693	24.500	.81	619	268.00 R	.57	144	253.80	-.36
013	26.950	2.22	560	22.400	1.41	169	26.400	.78	038	276.50	.53	291	254.00	-.45
505	23.000	1.44	144	21.450	1.21	668	24.350	.72	278	263.00	.30	026	251.00	-.47
140	21.370	1.14	003	19.500	.96	353	26.110	.69	548	267.15	.22	300	258.95	-.49
278	20.750	1.01	701	20.200	.95	021	26.050	.68	350	266.60	.21	226	250.00	-.50
175	18.000 R	.90	011	19.700	.87	096	25.000	.45	Avg	260.58		610	246.85	-.60
307	19.150	.75	510	19.500	.81	027	25.295	.42	307	260.00	-.26	171	234.50	-1.06
035	19.500	.74	226	18.500	.60	357	24.000	.32	588	249.50	-.36	560	227.00	-1.30
689	19.000	.67	414	17.100	.45	190	24.970	.31	591	249.31	-.37	598	222.50	-1.45
620	18.688	.58	520	17.000	.34	Avg	23.986		354	248.10	-.41	550	216.94	-1.68
669	17.299	.32	229	16.500	.19	572	23.700	-.16	035	241.00	-.64	242	208.50	-1.92
548	17.215	.31	512	15.770	.16	616	23.500	-.38	670	230.79	-.98	049	204.73	-2.03
646	16.750	.20	553	15.800	.11	045	23.000	-.45	563	228.50	-1.05			
004	16.000	.04	Avg	15.727		106	21.950	-.65	014	220.50	-1.31	--	Method 025.05	--
Avg	15.784		610	15.450	-.06	017	22.500	-.67	596	220.00	-1.33	028	1802.0 s	54.24
363	15.605	-.04	164	15.300	-.11	366	22.000	-.71	529	216.60	-1.43	042	343.50	2.03
350	15.200	-.21	407	15.165	-.12	294	21.495	-.80				096	315.00	1.28
354	14.340	-.29	148	15.000	-.16	345	21.330	-.88	--	Method 025.03	--	021	315.00	1.28
656	13.985	-.38	100	14.500	-.28	028	17.500	-2.06	520	303.00 R	1.70	693	296.50 R	.94
098	14.500	-.39	291	14.000	-.42	037	16.670	-2.32	701	311.50	1.60	037	289.60	.65
619	13.700	-.43	029	13.800	-.48				414	305.50	1.43	045	288.00	.60
596	13.500	-.54	074	13.500	-.48	--	Method 022.99	--	553	300.50	1.30	616	280.50	.42
178	12.500	-.66	171	12.000	-.82	692	23.100	.98	265	273.50 R	1.25	366	280.50	.41
674	12.500	-.66	187	11.560	-.88	121	20.635	.76	011	300.01	1.23	169	277.00	.33
653	12.703	-.66	083	11.500	-.90	Avg	17.396		229	296.00	1.08	Avg	264.37	
591	12.315	-.71	598	11.000	-1.00	721	16.600	-.15	405	292.00	.97	572	246.50	-.48
590	10.650	-1.02	049	10.295	-1.21	607	9.2506	-1.39	029	285.00	.73	309	245.50 R	-.69
720	10.555	-1.04	242	10.000	-1.23				148	283.00	.63	353	236.60	-.70
709	10.400	-1.08	550	9.3175	-1.37	--	Method 023.01	--	567	279.50	.52	345	235.95	-.72
588	10.000	-1.14	026	8.2500	-1.58	619	0.0025	.71	187	279.53	.51	017	237.00	-.73
529	9.4000	-1.27	358	7.2050	-1.80				164	279.50	.51	106	233.00	-.79
648	7.5000	-1.64				--	Method 025.01	--	003	268.50	.51	668	232.00	-.82
			--	Method 022.05	--	720	328.39 R	2.30	297	272.00	.48	294	210.70	-1.36
--	Method 022.03	--	567	27.500 R	1.81	656	328.57	2.25	413	273.00	.47	160	209.00	-1.40
265	73.000 s	13.39	202	29.500	1.76	175	314.00	1.74	083	275.50	.38			
297	28.500 R	2.80	042	26.700	1.24	629	294.50	1.11	100	272.50	.29			
300	23.440 R	2.45	309	25.785	1.13	648	281.00	.67	510	264.50	.09			
413	25.500	2.07	160	26.750	.91	098	279.00	.61	407	265.00	.02			

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 025.99	--	--	Method 027.01	--	--	Method 027.03	--	--	Method 028.01	--	--	Method 028.03	--
692	269.00	.71	511	0.1650 S	-2.36	029	0.2000	-.80	505	130.50 A	3.33	011	103.31	1.11
			548	0.1570 S	-2.78	265	0.1900	-1.88	035	121.50	2.61	520	98.500 R	1.04
--	Method 026.99	--	--	Method 027.03	--	550	0.1900	-1.91	013	115.50	2.16	297	102.00	1.00
619	0.0000	.00	144	85.100 s	9223.08	294	0.1850	-2.48	038	114.00	2.05	003	99.500	.91
--	Method 027.01	--	051	1.7050 s	162.71	--	Method 027.05	--	278	111.00	1.79	414	97.450	.59
709	0.2500	2.34	610	1.1715 s	147.70	037	0.2350	1.66	656	99.510	.90	029	94.400	.32
656	0.2350	1.54	003	0.2850 s	8.59	309	0.2286 R	1.52	669	95.736	.60	226	94.500	.28
619	0.2345	1.52	011	0.2293 R	2.71	021	0.2305	1.26	098	92.500	.39	510	93.000	.16
720	0.2300 R	1.36	520	0.2150 R	1.83	042	0.2280	1.22	619	93.150	.39	553	92.150	.08
609	0.2300	1.24	226	0.2200	1.38	160	0.2282	1.14	548	89.825	.31	229	92.000	.03
013	0.2230	.90	300	0.2190	1.31	190	0.2250	.89	140	89.635	.15	407	91.750	.01
169	0.2200 R	.88	701	0.2185	1.24	202	0.2250	.89	Avg	88.176		Avg	91.656	
038	0.2225	.83	297	0.2100 R	1.12	035	0.2250	.89	620	87.563	-.05	148	90.700	-.10
646	0.2200	.69	187	0.2172	1.07	027	0.2215	.52	307	87.300	-.08	100	91.000	-.11
596	0.2200	.69	553	0.2145	1.05	028	0.2200	.39	689	87.000	-.09	405	90.500	-.12
669	0.2175	.58	405	0.2150	1.00	096	0.2200	.39	004	86.500	-.14	187	88.765	-.28
263	0.2168	.51	414	0.2150	1.00	616	0.2190	.35	175	88.000	-.31	074	87.000	-.44
505	0.2150	.50	407	0.2160	.94	186	0.2162	.13	350	84.050	-.33	512	86.180	-.53
350	0.2124	.27	185	0.2152	.86	Avg	0.2152		720	83.700	-.35	291	84.000	-.74
035	0.2100	.14	512	0.2140	.74	668	0.2110	-.35	648	83.000	-.41	598	85.000	-.74
065	0.2100	.14	148	0.2135	.67	357	0.2150	-.41	596	83.000	-.47	083	83.500	-.78
098	0.2100	.14	358	0.2100	.29	106	0.2100	-.43	590	81.600	-.52	610	82.600	-.86
Avg	0.2089		567	0.2100	.29	693	0.2080	-.72	014	80.500	-.61	265	90.000 R	-.87
588	0.2065	-.06	100	0.2100	.29	345	0.2065	-.74	178	79.500	-.68	049	82.010	-.93
014	0.2060	-.10	074	0.2100	.29	353	0.2000	-1.24	354	78.945	-.74	026	82.050	-.93
001	0.2050	-.31	Avg	0.2073		366	0.2000	-1.24	629	78.500	-.76	164	81.400	-.98
307	0.2050	-.31	026	0.2066	-.08	572	0.1995	-1.28	588	78.000	-.80	171	80.000	-1.13
278	0.2000	-.41	171	0.2050	-.27	045	0.1970	-1.48	529	77.650	-.83	242	79.000	-1.22
629	0.2000	-.41	291	0.2040	-.38	017	0.1950	-1.69	646	77.500	-.84	550	71.909	-1.89
590	0.2005	-.42	164	0.2030	-.52	--	Method 027.99	--	563	74.720	-1.06	144	0.2060 s	-8.71
650	0.2015	-.51	049	0.2050	-.60	692	0.2100	.73	511	73.500	-1.16	--	Method 028.05	--
142	0.1950	-.74	598	0.2050	-.60	Avg	0.2073		709	72.400	-1.25	042	127.00	2.07
175	0.1950	-.74	229	0.2050	-.60	121	0.2045	-.98	--	Method 028.03	--	021	122.50	1.43
529	0.1900	-.97	242	0.2050	-.60				185	114.00	2.14	357	119.00	1.10
563	0.1876	-1.13	413	0.2050	-.60				413	111.50	1.90	693	120.00	.95
141	0.1845	-1.27	560	0.2005	-.76				567	111.00	1.84	160	118.50	.89
674	0.1850	-1.27	510	0.2000	-.80				560	107.50	1.51	027	119.01	.81
591	0.1800	-1.52	083	0.2000	-.80				300	93.020 R	1.32	096	115.00	.79

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 028.05	--	--	Method 031.01	--	--	Method 031.01	--	--	Method 031.05	--	--	Method 031.05	--
028	118.00	.65	621	0.4500 R	1.92	529	0.4000	-.54	032	0.4700	2.33	353	0.4150	-.23
366	117.50	.56	548	0.4495	1.68	142	0.4000	-.54	003	0.4650	2.22	242	0.4150	-.23
345	114.70	.49	019	0.4350 R	1.52	588	0.4000	-.54	021	0.4678	2.08	164	0.4110	-.29
186	115.35	.48	625	0.4375	1.15	687	0.3950	-.80	520	0.4450 R	1.84	553	0.4130	-.45
045	116.00	.36	108	0.4150 R	1.13	354	0.3950	-.80	037	0.4600	1.81	190	0.4100	-.52
309	115.10	.26	140	0.4355	1.12	178	0.3950	-.80	309	0.4508	1.41	100	0.4100	-.52
106	114.50	.12	709	0.4350	1.05	648	0.3950	-.80	042	0.4485	1.39	027	0.4145	-.53
Avg	113.87		263	0.4332	.96	035	0.3950	-.80	693	0.4230 R	1.39	345	0.4045	-.54
017	113.00	-.13	038	0.4310	.89	039	0.3928	-.87	096	0.4450	1.16	049	0.4050	-.56
169	111.50	-.37	001	0.4300	.85	596	0.3900	-1.09	028	0.4450	1.16	668	0.4050	-.57
668	111.50	-.37	233	0.4300	.80	674	0.3850	-1.23	685	0.4250	1.08	121	0.4020	-.64
190	109.78	-.63	169	0.4300	.80	669	0.3845	-1.40	186	0.4425	1.07	616	0.4110	-.68
353	108.60	-.84	573	0.4297	.79	622	0.3766	-1.60	300	0.4376	.97	089	0.4000	-.72
616	108.00	-.91	629	0.4250	.62	623	0.3850 R	-1.65	074	0.4400	.93	051	0.4000	-.72
294	107.52	-.98	646	0.4250	.62	651	0.3735	-1.73	645	0.4284	.84	405	0.4000	-.72
037	107.80	-1.03	010	0.4250	.62	653	0.3715	-1.87	160	0.4350	.73	567	0.3950	-.95
572	102.00	-1.85	723	0.4250	.62	026	0.3650	-2.12	598	0.4250	.70	413	0.4000	-1.10
202	101.00	-1.98	658	0.4200	.57	689	0.3650	-2.21	512	0.4298	.69	297	0.4000	-1.10
			563	0.4238	.56				291	0.4300	.66	357	0.3950	-1.12
--	Method 028.99	--	036	0.4230	.51	--	Method 031.02	--	298	0.4300	.66	045	0.3905	-1.12
121	121.83	1.30	633	0.4134	.43	011	0.4183	.98	358	0.4300	.52	510	0.3900	-1.21
692	111.50	.47	065	0.4215	.43	505	0.4150	.84	407	0.4300	.52	265	0.3950	-1.39
Avg	105.95		607	0.4185	.39	004	0.4050	.40	701	0.4280	.44	572	0.3835	-1.48
607	96.270	-.81	098	0.4200	.36	Avg	0.3986		144	0.4230	.44	294	0.3800	-1.55
721	94.200	-.96	647	0.4200	.36	043	0.3850	-.71	029	0.4270	.43	366	0.3800	-1.55
			656	0.4200	.36	014	0.3695	-1.47	226	0.4200	.43	035	0.3800	-1.60
--	Method 030.00	--	722	0.4193	.32				168	0.4270	.41	550	0.3770	-1.67
307	0.0205	.71	205	0.4185	.29	--	Method 031.03	--	414	0.4250	.37	017	0.3750	-1.86
			152	0.4150	.26	033	0.4415	1.66	148	0.4255	.34	560	0.3765 R	-2.07
--	Method 031.00	--	363	0.4150	.26	036	0.4255	1.06	610	0.4240	.27			
620	0.4579	.87	670	0.4150	.26	Avg	0.3974		682	0.4200	.11	--	Method 031.06	--
Avg	0.4453		Avg	0.4121		047	0.3950	-.21	Avg	0.4174		686	0.4750	1.03
722	0.4327	-.87	350	0.4052	-.31	048	0.3900	-.28	185	0.4168	-.06	536	0.4600	.82
			175	0.4050	-.39	043	0.3900	-.47	187	0.4146	-.13	Avg	0.4250	
--	Method 031.01	--	511	0.4050	-.39	720	0.3750	-.86	106	0.4135	-.16	141	0.4000	-.51
609	0.6700 s	11.56	665	0.4050	-.39	307	0.3650	-1.23	083	0.4150	-.23	138	0.3650	-1.23
122	0.5250 s	5.07	650	0.4050	-.39				202	0.4150	-.23			
132	0.4624	2.26	034	0.4100	-.46				171	0.4150	-.23			
619	0.4610	2.20	278	0.4100	-.46				229	0.4150	-.23			

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 031.99	--	--	Method 032.01	--	--	Method 032.05	--	--	Method 032.99	--	--	Method 033.01	--
724	0.4050 S	3.45	563	0.9764	-.84	026	1.1350	.35	074	1.1550	.88	686	0.9950 s	3.21
673	0.4400	1.11	720	0.9800	-.86	668	1.1100	.34	692	1.1350	.74	226	0.9750	2.72
552	0.4250	.68	141	0.9350	-1.25	300	1.1155	.31	Avg	1.0263		098	0.9400	1.91
631	0.4200	.59	065	0.8885	-1.71	357	1.1200	.27	047	1.0050	-.18	610	0.9260	1.58
676	0.4150	.39	670	0.8050	-2.52	035	1.1300	.25	631	0.8100	-1.47	019	0.8950 R	1.18
590	0.4100	.21				017	1.1100	.23				229	0.8950	.85
Avg	0.4029		--	Method 032.02	--	185	1.1280	.23	--	Method 033.00	--	202	0.8900	.72
692	0.3600	-1.28	669	1.2280	1.71	011	1.1197	.19	596	2.0000 s	30.96	096	0.8850	.62
588	0.3500	-1.61	665	1.1100	.42	144	1.1200	.18	539	1.1150 s	7.22	510	0.8800	.54
			Avg	1.0728		297	1.1200	.18	160	0.9160	1.81	278	0.8800	.49
--	Method 032.01	--	169	1.0600	-.14	294	1.1100	.12	621	0.9105	1.67	001	0.8785	.48
609	1.2500	1.84	590	1.0650	-.29	345	1.1150	.10	045	0.8935	1.20	021	0.8770	.47
612	1.2400	1.74	588	1.0320	-.45	Avg	1.1079		620	0.8791	.81	633	0.8768	.42
036	1.2270	1.61	014	0.9420	-1.44	366	1.1000	-.09	512	0.8713	.75	590	0.8650	.38
035	1.1950	1.30	108	0.7600 S	-3.45	407	1.1000	-.09	722	0.8762	.73	175	0.8650	.18
619	1.1900	1.25				045	1.1000	-.14	298	0.8700	.62	205	0.8660	.16
013	1.1550	.92	--	Method 032.05	--	572	1.0975	-.15	689	0.8650	.45	106	0.8595	.13
019	1.1150 R	.82	616	1.4900 s	4.35	100	1.0950	-.16	407	0.8500	.03	035	0.8620	.11
307	1.1400	.77	028	1.3200	2.41	414	1.0850	-.27	Avg	0.8490		185	0.8609	.04
010	1.1350	.75	309	1.2510 R	1.80	148	1.0840	-.28	622	0.8434	-.25	Avg	0.8592	
709	1.0900 R	.56	106	1.2350	1.44	512	1.0830	-.32	651	0.8365	-.34	650	0.8550	-.15
205	1.1100	.51	160	1.2325	1.42	164	1.0785	-.35	567	0.8400	-.36	354	0.8500	-.22
278	1.1050	.44	510	1.2250	1.34	291	1.0750	-.41	625	0.8435	-.39	199	0.8450	-.35
098	1.0800	.34	190	1.2250	1.34	051	1.0550	-.60	366	0.8350	-.40	026	0.8450	-.35
505	1.0900	.29	021	1.2090	1.15	353	1.0450	-.77	693	0.8270	-.65	291	0.8400	-.45
001	1.0750	.13	042	1.1950	1.07	029	1.0350	-.83	309	0.8239	-.83	413	0.8350	-.58
039	1.0629	.01	520	1.2000	1.05	049	1.0150	-1.07	034	0.8150	-.93	178	0.8250	-.81
Avg	1.0623		096	1.2000	1.05	083	0.9950	-1.28	588	0.8100	-1.08	100	0.8250	-.81
591	1.0450	-.18	121	1.1880	.91	003	1.0000 R	-1.31	353	0.8000	-1.32	029	0.8300	-.83
646	1.0500	-.23	226	1.1850	.88	645	0.9930	-1.31	038	0.8200 R	-1.56	307	0.8450 R	-.89
038	1.0350	-.30	037	1.1800	.82	413	0.9800	-1.47	511	0.7750	-2.03	004	0.8200	-.92
350	1.0299	-.32	027	1.1750	.76	265	0.9850 R	-1.49	169	0.5500 s	-8.04	011	0.8190	-.94
354	1.0300	-.33	567	1.1650	.65	229	0.9750	-1.51	297	0.4000 s	-12.09	559	0.8500 R	-.96
363	1.0250	-.37	202	1.1650	.65	171	0.9635	-1.65	685	0.3100 s	-14.50	164	0.8040	-1.30
142	1.0150	-.47	693	1.1590	.61	358	0.9400	-1.91	674	0.2250 s	-16.79	140	0.8000	-1.41
650	1.0150	-.52	186	1.1609	.60	187	0.9335	-1.98				242	0.7600	-2.38
529	1.0000	-.61	560	1.1500	.48	550	0.9255	-2.07				709	0.3055 s	-13.00
548	0.9955	-.66	685	1.1300	.42	242	0.9150	-2.19						
175	0.9900	-.71	610	1.1350	.42	405	0.4200 s	-7.82						

* 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 033.03	--	--	Method 034.04	--	--	Method 035.00	--	--	Method 035.03	--	--	Method 035.05	--
505	0.9750 S	1.84	026	0.4550	-.22	529	0.2210	-.70	144	0.2460	.24	629	0.2400	-.41
598	0.9700	1.55	619	0.4430	-.26	354	0.2200	-.85	186	0.2460	.17	294	0.2350	-.73
122	0.9050	.66	010	0.4150	-.67	670	0.2150	-.97	291	0.2457	.15	106	0.2325	-.83
529	0.9050	.59	190	0.3250	-1.91	122	0.2000	-1.56	185	0.2435	.14	590	0.2300	-.95
048	0.8750	.10				065	0.2000	-1.58	Avg	0.2422		108	0.1850 s	-3.41
Avg	0.8707		--	Method 034.05	--	650	0.1950	-1.78	035	0.2400	-.10			
190	0.8300	-.66	047	0.7291 S	11.14	709	0.1100 s	-5.28	414	0.2400	-.10	--	Method 035.99	--
265	0.8350	-.68	414	0.4000	.86				567	0.2400	-.10	596	1.4850 S	173.98
144	0.7750	-1.55	Avg	0.3725		--	Method 035.01	--	610	0.2390	-.14	588	0.7250 S	66.47
			685	0.3450	-.87	686	0.2905	1.45	164	0.2385	-.16	692	0.2550	.71
						Avg	0.2445		345	0.2385	-.16	Avg	0.2550	
--	Method 033.05	--	--	Method 034.99	--	647	0.2400	-.14	148	0.2375	-.21			
171	0.8400	.71	096	0.4000	.72	138	0.2400	-.17	042	0.2400	-.24	--	Method 036.00	--
			Avg	0.3625		563	0.2077	-1.16	572	0.2340	-.37	297	0.5750 S	.00
--	Method 033.99	--	721	0.3250	-.99				045	0.2330	-.41	307	0.4300 S	.00
051	0.9400	1.66				--	Method 035.03	--	553	0.2340	-.42	Avg	0.0000	
552	0.8750	.86	--	Method 035.00	--	051	0.2900	2.09	017	0.2400	-.45			
623	0.8264	.53	142	0.3150 S	3.24	616	0.2895	2.09	645	0.2336	-.49	--	Method 036.03	--
681	0.8350	.41	656	0.2950 R	2.57	309	0.2730	1.44	029	0.2300	-.54	169	0.3200	2.34
Avg	0.8052		263	0.2970	2.44	701	0.2740	1.40	510	0.2250	-.77	708	0.2865 R	1.57
673	0.8000	-.06	648	0.2700 R	1.56	187	0.2732	1.36	366	0.2250	-.79	021	0.3027	1.56
003	0.7500	-.78	098	0.2700	1.39	520	0.2700	1.29	229	0.2250	-.79	042	0.2890	1.08
723	0.7150	-1.11	669	0.2665	1.19	202	0.2700	1.22	550	0.2250	-.83	265	0.2750	.74
630	0.7000	-1.30	233	0.2600	.91	353	0.2670	1.09	242	0.2200	-.97	160	0.2817	.67
619	0.4520 s	-4.36	609	0.2550	.73	096	0.2650	1.02	598	0.2200	-.97	186	0.2816	.66
			591	0.2550	.73	021	0.2647	.99	083	0.2150	-1.21	202	0.2800	.59
--	Method 034.01	--	653	0.2525	.63	190	0.2550 R	.86	413	0.2150 R	-1.36	353	0.2700	.16
038	0.4910	.98	307	0.2500	.50	682	0.2600	.78	298	0.2100	-1.48	171	0.2690	.14
560	0.4750	.19	035	0.2450	.36	037	0.2600	.78	171	0.2050	-1.63	Avg	0.2663	
Avg	0.4727		720	0.2450	.36	011	0.2551	.69	358	0.1950	-2.08	106	0.2590	-.32
668	0.4520	-1.22	038	0.2425	.30	100	0.2550	.60	049	0.1950	-2.08	560	0.2560	-.46
			278	0.2400	.09	297	0.2500	.56	265	0.1850	-2.52	300	0.2590	-.46
--	Method 034.04	--	Avg	0.2379		407	0.2520	.43				357	0.2600	-.51
572	0.5940	1.92	619	0.2340	-.16	668	0.2470	.41	--	Method 035.05	--	294	0.2500	-.70
171	0.5000 R	1.14	505	0.2350	-.24	560	0.2455	.40	169	0.2850	2.06	187	0.2455	-.89
610	0.4980	.54	152	0.2350	-.24	693	0.2500	.38	160	0.2642	.94	045	0.2445	-.94
164	0.4950	.50	363	0.2300	-.33	089	0.2500	.34	588	0.2485	.06	366	0.2450	-.94
Avg	0.4600		175	0.2250	-.57	226	0.2450	.25	Avg	0.2475		345	0.2410	-1.10
512	0.4554	-.13	205	0.2215	-.69	405	0.2450	.25	665	0.2450	-.30	693	0.2585 R	-1.31
169	0.4600	-.14												

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
-- Method 036.03 --			-- Method 037.01 --			-- Method 037.03 --			-- Method 038.00 --			-- Method 051.00 --		
616	0.2305	-1.59	529	46.800	-1.61	598	53.500	-1.60	021	4.0000 s	9.84	Avg	65.963	
550	0.1195 s	-6.30	563	32.560	-2.43	242	49.500	-1.85	011	2.9775 S	4.94	029	65.450	-.23
			629	0.7250 s	-4.27	550	49.452	-1.85	045	2.1500	1.21	013	63.150	-.55
-- Method 036.04 --			-- Method 037.03 --			-- Method 037.05 --			510	1.9000	.44	218	60.930	-.66
226	0.2600	.91	168	143.50 s	4.24	309	109.90	1.71	169	1.8700	.37	043	59.800	-.78
414	0.2600	.91	701	136.00 s	3.75	202	108.50	1.55	Avg	1.7567		028	57.500	-1.12
Avg	0.2473		405	121.50	2.81	693	95.000 R	1.10	300	1.6035	-.57	010	56.950	-1.14
510	0.2350	-.95	003	107.00 R	2.23	357	99.500	.90	560	1.2600	-1.54	004	53.000	-1.65
592	0.2344	-.97	265	94.000 R	1.37	042	102.50	.88	-- Method 038.99 --			-- Method 051.03 --		
-- Method 037.01 --			011	98.428	1.31	027	101.77	.88	164	1.6000	.00	674	161.00 s	8.82
038	105.50	1.80	413	97.000	1.24	021	102.05	.83	-- Method 039.01 --			003	86.015	1.58
656	100.34	1.50	226	94.000	1.03	186	101.45	.78	164	8.4500	.71	036	82.500	1.26
505	96.500	1.29	520	91.500	.99	169	101.00	.75	-- Method 039.02 --			Avg	69.644	
548	93.900	1.16	297	88.500 R	.91	160	98.500	.58	021	20.500 s	4.84	033	66.850	-.27
620	93.425	1.09	567	91.000	.84	096	98.500	.44	011	12.045	.82	038	67.600	-.34
720	91.825 R	1.06	560	90.600	.82	616	95.750	.24	045	11.800	.72	512	64.275	-.57
591	86.565	.70	185	90.500	.81	106	95.650	.14	553	11.500	.62	001	62.369	-.77
619	86.250	.69	414	90.050	.77	190	95.345	.10	567	11.075	.54	017	57.900	-1.13
278	86.050	.67	510	85.500	.49	Avg	94.504		Avg	9.8058		-- Method 082.00 --		
035	86.000	.66	553	83.950	.40	047	93.666	-.12	560	7.1150	-.98	035	0.0062	1.63
669	83.950	.55	229	81.000	.27	028	92.500	-.23	668	5.3000	-1.63	004	0.0055	.53
140	82.560	.47	148	81.600	.24	045	90.200	-.47	017	90.500	-.75	033	0.0055	.40
098	80.000	.36	407	81.000	.19	017	90.500	-.75	-- Method 040.00 --			Avg	0.0053	
175	78.000	.31	100	80.500	.16	572	88.100	-.75	560	5.5550	.71	017	0.0051	-.42
307	79.050	.26	Avg	78.090		353	87.100	-.84	-- Method 041.00 --			047	0.0051	-.55
653	75.343	.10	187	76.320	-.12	366	85.000	-1.07	011	0.9248	.71	034	0.0046	-1.39
Avg	74.528		029	76.350	-.14	668	83.050 R	-1.62	-- Method 051.00 --			-- Method 082.01 --		
648	72.700	-.11	049	73.875	-.28	294	79.255	-1.67	227	77.500	1.58	038	0.0059	1.05
689	69.000	-.34	164	73.750	-.28	345	78.910	-1.72	511	75.500	1.22	001	0.0062	.98
674	68.500	-.35	291	72.000	-.39	037	77.950	-1.83	610	75.000	1.21	512	0.0060	.65
590	67.680	-.40	358	71.700	-.45	-- Method 037.99 --			610	75.000	1.21	003	0.0060	.50
354	66.815	-.45	144	69.150	-.58	121	88.365	1.17	036	73.000	.90	Avg	0.0058	
178	64.000	-.65	171	68.000	-.66	607	84.639	.75	035	70.750	.61	043	0.0055	-.97
350	62.550	-.69	610	67.300	-.70	692	79.950	.29	027	68.950	.43	019	0.0054	-1.35
004	60.500	-.85	512	67.880	-.70	Avg	78.331		034	66.000	.00			
588	58.000	-.96	074	67.000	-.74	596	71.000	-.93						
709	55.750	-1.10	083	65.500	-.81	721	67.700	-1.27						
014	48.500	-1.51	026	61.400	-1.08									

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
-- Method 082.02 --			-- Method 108.02 --			-- Method 121.00 --			-- Method 125.00 --			-- Method 127.00 --		
218	0.0067	1.15	560	10.800	.87	038	0.5240	-1.36	652	1.6250	1.53	684	0.2085	-1.39
Avg	0.0067		Avg	7.4025		684	0.4570 s	-3.51	571	1.5550	.73			
027	0.0067	-.43	676	4.0050	-.86	676	0.4595 s	-3.77	160	1.5616	.63	-- Method 128.00 --		
									619	1.5500	.63	662	0.3703	1.03
-- Method 105.00 --			-- Method 109.02 --			-- Method 122.00 --			662	1.5609	.63	571	0.3685	.97
160	2.6800	.71	563	16.144	1.53	619	0.9950	1.54	350	1.5225	.31	676	0.3640	.82
			227	13.250	.92	652	0.9800	.95	Avg	1.5159		350	0.3555	.53
-- Method 106.00 --			610	10.450	.34	662	0.9635	.46	227	1.4950	-.30	652	0.3550	.53
171	6.3000	.80	676	9.5600	.15	160	0.9603	.32	676	1.4480	-1.02	160	0.3535	.45
Avg	5.6525		560	9.0300	.05	227	0.9550	.22	644	1.4445	-1.15	644	0.3480	.40
033	5.0050	-.93	Avg	8.8780		Avg	0.9495		684	1.3965	-1.71	Avg	0.3405	
			096	7.0000	-.45	350	0.9410	-.39	038	1.4540 R	-1.74	619	0.3365	-.21
-- Method 106.02 --			199	5.5900	-.69	644	0.9395	-.76	-- Method 126.00 --			227	0.3100	-1.05
619	9.1600	2.36	619	0.0000	-1.87	684	0.9060	-1.41	160	0.5342	2.06	038	0.2945	-1.62
616	8.3950	1.81				676	0.9055	-1.47	571	0.5040	.95	684	0.2900	-1.76
512	7.0125	.79	-- Method 120.00 --			038	0.9170 R	-2.21	652	0.5050	.94	-- Method 129.00 --		
227	6.8550	.77	160	0.6163	1.90	571	0.5260 s	-17.80	619	0.4815	.33	571	0.7680	1.28
169	6.3000	.41	571	0.5810	.90				Avg	0.4815		619	0.7605	1.09
160	6.1550	.23	619	0.5735	.66	-- Method 124.00 --			350	0.4770	-.36	652	0.7550	.88
Avg	6.1109		652	0.5650	.57	160	0.2084	1.54	684	0.4715	-.40	350	0.7475	.66
096	6.0350	-.07	350	0.5630	.35	652	0.1950	1.16	662	0.4763	-.56	662	0.7411	.48
004	5.8600	-.20	227	0.5600	.21	662	0.1969	1.09	644	0.4625	-.83	Avg	0.7279	
676	5.7700	-.26	Avg	0.5532		Avg	0.1732		227	0.4600	-.84	644	0.7205	-.60
670	5.7900	-.27	676	0.5375	-.77	684	0.1685	-.26	676	0.4565	-1.07	160	0.7067	-.67
021	5.7300	-.31	644	0.5270	-.86	571	0.1620	-.50	038	0.4680	-1.11	227	0.7050	-.74
560	5.6650	-.36	038	0.5295	-.96	644	0.1600	-.60	-- Method 127.00 --			676	0.6990	-.92
199	5.3050	-.62	662	0.5249	-.97	350	0.1560	-.76	676	0.3190	2.27	038	0.7090 R	-1.46
038	5.8370 R	-.75	684	0.5070	-1.40	038	0.1675	-.89	571	0.2750	.87	684	0.6755	-1.74
028	5.0360	-.83				619	0.1450	-1.25	652	0.2750	.86	-- Method 130.00 --		
563	4.3804	-1.34	-- Method 121.00 --						Avg	0.2490		350	0.5190	1.33
610	4.3250	-1.40	160	0.6116	1.88	-- Method 124.02 --			160	0.2477	-.06	160	0.5070	.96
242	0.6200 s	-4.23	571	0.5790	.94	227	0.1400	.00	619	0.2470	-.17	571	0.4940	.63
			652	0.5650	.33				662	0.2437	-.22	676	0.4880	.54
-- Method 106.99 --			Avg	0.5566		-- Method 124.05 --			644	0.2410	-.31	662	0.4832	.30
003	5.7000	.87	662	0.5537	-.10	610	0.1600	.00	350	0.2360	-.43	652	0.4800	.12
Avg	4.4410		619	0.5555	-.29				227	0.2250	-.79	Avg	0.4762	
596	3.1820	-.87	350	0.5540	-.39				038	0.2210	-.96	619	0.4735	-.16
			644	0.5470	-.55									
			227	0.5200	-1.25									

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 130.00	--	--	Method 132.00	--	--	Method 135.00	--	--	Method 138.00	--			
644	0.4700	-.36	038	0.3785	-1.41	662	0.3767	-.27	571	0.4820	.54			
038	0.4685 R	-1.09	684	0.3620	-1.79	038	0.3815 R	-1.02	350	0.4760	.42			
227	0.4400	-1.12				684	0.3515	-1.19	644	0.4575	.24			
684	0.4070	-2.14	--	Method 133.00	--	676	0.3225	-2.21	652	0.4600	.09			
			652	0.6600	1.29				Avg	0.4558				
--	Method 130.05	--	662	0.6497	1.02	--	Method 135.05	--	160	0.4362	-.40			
610	0.4850	.71	619	0.6300	.61	610	0.3400	.00	227	0.4250	-.64			
			160	0.6311	.50				038	0.4005	-1.17			
--	Method 131.00	--	571	0.6285	.43	--	Method 136.00	--	684	0.3530	-2.13			
644	0.1635	1.20	227	0.6150	.41	662	0.1444	.86						
160	0.1622	1.13	644	0.6145	.35	Avg	0.1230		--	Method 300.01	--			
571	0.1470	.41	Avg	0.6128		684	0.1015	-.87	615	5.5000	.00			
652	0.1450	.38	676	0.5865	-.73	038	0.0600 S	-2.54						
662	0.1396	.09	038	0.5730	-1.09									
Avg	0.1389		684	0.5400	-1.99	--	Method 136.01	--						
619	0.1315	-.37				160	0.1275	1.21						
350	0.1235	-.75	--	Method 134.00	--	227	0.1200	.61						
038	0.1135 R	-1.34	160	0.5014	1.44	Avg	0.1116							
684	0.0990	-1.94	038	0.4835	1.29	644	0.1020	-.72						
			571	0.4855	1.00	571	0.0970	-1.07						
--	Method 131.02	--	619	0.4655	.40									
227	0.1250	1.12	662	0.4671	.28	--	Method 136.99	--						
Avg	0.1233		Avg	0.4618		610	0.1100	.00						
676	0.1215	-.49	227	0.4600	-.07									
			350	0.4520	-.40	--	Method 137.00	--						
--	Method 131.05	--	684	0.4515	-.61	160	0.3832	1.63						
610	0.1500	.00	652	0.4300	-1.36	350	0.3495	.90						
			644	0.4220	-1.46	038	0.3350	.77						
--	Method 132.00	--	676	0.3255 s	-4.93	684	0.3380	.61						
652	0.5100 s	2.77				Avg	0.3236							
662	0.4742	1.54	--	Method 135.00	--	662	0.3111	-.42						
350	0.4615	1.06	571	0.4120	1.07	644	0.3030	-.57						
619	0.4460	.64	160	0.4069	.81	676	0.2990	-.67						
160	0.4361	.32	619	0.4010	.68	227	0.2700	-1.46						
676	0.4260	.25	227	0.4000	.57									
571	0.4305	.24	652	0.3850	.53	--	Method 138.00	--						
Avg	0.4248		644	0.3925	.40	662	0.5142	1.20						
227	0.4200	-.14	350	0.3925	.30	676	0.5105	1.13						
644	0.4135	-.41	Avg	0.3841		619	0.4990	.89						

* 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	8	0.4900	1.68	0.14	009.09	16	-0.0218	0.97	0.30
001.03	4	0.0000	1.07	0.14	009.99	3	0.0000	1.07	0.27
001.07	41	6.4009	41.59	0.51	010.11	7	0.5016	1.63	0.22
001.08	3	-0.9621	1.85	0.36	010.99	12	0.0000	1.02	0.07
001.99	14	1.0380	3.10	0.38	011.01	75	-0.1704	2.72	0.22
002.00	4	0.0000	1.02	0.31	011.99	3	-3.6665	3.18	0.95
002.01	11	2.1944	7.34	0.32	012.00	9	0.0000	1.00	0.24
002.02	11	-0.4815	1.40	0.63	012.01	2	0.0000	1.10	0.38
002.03	3	0.0000	1.03	0.36	012.03	2	0.0000	1.06	0.44
002.04	3	0.7313	1.53	0.20	012.04	5	0.0000	1.06	0.04
002.05	23	0.0000	0.98	0.25	013.02	17	0.0000	1.00	0.16
002.06	119	0.0396	1.08	0.33	013.10	16	0.0000	0.96	0.33
002.08	7	-0.2600	1.14	0.79	015.00	10	0.1562	1.05	0.39
002.10	6	0.0000	0.98	0.34	016.00	2	0.0000	0.90	0.59
002.11	11	3.5193	11.31	11.12	017.00	8	0.2073	1.04	0.78
002.99	4	-17.0973	48.04	0.68	018.02	2	0.0000	0.41	0.82
003.00	31	-0.2032	1.62	0.63	019.00	16	1.2028	7.07	0.43
003.06	27	0.4526	2.85	0.38	019.01	55	0.1319	1.94	0.29
003.09	29	-0.0014	0.92	0.46	019.03	6	0.0000	1.03	0.17
003.10	34	-0.0820	1.20	0.28	019.05	44	-0.0762	1.16	0.65
003.11	9	-0.4554	1.59	0.80	019.08	6	0.0000	1.01	0.25
003.12	6	0.0000	0.93	0.45	019.09	25	0.1210	1.13	0.30
003.13	3	0.0000	1.02	0.38	019.99	7	9.3264	21.69	0.51
003.14	11	0.0674	0.96	0.36	020.01	7	0.0000	1.02	0.21
003.99	6	7.6108	13.69	0.50	020.99	2	101.2341	143.17	0.97
004.00	26	0.0912	1.03	0.24	021.01	4	0.0000	0.98	0.38
004.01	2	0.0000	1.17	0.26	021.02	13	0.0000	0.99	0.23
004.03	4	0.0000	1.00	0.36	021.99	3	0.0000	0.93	0.51
004.06	28	0.0917	1.07	0.32	022.01	32	0.5494	3.18	0.23
004.07	47	0.0407	1.34	0.22	022.03	35	0.4699	2.30	1.04
004.11	10	-0.6231	2.08	1.72	022.05	25	0.0446	0.93	0.49
004.99	5	-5.1306	7.89	0.37	022.99	4	0.0000	1.03	0.27
005.00	125	-0.0187	1.12	0.35	025.01	22	0.1115	1.06	0.23
005.11	7	-0.7704	1.59	0.20	025.03	32	0.0507	0.97	0.37
005.99	11	-1.4164	3.95	0.96	025.05	19	2.0611	8.95	8.69
008.02	18	0.0000	1.01	0.13	027.01	34	-0.0252	1.09	0.22
008.08	20	0.0280	0.96	0.32	027.03	38	250.0516	1495.19	23.18
008.99	6	0.0000	1.03	0.19	027.05	23	0.0470	0.97	0.36
009.07	17	0.0000	1.01	0.14	027.99	2	0.0000	1.03	0.47

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
028.01	31	0.1071	1.15	0.14	082.00	6	0.0000	1.01	0.24
028.03	34	-0.2379	1.77	0.34	082.01	6	0.0000	0.89	0.50
028.05	24	0.0000	0.95	0.35	082.02	2	0.0000	0.41	0.82
028.99	4	0.0000	1.06	0.17	106.00	2	0.0000	1.12	0.35
031.00	2	0.0000	1.22	0.02	106.02	18	-0.2468	1.36	0.28
031.01	60	0.3044	1.88	0.37	106.99	2	0.0000	1.22	0.00
031.02	5	0.0000	1.02	0.26	108.02	2	0.0000	1.22	0.05
031.03	7	0.0000	1.02	0.20	109.02	8	0.0000	1.03	0.09
031.05	67	-0.0048	0.93	0.49	120.00	11	0.0000	0.94	0.38
031.06	4	0.0000	1.05	0.22	121.00	11	-0.6109	1.60	0.70
031.99	8	0.0080	0.95	1.23	122.00	11	-1.2299	3.85	3.87
032.01	32	0.0245	0.97	0.20	124.00	9	0.0000	0.95	0.39
032.02	7	-0.4922	1.61	0.15	125.00	11	-0.0780	0.95	0.56
032.05	60	-0.0745	1.53	0.20	126.00	11	0.0000	0.92	0.42
032.99	4	0.0000	1.07	0.10	127.00	11	0.0000	1.00	0.21
033.00	27	-0.5214	8.14	0.39	128.00	11	0.0000	1.01	0.18
033.01	36	-0.2644	2.43	0.31	129.00	11	-0.0545	0.95	0.49
033.03	8	0.2040	1.09	0.40	130.00	11	-0.0216	0.95	0.38
033.99	9	-0.4844	1.73	0.21	131.00	9	-0.1372	1.05	0.20
034.01	3	0.0000	0.69	0.72	131.02	2	0.0000	0.52	0.78
034.04	10	0.0566	0.97	0.35	132.00	11	0.2170	1.16	0.53
034.05	3	3.7123	6.49	0.17	133.00	10	0.0000	1.00	0.22
034.99	2	0.0000	1.02	0.48	134.00	11	-0.4467	1.70	0.49
035.00	28	0.0565	1.58	0.33	135.00	11	-0.0083	0.93	0.41
035.01	4	0.0000	1.08	0.05	136.00	3	-0.8400	1.69	0.19
035.03	54	-0.0117	0.98	0.25	136.01	4	0.0000	1.06	0.19
035.05	9	-0.3779	1.48	0.20	137.00	8	0.0000	0.95	0.38
035.99	3	80.1388	87.78	2.12	138.00	11	0.0000	1.01	0.14
036.00	2	0.0000	0.00	0.00					
036.03	22	-0.2620	1.63	0.46					
036.04	4	0.0000	1.05	0.23					
037.01	30	-0.1091	1.26	0.14					
037.03	36	0.3203	1.34	0.31					
037.05	25	-0.0481	0.97	0.39					
037.99	5	0.0000	1.03	0.23					
038.00	7	1.5161	2.87	2.93					
039.02	7	0.5538	1.75	1.10					
051.00	14	0.0000	0.98	0.26					
051.03	8	1.1024	3.26	0.20					