Feed Check Sample No. - 200930 Dry Cat Food
Association of American Feed Control Officials

Method	AOAC 18th	Method Code	- Pass 1 Results for 212 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 212 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
NPN, Automated		000.03	1	2.51000	0.02828	0.04000	1	2.51000	0.02828	0.04000
Urea, Misc		000.99	1	0.47500	0.10607	0.15000	1	0.47500	0.10607	0.15000
Method Group 000.XX PCT			2	1.49250	1.17662	0.09500	2	1.49250	1.17662	0.09500
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	11	7.66818	0.43155	0.07818	10	7.73000	0.39941	0.05800
Loss on Drying, ISO 6496		001.03	5	7.76800	0.22612	0.06000	5	7.76800	0.22612	0.06000
Loss on Drying, 104 deg 3 hr, in malt	935.29	001.07	40	7.64103	0.23834	0.10481	39	7.63311	0.21882	0.07929
Loss on Drying, 102 deg 16 hr, in meat	950.46	001.08	1	7.60500	0.06364	0.09000	1	7.60500	0.06364	0.09000
Loss on Drying, Misc		001.99	16	7.85909	0.29998	0.10844	16	7.85909	0.29998	0.10844
Method Group 001.XX PCT			73	7.70112	0.29743	0.09832	71	7.70679	0.28192	0.08165
Protein, Crude	954.01	002.00	8	30.4294	0.42273	0.41125	8	30.4294	0.42273	0.41125
Protein, Auto Kjel-Foss	976.05	002.01	10	30.2318	0.22793	0.12320	10	30.2318	0.22793	0.12320
Protein, Semiauto Autoanalyzer	976.06	002.02	7	30.7911	0.51494	0.31614	7	30.7911	0.51494	0.31614
Protein, Copper Cat	984.13	002.04	5	29.8890	0.55042	0.03400	5	29.8890	0.55042	0.03400
Protein, Copper, Boric Acid		002.05	15	30.3750	0.22085	0.11572	15	30.3750	0.22085	0.11572
Protein, Combustion Nitrogen Analyzer	990.03	002.06	129	30.6947	0.34169	0.18631	121	30.6880	0.31279	0.15623
Protein, Cu/Ti	988.05	002.08	6	30.3976	0.38098	0.15742	6	30.3976	0.38098	0.15742
Protein, Block dig/distillation		002.10	11	30.2698	0.28681	0.16945	10	30.2758	0.27585	0.11240
Protein, NIR		002.11	11	30.7591	0.69643	0.15636	11	30.7591	0.69643	0.15636
Protein, Misc		002.99	3	30.3717	0.19364	0.16333	3	30.3717	0.19364	0.16333
Method Group 002.XX PCT			205	30.5893	0.41737	0.18387	196	30.5827	0.40373	0.16236
Fat, Eth Ext, Direct	920.39	003.00	19	7.60313	0.30155	0.07287	18	7.59053	0.30123	0.05469
Fat, Ind Eth Ext (13th ed), Indirect	920.39	003.01	1	7.52500	0.31820	0.45000	1	7.52500	0.31820	0.45000
Fat, Pet Ether		003.06	22	7.42841	0.40049	0.13227	21	7.41381	0.39211	0.09619
Fat, Soxtec, Eth Ext		003.09	17	7.50049	0.14898	0.10138	17	7.50049	0.14898	0.10138
Fat, Soxtec, Pet Ether		003.10	23	7.44798	0.14409	0.09848	23	7.44798	0.14409	0.09848
Fat, NIR		003.11	7	9.46357	0.85146	0.02714	8	9.93125	1.23667	0.01000
Fat, Hexane Ext.		003.12	4	7.60000	0.08435	0.06500	4	7.60000	0.08435	0.06500
Fat, Soxtec, Hexane Ext.		003.13	6	7.83508	0.86939	0.08183	6	7.83508	0.86939	0.08183
Fat, Ankom		003.14	12	7.46104	0.17852	0.11125	12	7.46104	0.17852	0.11125
Fat, Misc		003.99	9	8.38778	0.93455	0.22222	8	8.53000	0.87934	0.14750
Method Group 003.XX PCT			120	7.69083	0.66924	0.10841	116	7.67418	0.64514	0.09292
Fiber, Crude Asbestos Free	962.09	004.00	27	2.40379	0.37632	0.08464	25	2.34390	0.29399	0.07902
Fiber, Sing Filt		004.01	1	3.00500	0.13435	0.19000	1	3.00500	0.13435	0.19000
Fiber, Fritted Glass	978.10	004.03	2	2.25500	0.16663	0.28000	2	2.25500	0.16663	0.28000
Fiber, Fibertec		004.06	30	2.63059	0.40627	0.11803	29	2.62647	0.41004	0.10486
Fiber, ANKOM		004.07	42	2.30905	0.35744	0.14703	41	2.30170	0.35029	0.12671
Fiber, NIR		004.11	8	2.37688	0.26132	0.07125	8	2.37688	0.26132	0.07125
Fiber, Misc		004.99	3	2.39167	0.52943	0.39000	3	2.39167	0.52943	0.39000
Method Group 004.XX PCT			113	2.42925	0.39380	0.12824	109	2.41138	0.37800	0.11653

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Ash,	942.05	005.00	131	6.72046	0.15244	0.05593	122	6.71771	0.14312	0.04612
Ash, Sugars & Syrups	900.02	005.01	1	6.74000	0.01414	0.02000	1	6.74000	0.01414	0.02000
Ash, NIR		005.11	4	6.72750	0.23975	0.07500	4	6.72750	0.23975	0.07500
Ash, Misc		005.99	14	6.82796	0.15364	0.09979	14	6.82796	0.15364	0.09979
Method Group 005.XX PCT			150	6.73082	0.15729	0.06029	141	6.72909	0.15000	0.05208
Fiber, Acid Detergent	973.18	008.02	12	4.16250	0.93830	0.16500	12	4.16250	0.93830	0.16500
Fiber, Acid Detergent-Hach		008.05	1	5.60000	0.56569	0.80000	1	5.60000	0.56569	0.80000
Fiber, Acid Detergent by ANKOM		008.08	24	3.84506	0.91321	0.15984	24	3.84506	0.91321	0.15984
Fiber, Acid Detergent Misc		008.99	4	3.72875	0.64342	0.25250	4	3.72875	0.64342	0.25250
Method Group 008.XX PCT			41	3.96942	0.93016	0.18600	41	3.96942	0.93016	0.18600
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	13.2000	0.50912	0.72000	1	13.2000	0.50912	0.72000
Fiber, Neutral Det-ENZ Pretreat		009.07	11	11.7509	1.79725	0.39273	10	11.7375	1.87542	0.29300
Fiber, Neutral Detergent by ANKOM		009.09	17	11.2815	0.78931	0.39231	16	11.2901	0.79532	0.33245
Fiber, Neutral Det Misc		009.99	4	13.7188	2.09305	0.70250	3	13.5917	2.34088	0.13667
Method Group 009.XX PCT			33	11.7916	1.57811	0.43998	30	11.7330	1.56986	0.31264
Moisture, Karl-Fischer	966.20	010.03	2	7.93250	0.68558	0.50500	2	7.93250	0.68558	0.50500
Moisture, NIR		010.11	9	7.76650	0.49362	0.09300	8	7.70313	0.48055	0.04875
Moisture, Misc		010.99	18	7.68456	0.70451	0.10500	16	7.73544	0.64719	0.07375
Method Group 010.XX PCT			29	7.72709	0.63779	0.12886	26	7.74065	0.59457	0.09923
Loss on Drying, 135 deg 2 hr	930.15	011.01	77	8.26089	0.22276	0.07836	73	8.26512	0.20656	0.06690
Method Group 011.XX PCT			77	8.26089	0.22276	0.07836	73	8.26512	0.20656	0.06690
Starch, Polarimetric (Ewers)		012.00	8	30.9294	0.92315	0.30875	7	31.0121	0.93689	0.19571
Starch, Megazyme		012.01	3	28.9217	0.81588	0.21667	3	28.9217	0.81588	0.21667
Starch, Enzymatic		012.03	2	29.7250	2.03906	1.18000	2	29.7250	2.03906	1.18000
Starch, YSI Analyzer		012.04	5	30.2010	1.65648	0.12200	5	30.2010	1.65648	0.12200
Starch, NIR		012.11	1	30.8500	0.63640	0.90000	1	30.8500	0.63640	0.90000
Method Group 012.XX PCT			19	30.2897	1.40888	0.36789	18	30.2864	1.44252	0.32722
Fat, Mojonnier, Bak Ext	954.02	013.02	48	11.1017	0.39941	0.13180	47	11.0965	0.40033	0.12397
Fat, Roese-Gottlieb Modified		013.08	1	11.6200	0.07071	0.10000	1	11.6200	0.07071	0.10000
Fat, Soxtec-Acid Hydrolysis		013.10	17	10.7154	0.50209	0.14447	17	10.7154	0.50209	0.14447
Fat, Super Critical Fluid Extraction		013.11	2	10.4875	1.29880	1.10500	2	10.4875	1.29880	1.10500
Fat, NIR-Acid Hydrolysis		013.12	1	10.7850	0.27577	0.39000	1	10.7850	0.27577	0.39000
Fat, Ankon-Acid Hydrolysis		013.13	4	11.0588	0.72365	0.47250	4	11.0588	0.72365	0.47250
Fat, Pretreat or extended ext, misc		013.99	5	11.1950	0.67263	0.12200	5	11.1950	0.67263	0.12200
Method Group 013.XX PCT			78	11.0081	0.52309	0.17926	77	11.0037	0.52425	0.17510
Aluminum, ICP		015.00	12	50.3874	9.42368	1.73675	12	50.3874	9.42368	1.73675
Method Group 015.XX PPM			12	50.3874	9.42368	1.73675	12	50.3874	9.42368	1.73675
Arsenic, AA, Hydride		016.00	1	0.07800	0.01273	0.01800	1	0.07800	0.01273	0.01800
Boron, ICP		017.00	8	13.4450	1.36495	0.90000	8	13.4450	1.36495	0.90000

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Boron, Misc		017.99	1	12.5500	0.35355	0.50000	1	12.5500	0.35355	0.50000
Method Group 017.XX PPM			9	13.3456	1.31720	0.85556	9	13.3456	1.31720	0.85556
Calcium, Ox-Mn04 Vol	927.02	019.00	10	1.44662	0.08147	0.02948	9	1.44709	0.09677	0.01542
Calcium, At Abs Spect	968.08	019.01	43	1.49109	0.07185	0.03493	41	1.49322	0.06901	0.02663
Calcium, Semiauto (Autoanalyzer)		019.03	5	1.53360	0.03078	0.01680	5	1.53360	0.03078	0.01680
Calcium, ICP, Dry Ash		019.05	42	1.45226	0.07552	0.02957	40	1.45324	0.07583	0.02480
Calcium, EDTA		019.08	7	1.46000	0.06481	0.02571	7	1.46000	0.06481	0.02571
Calcium, ICP, Wet Ash		019.09	30	1.48660	0.06558	0.03323	28	1.48547	0.06293	0.02524
Calcium, Misc		019.99	7	1.40421	0.11750	0.03071	6	1.41367	0.11999	0.00833
Method Group 019.XX PCT			144	1.47148	0.07761	0.03135	135	1.47484	0.07442	0.02365
Chromium, AA		020.00	1	1.85000	0.07071	0.10000	1	1.85000	0.07071	0.10000
Chromium, ICP		020.01	7	2.26254	0.60428	0.31479	7	2.26254	0.60428	0.31479
Chromium, Misc		020.99	2	1.54000	0.87947	0.08000	2	1.54000	0.87947	0.08000
Method Group 020.XX PPM			10	2.07678	0.68098	0.24635	10	2.07678	0.68098	0.24635
Cobalt, AA	968.08	021.01	3	1.11333	0.09688	0.05333	3	1.11333	0.09688	0.05333
Cobalt, ICP		021.02	15	1.17507	0.47929	0.14180	13	1.18162	0.47677	0.06592
Cobalt, Misc.		021.99	1	1.40000	0.00000	0.00000	1	1.40000	0.00000	0.00000
Method Group 021.XX PPM			19	1.17716	0.42973	0.12037	17	1.18241	0.42114	0.05982
Copper, AA	968.08	022.01	26	13.1792	1.98355	0.67992	25	13.2064	1.99591	0.58712
Copper, ICP, Dry Ash	968.08	022.03	29	13.1038	1.99769	0.92803	28	13.0539	1.95837	0.78261
Copper, ICP, Wet Ash	968.08	022.05	30	12.5951	1.05990	0.39640	28	12.4894	0.96903	0.26400
Copper, Misc		022.99	5	12.5526	2.24969	0.41360	5	12.5526	2.24969	0.41360
Method Group 022.XX PPM			90	12.9254	1.75782	0.65057	86	12.8853	1.74377	0.53548
Fluorine, Ion Sel Elect	975.08	023.01	1	0.00200	0.00000	0.00000	1	0.00200	0.00000	0.00000
Iodine, Elm-Cald	935.14	024.01	1	1.41500	0.28991	0.41000	1	1.41500	0.28991	0.41000
Iron, AA	968.08	025.01	19	300.406	23.8874	7.75684	18	302.817	21.8717	6.63222
Iron, ICP, Dry Ash	968.08	025.03	32	300.684	21.9898	7.63122	31	299.279	20.6712	6.87610
Iron, ICP, Wet Ash	968.08	025.05	25	300.685	19.7633	6.76360	24	300.942	19.8819	5.75375
Iron, Misc		025.99	5	312.726	22.5006	12.9110	5	312.726	22.5006	12.9110
Method Group 025.XX PPM			81	301.362	21.8194	7.71881	78	301.469	20.8816	6.86133
Lead,		026.00	1	0.30200	0.02687	0.03800	1	0.30200	0.02687	0.03800
Lead, Misc		026.99	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Method Group 026.XX PPM			2	0.15100	0.17505	0.01900	2	0.15100	0.17505	0.01900
Magnesium, AA	968.08	027.01	25	0.15404	0.00553	0.00296	20	0.15430	0.00525	0.00120
Magnesium, ICP, Dry Ash	968.08	027.03	32	0.15595	0.00705	0.00262	26	0.15631	0.00644	0.00091
Magnesium, ICP, Wet Ash	968.08	027.05	22	0.15272	0.00744	0.00415	23	0.15204	0.00797	0.00397
Magnesium, Misc.		027.99	2	0.16075	0.00699	0.00850	2	0.16075	0.00699	0.00850
Method Group 027.XX PCT			81	0.15460	0.00687	0.00329	70	0.15473	0.00667	0.00223
Manganese, AA	968.08	028.01	17	42.7326	4.96108	0.79941	17	42.1709	5.68105	0.74647

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Manganese, ICP, Dry Ash	968.08	028.03	28	43.5143	2.70918	0.88768	26	43.8519	2.24700	0.74442
Manganese, ICP, Wet Ash	968.08	028.05	31	44.5937	2.38398	1.28032	30	44.6302	2.37113	1.15633
Manganese, Misc.		028.99	5	43.2110	3.25470	1.14200	5	43.2110	3.25470	1.14200
Method Group 028.XX PPM			81	43.7446	3.29053	1.03512	77	43.9093	3.18625	0.91487
Phosphorus, Photometric	965.17	031.01	52	1.03102	0.03192	0.01262	50	1.03188	0.03165	0.01069
Phosphorus, GQMP (2.028)	964.06	031.02	4	1.04699	0.01277	0.01383	4	1.04699	0.01277	0.01383
Phosphorus, Autoanalyzer		031.03	6	1.03300	0.01824	0.00967	6	1.03300	0.01824	0.00967
Phosphorus, ICP		031.05	69	1.02624	0.04394	0.02072	67	1.02598	0.04353	0.01865
Phosphorus, Hach Method		031.06	1	1.00300	0.00849	0.01200	1	1.00300	0.00849	0.01200
Phosphorus, Misc		031.99	10	1.03405	0.05756	0.02190	10	1.03405	0.05756	0.02190
Method Group 031.XX PCT			142	1.02925	0.03958	0.01711	138	1.02945	0.03934	0.01542
Potassium, AA	975.03	032.01	22	0.65614	0.03774	0.01439	21	0.65667	0.03817	0.01270
Potassium, Flame Emission	956.01	032.02	4	0.65738	0.01973	0.01525	4	0.65738	0.01973	0.01525
Potassium, ICP		032.05	53	0.66924	0.03827	0.01652	52	0.66971	0.03817	0.01547
Potassium, Misc		032.99	2	0.66225	0.04443	0.01050	2	0.66225	0.04443	0.01050
Method Group 032.XX PCT			81	0.66492	0.03776	0.01573	79	0.66543	0.03778	0.01459
Salt, Sol Cl	943.01	033.00	18	0.72510	0.07250	0.01163	17	0.72540	0.07450	0.00996
Salt, Poten Cl	969.10	033.01	28	0.77918	0.03173	0.01500	27	0.77896	0.03158	0.01296
Salt, Quantab		033.03	6	0.72417	0.09239	0.01833	6	0.72417	0.09239	0.01833
Salt, Ion Sel Electrode		033.05	1	0.77500	0.00707	0.01000	1	0.77500	0.00707	0.01000
Salt, Misc		033.99	9	0.75006	0.13243	0.03544	10	0.78505	0.16521	0.03190
Method Group 033.XX PCT			62	0.75386	0.07592	0.01723	60	0.75390	0.07677	0.01597
Selenium, Fluor	969.06	034.01	1	0.51450	0.01202	0.01700	1	0.51450	0.01202	0.01700
Selenium, AA, Hydride		034.04	5	0.51980	0.04073	0.02880	4	0.52225	0.03721	0.01100
Selenium, ICP		034.05	2	0.53875	0.05105	0.01250	2	0.53875	0.05105	0.01250
Selenium, Misc		034.99	2	0.50000	0.01633	0.02000	2	0.50000	0.01633	0.02000
Method Group 034.XX PPM			10	0.51910	0.03752	0.02260	9	0.52011	0.03561	0.01400
Sodium, AA		035.00	21	0.35466	0.02253	0.00685	21	0.35466	0.02253	0.00685
Sodium, Ion Sel Electrode		035.01	2	0.36080	0.02537	0.01030	2	0.36080	0.02537	0.01030
Sodium, ICP		035.03	50	0.35123	0.02231	0.00847	46	0.35077	0.02185	0.00620
Sodium, Flame Emission	956.01	035.05	9	0.36667	0.05175	0.00933	8	0.36188	0.05226	0.00425
Sodium, Misc		035.99	2	0.40800	0.03918	0.01500	2	0.40800	0.03918	0.01500
Method Group 035.XX PCT			84	0.35532	0.02868	0.00836	79	0.35463	0.02828	0.00650
Sulfur, (Gravimetric)		036.00	2	0.50000	0.06272	0.03000	2	0.50000	0.06272	0.03000
Sulfur, ICP		036.03	21	0.42957	0.04371	0.00702	20	0.42930	0.04467	0.00587
Sulfur, LECO		036.04	1	0.44000	0.00000	0.00000	1	0.44000	0.00000	0.00000
Method Group 036.XX PCT			24	0.43587	0.04800	0.00865	23	0.43591	0.04895	0.00772
Zinc, AA	968.08	037.01	23	89.8111	5.79515	1.91000	20	90.6093	4.27555	1.43550
Zinc, ICP, Dry Ash	968.08	037.03	31	88.7831	5.73619	2.63235	29	89.1730	5.43430	1.89803

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Zinc, ICP, Wet Ash	968.08	037.05	27	90.3430	4.40473	1.99037	26	90.3792	4.42600	1.78231
Zinc, Misc		037.99	4	90.9928	8.74855	1.22650	4	90.9928	8.74855	1.22650
Method Group 037.XX PPM			85	89.6607	5.53128	2.16681	79	90.0257	5.04807	1.70885
Molybdenum, ICP		038.00	8	2.13375	0.16488	0.16075	8	2.13375	0.16488	0.16075
Molybdenum, Misc		038.99	1	2.45000	0.07071	0.10000	1	2.45000	0.07071	0.10000
Method Group 038.XX PPM			9	2.16889	0.18639	0.15400	9	2.16889	0.18639	0.15400
Nickel, AA		039.01	1	1.40000	0.00000	0.00000	1	1.40000	0.00000	0.00000
Nickel, ICP		039.02	4	2.12094	0.52385	0.27638	4	2.12094	0.52385	0.27638
Method Group 039.XX PPM			5	1.97675	0.55303	0.22110	5	1.97675	0.55303	0.22110
Barium, ICP		040.00	1	4.06500	0.04950	0.07000	1	4.06500	0.04950	0.07000
Sulfamethazine, HPLC		082.01	1	0.00485	0.00049	0.00070	1	0.00485	0.00049	0.00070
Choline Chloride, Chem		101.01	1	1110.00	2.82843	4.00000	1	1110.00	2.82843	4.00000
Choline Chloride, HPLC		101.02	1	74.5000	3.25269	4.60000	1	74.5000	3.25269	4.60000
Method Group 101.XX MG/LB			2	592.250	597.851	4.30000	2	592.250	597.851	4.30000
Niacin, Micro	944.13	102.01	1	40.3350	1.12430	1.59000	1	40.3350	1.12430	1.59000
Riboflavin, Fluorometric	970.65	104.00	3	5.79333	0.28563	0.24667	3	5.79333	0.28563	0.24667
Riboflavin, HPLC		104.03	1	3.49500	0.19092	0.27000	1	3.49500	0.19092	0.27000
Method Group 104.XX MG/LB			4	5.21875	1.09335	0.25250	4	5.21875	1.09335	0.25250
Thiamine, HPLC		105.00	2	5.35000	0.27129	0.28000	2	5.35000	0.27129	0.28000
Thiamine,	942.23	105.01	2	8.62500	1.50112	0.18000	2	8.62500	1.50112	0.18000
Method Group 105.XX MG/LB			4	6.98750	2.01537	0.23000	4	6.98750	2.01537	0.23000
Vitamin A, UV		106.01	1	5.30500	0.09192	0.13000	1	5.30500	0.09192	0.13000
Vitamin A, HPLC		106.02	15	5.97464	1.26851	0.24047	15	5.97464	1.26851	0.24047
Method Group 106.XX KU/LB			16	5.93279	1.23802	0.23357	16	5.93279	1.23802	0.23357
Vitamin B12,	952.20	107.00	2	23.8240	1.07854	0.29200	2	23.8240	1.07854	0.29200
Method Group 107.XX MCG/L			2	23.8240	1.07854	0.29200	2	23.8240	1.07854	0.29200
Vitamin D3, HPLC	982.29	108.01	2	0.55250	0.15457	0.03500	2	0.55250	0.15457	0.03500
Vitamin D3, HPLC		108.02	2	3.35150	3.19104	0.02200	2	3.35150	3.19104	0.02200
Method Group 108.XX KU/LB			4	1.95200	2.57151	0.02850	4	1.95200	2.57151	0.02850
Vitamin E, HPLC		109.02	8	56.2406	9.62316	0.87429	7	55.7107	10.2034	0.58490
Vitamin E, Misc		109.99	1	63.0000	5.65685	8.00000	1	63.0000	5.65685	8.00000
Method Group 109.XX MG/KG			9	56.9917	9.40058	1.66603	8	56.6219	9.92776	1.51179
Pyridoxine, (Vitamin B6)	961.15	112.00	2	1470.47	1693.35	107.070	2	1470.47	1693.35	107.070
Method Group 112.XX MCG/G			2	1470.47	1693.35	107.070	2	1470.47	1693.35	107.070
Biotin, Microbiological		114.01	1	0.28850	0.01485	0.02100	1	0.28850	0.01485	0.02100
Alanine, Post-col Ninhydrin Der	994.12	120.00	12	1.99915	0.07690	0.02568	11	2.00630	0.07525	0.02028
Alanine, Pre-col AQC Der		120.05	2	2.04250	0.10782	0.02500	2	2.04250	0.10782	0.02500
Method Group 120.XX PCT			14	2.00535	0.08105	0.02558	13	2.01187	0.07956	0.02101
Arginine, Post-col Ninhydrin Der	994.12	121.00	13	1.62011	0.12669	0.01705	13	1.62011	0.12669	0.01705

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
			- Pass 1 Results for 212 Labs -				- Pass 2 Results for 212 Labs -			
Arginine, Pre-col AQC Der		121.05	2	1.76750	0.06397	0.05500	2	1.76750	0.06397	0.05500
Method Group 121.XX PCT			15	1.63976	0.12983	0.02211	15	1.63976	0.12983	0.02211
Aspartic, Post-col Ninhydrin Der	994.12	122.00	13	2.26075	0.11990	0.03858	12	2.28075	0.09815	0.02833
Aspartic, Pre-col AQC Der		122.05	2	2.34500	0.19942	0.06000	2	2.34500	0.19942	0.06000
Method Group 122.XX PCT			15	2.27199	0.13174	0.04144	14	2.28993	0.11467	0.03286
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	11	0.49257	0.10327	0.01099	10	0.48510	0.10514	0.00640
Cysteine/Cystine, PAO Post-col OPA Der		124.02	2	0.47775	0.02060	0.00250	2	0.47775	0.02060	0.00250
Cysteine/Cystine, PAO Pre-col AQC Der .		124.05	1	0.69100	0.11172	0.15800	1	0.69100	0.11172	0.15800
Method Group 124.XX PCT			14	0.50463	0.10771	0.02028	13	0.49981	0.11013	0.01746
Glutamic, Post-col Ninhydrin Der	994.12	125.00	12	5.26283	0.21039	0.07567	11	5.24535	0.20714	0.05800
Glutamic, Pre-col AQC Der		125.05	2	5.43250	0.28064	0.10500	2	5.43250	0.28064	0.10500
Method Group 125.XX PCT			14	5.28706	0.22386	0.07986	13	5.27415	0.22413	0.06523
Glycine, Post-col Ninhydrin Der	994.12	126.00	13	1.72397	0.10703	0.05494	12	1.72242	0.08355	0.01783
Glycine, Pre-col AQC Der		126.05	2	1.82250	0.03862	0.01500	2	1.82250	0.03862	0.01500
Method Group 126.XX PCT			15	1.73711	0.10578	0.04961	14	1.73671	0.08593	0.01743
Histidine, Post-col Ninhydrin Der	994.12	127.00	12	0.68443	0.03139	0.00710	12	0.68443	0.03139	0.00710
Histidine, Pre-col AQC Der		127.05	2	0.69750	0.02500	0.02500	2	0.69750	0.02500	0.02500
Method Group 127.XX PCT			14	0.68629	0.03051	0.00966	14	0.68629	0.03051	0.00966
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	13	1.06437	0.12518	0.02355	12	1.05915	0.12787	0.01551
Isoleucine, Pre-col AQC Der		128.05	2	1.11900	0.14233	0.07200	2	1.11900	0.14233	0.07200
Method Group 128.XX PCT			15	1.07165	0.12634	0.03001	14	1.06770	0.12897	0.02358
Leucine, Post-col Ninhydrin Der	994.12	129.00	13	3.01400	0.18656	0.08672	12	2.98958	0.16360	0.06311
Leucine, Pre-col AQC Der		129.05	2	3.12750	0.12842	0.04500	2	3.12750	0.12842	0.04500
Method Group 129.XX PCT			15	3.02913	0.18234	0.08115	14	3.00928	0.16447	0.06052
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	12	1.20076	0.06401	0.02251	12	1.20076	0.06401	0.02251
L-Lysine, Pre-col AQC Der		130.05	2	1.17250	0.08382	0.00500	2	1.17250	0.08382	0.00500
Method Group 130.XX PCT			14	1.19673	0.06612	0.02001	14	1.19673	0.06612	0.02001
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	11	0.79271	0.09892	0.01497	11	0.79271	0.09892	0.01497
Methionine, PAO Pre-col OPA Der		131.01	1	0.98000	0.01414	0.02000	1	0.98000	0.01414	0.02000
Methionine, PAO Post-col OPA Der		131.02	2	0.88300	0.03275	0.00900	2	0.88300	0.03275	0.00900
Methionine, PAO Pre-col AQC Der		131.05	2	0.86275	0.02451	0.03750	2	0.86275	0.02451	0.03750
Method Group 131.XX PCT			16	0.82446	0.09851	0.01736	16	0.82446	0.09851	0.01736
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	13	1.42288	0.09841	0.02306	12	1.42092	0.10156	0.01783
Phenylalanine, Pre-col AQC Der		132.05	2	1.55000	0.06164	0.08000	2	1.55000	0.06164	0.08000
Method Group 132.XX PCT			15	1.43983	0.10331	0.03065	14	1.43936	0.10641	0.02671
Proline, Post-col Ninhydrin Der	994.12	133.00	12	2.22034	0.10043	0.02630	12	2.22034	0.10043	0.02630
Proline, Pre-col AQC Der		133.05	2	2.31250	0.10689	0.00500	2	2.31250	0.10689	0.00500
Method Group 133.XX PCT			14	2.23351	0.10460	0.02326	14	2.23351	0.10460	0.02326
Serine, Post-col Ninhydrin Der	994.12	134.00	12	1.37931	0.08959	0.02916	11	1.37805	0.09240	0.02282

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
			- Pass 1 Results for 212 Labs -				- Pass 2 Results for 212 Labs -			
Serine, Pre-col AQC Der		134.05	2	1.52500	0.02380	0.01000	2	1.52500	0.02380	0.01000
Method Group 134.XX PCT			14	1.40013	0.09796	0.02642	13	1.40065	0.10081	0.02085
Threonine, Post-col Ninhydrin Der	994.12	135.00	12	1.05096	0.05173	0.02003	11	1.05109	0.05118	0.01145
Threonine, Pre-col AQC Der		135.05	2	1.12000	0.03367	0.04000	2	1.12000	0.03367	0.04000
Method Group 135.XX PCT			14	1.06082	0.05487	0.02289	13	1.06169	0.05458	0.01585
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	1	0.28700	0.00141	0.00200	1	0.28700	0.00141	0.00200
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	6	0.27258	0.02172	0.01170	5	0.27460	0.02024	0.00400
Tryptophan, Alka Hydrol+IS Rev Phase LC		136.03	1	0.27850	0.00354	0.00500	1	0.27850	0.00354	0.00500
Tryptophan, Misc		136.99	1	0.19950	0.00919	0.01300	1	0.19950	0.00919	0.01300
Method Group 136.XX PCT			9	0.26672	0.03052	0.01002	8	0.26725	0.03113	0.00500
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	7	1.01449	0.05300	0.01836	7	1.01449	0.05300	0.01836
Tyrosine, Pre-col AQC Der		137.05	1	0.92000	0.11314	0.16000	1	0.92000	0.11314	0.16000
Method Group 137.XX PCT			8	1.00268	0.06580	0.03606	8	1.00268	0.06580	0.03606
Valine, Post-col Ninhydrin Der	994.12	138.00	13	1.29022	0.12175	0.03532	12	1.28967	0.12304	0.02067
Valine, Pre-col AQC Der		138.05	2	1.35750	0.13074	0.09500	2	1.35750	0.13074	0.09500
Method Group 138.XX PCT			15	1.29919	0.12283	0.04327	14	1.29936	0.12402	0.03129
Taurine, Post-col Ninhydrin Der	994.12	139.00	4	0.12255	0.01612	0.00175	3	0.11850	0.01678	0.00033
Taurine, Post-col OPA Der		139.02	1	0.13550	0.00919	0.01300	1	0.13550	0.00919	0.01300
Taurine, Pre-col AQC Der		139.05	2	0.13375	0.01220	0.01150	2	0.13375	0.01220	0.01150
Taurine, Misc		139.99	1	0.11500	0.00707	0.01000	1	0.11500	0.00707	0.01000
Method Group 139.XX PCT			8	0.12603	0.01451	0.00662	7	0.12479	0.01511	0.00671

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 000.03	--
861	2.5100	.71
--	Method 000.99	--
265	0.4750	.71
--	Method 001.00	--
596	8.5500	2.06
504	8.0950	.92
783	7.8150	.22
844	7.7650	.21
169	7.7650	.11
Avg	7.7300	
861	7.6700	-.15
029	7.6500	-.20
016	7.5200	-.55
309	7.5000	-.58
733	7.0500 R	-1.74
509	6.9700	-1.90
560	5.8550 s	-4.70
--	Method 001.03	--
867	8.0450	1.23
868	7.8450	.34
567	7.8000	.14
Avg	7.7680	
688	7.7500	-.24
686	7.4000	-1.68
727	6.4735 S	-5.75
--	Method 001.07	--
307	9.2500 s	8.35
366	7.9500 R	2.90
142	8.0000	1.68
045	7.9500	1.47
278	7.8950	1.22
592	7.8750	1.11
413	7.8500	1.02
588	7.8350	.93
098	7.8300	.90
--	Method 001.07	--
199	7.8250	.88
178	7.7500	.87
843	7.7000	.79
074	7.7800	.79
177	7.6550	.72
049	7.7550	.71
089	7.7800	.67
693	7.7650	.64
139	7.7250	.42
581	7.6900	.41
550	7.7175	.39
083	7.7000	.38
695	7.7150	.38
669	7.6950	.35
035	7.6850	.24
015	7.6800	.22
Avg	7.6331	
187	7.6150	-.09
689	7.6000	-.15
571	7.6200	-.28
297	7.5600	-.34
065	7.5538	-.36
609	7.5500	-.44
591	7.5300	-.49
849	7.4950	-.63
353	7.4450	-.86
675	7.3600	-1.25
226	7.3500	-1.31
004	7.2950	-1.60
345	7.2700	-1.67
171	7.2100	-1.93
679	7.2000	-1.98
616	7.1850	-2.05
038	6.7275 s	-5.41
845	6.3100 s	-6.43
618	1.1650 s	-29.56
--	Method 001.08	--
590	7.6050	-.71
--	Method 001.99	--
405	8.4150	1.85
681	8.3350	1.59
612	8.2100	1.17
729	8.0000	.52
786	7.9200	.51
505	7.9850	.42
357	7.9650	.37
Avg	7.8591	
676	7.8205	-.13
629	7.7500	-.40
037	7.7200	-.47
630	7.8450	-.52
096	7.7500	-.62
665	7.6450	-.72
615	7.5700	-1.01
619	7.4950	-1.22
853	7.3200	-1.80
541	6.2550 s	-5.35
--	Method 002.00	--
869	31.055	1.49
199	30.535	.48
679	30.560	.35
028	30.560	.31
Avg	30.429	
015	30.230	-.54
845	30.375	-.97
864	30.140	-.99
826	29.980	-1.63
--	Method 002.01	--
685	30.605	1.64
723	30.540	1.35
870	30.300	.53
043	30.280	.41
350	30.253	.09
--	Method 002.01	--
Avg	30.232	
848	30.130	-.45
652	30.100	-.73
716	30.100	-.73
098	30.150	-.75
653	29.860	-1.65
--	Method 002.02	--
297	31.555	1.55
169	31.370	1.20
Avg	30.791	
669	30.790	-.19
152	30.615	-.35
036	30.433	-.70
042	30.425	-.72
307	30.350	-1.22
043	29.055 S	-3.40
--	Method 002.04	--
504	30.650	1.38
868	30.325	.79
Avg	29.889	
187	29.700	-.35
509	29.540	-.63
405	29.230	-1.20
728	24.790 S	-9.29
--	Method 002.05	--
852	32.500 s	9.63
591	30.810	2.07
674	30.635	1.23
178	30.600	1.02
177	30.425	.57
596	30.400	.47
849	30.445	.46
354	30.475	.45
Avg	30.375	
620	30.349	-.13
622	30.313	-.29
--	Method 002.05	--
083	30.320	-.52
194	30.255	-.55
689	30.300	-.57
039	30.208	-.76
651	30.162	-.98
621	29.930	-2.05
855	29.625 s	-3.42
--	Method 002.06	--
813	40.725 s	45.49
660	32.755 s	6.61
615	32.040 s	4.34
018	31.795 s	3.58
037	31.670	3.14
001	31.570 A	2.93
692	31.500 A	2.77
616	31.405	2.30
511	31.345	2.12
554	31.310	1.99
100	31.305	1.98
733	31.215	1.69
811	31.130	1.59
047	31.055 R	1.55
263	31.157	1.50
590	31.050	1.41
573	31.115	1.37
016	31.100	1.32
029	31.085	1.27
567	30.850 R	1.23
618	31.070	1.22
013	31.045	1.14
164	31.040	1.13
762	31.015	1.10
229	31.020	1.06
148	30.975	.92
504	30.970	.91
646	30.950	.91
074	30.965	.90
035	30.955	.89

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

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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 002.10 --		--	Method 003.00 --	
647	30.930	.78	550	30.613	-.25	650	30.465	-.93	861	30.650	1.36	527	8.3050	2.38
786	30.895	.77	096	30.655	-.26	781	30.395	-.94	121	30.593	1.15	509	7.9100	1.06
859	30.848	.77	682	30.660	-.27	011	30.400	-.96	546	30.495	.90	300	7.8300 R	1.04
609	30.725	.76	676	30.619	-.31	278	30.400	-.97	629	30.375	.37	563	7.8757	.96
574	30.825	.69	357	30.595	-.32	083	30.405	-1.03	619	30.350	.32	152	7.8000	.70
265	30.900	.68	571	30.600	-.32	036	30.360	-1.05	Avg	30.276		190	7.6950	.37
505	30.895	.66	089	30.585	-.33	010	30.420	-1.07	729	30.235	-.22	848	7.7000	.36
233	30.885	.65	139	30.585	-.35	619	30.350	-1.09	675	30.190	-.31	139	7.6900	.33
417	30.710	.64	783	30.595	-.40	668	30.497	-1.09	867	30.075	-.73	616	7.6550	.23
144	30.880	.64	546	30.665	-.41	413	30.650 R	-1.13	688	30.000	-1.24	870	7.6149	.14
019	30.805	.60	171	30.600	-.43	190	30.315	-1.21	727	30.210 R	-1.36	726	7.6140	.12
425	30.870	.59	002	30.555	-.43	598	30.345	-1.28	628	29.795	-1.75	194	7.6150	.10
108	30.795	.58	175	30.550	-.47	017	30.325	-1.30	160	29.345 S	-3.69	Avg	7.5905	
202	30.830	.56	819	30.550	-.47	242	30.280	-1.31				345	7.4750	-.39
825	30.850	.54	512	30.585	-.47	686	30.280	-1.32	--	Method 002.11 --		596	7.4800	-.42
142	30.850	.54	038	30.540	-.47	693	30.275	-1.32	297	31.815	1.52	354	7.4500	-.47
758	30.855	.54	589	30.535	-.49	630	30.450 R	-1.35	567	31.550	1.14	142	7.3500	-.82
695	30.720	.52	226	30.650	-.49	003	30.425 R	-1.41	553	31.320	.81	309	7.3000	-.96
034	30.840	.50	366	30.650	-.49	832	30.305	-1.45	588	31.090	.55	353	7.1400	-1.52
049	30.835	.49	033	30.540	-.51	051	30.170	-1.66	011	30.950	.28	026	6.9600	-2.09
098	30.800	.48	843	30.525	-.52	004	30.150	-1.72	688	30.800	.16			
065	30.826	.44	712	30.595	-.52	045	30.150	-1.73	Avg	30.759		--	Method 003.01 --	
747	30.810	.41	588	30.525	-.55	726	30.048	-2.05	573	30.700	-.17	504	7.5250	-.71
670	30.795	.40	358	30.575	-.56	353	30.030	-2.11	178	30.500	-.40			
592	30.800	.36	407	30.510	-.57	541	29.970	-2.46	867	30.335	-.61	--	Method 003.06 --	
026	30.790	.33	345	30.540	-.59	539	29.875 A	-2.76	628	29.820	-1.35	869	10.665 s	8.29
199	30.750	.32	021	30.580	-.59	527	29.945 s	-3.08	665	29.470	-1.86	867	9.4900 s	5.29
673	30.700	.32	043	30.485	-.68	168	29.845 s	-4.27				552	8.2350	2.11
106	30.785	.31	520	30.650	-.68	294	28.280 s	-7.70	--	Method 002.99 --		083	7.7350 R	1.40
354	30.775	.29	626	30.510	-.72				681	32.095 S	8.90	511	7.8350	1.10
042	30.730	.26	736	30.455	-.75	--	Method 002.08 --		305	30.505	1.26	688	7.8000	1.02
610	30.750	.25	674	30.470	-.77	706	31.050	1.72	536	30.415	.26	588	7.7700	.91
853	30.755	.22	773	30.545	-.77	062	30.506	.56	Avg	30.372		074	7.7100	.76
793	30.720	.16	027	30.497	-.77	610	30.450	.19	643	30.195	-.92	682	7.6150	.52
737	30.735	.16	559	30.575	-.83	Avg	30.398					229	7.5550	.36
205	30.725	.14	806	30.425	-.85	208	30.300	-.37	--	Method 003.00 --		148	7.5000	.25
Avg	30.688		014	30.500	-.88	563	30.180	-.57	615	11.995 s	14.66	689	7.5000	.22
298	30.670	-.07	160	30.415	-.91	309	29.900	-1.32	307	11.250 s	12.28	669	7.4300	.18
529	30.655	-.11	510	30.400	-.92				017	11.050 s	11.63	199	7.4850	.18

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 003.06	--
425	7.4150	.01
Avg	7.4138	
003	7.3600	-.16
164	7.3400	-.20
305	7.3000	-.29
852	7.2850	-.33
647	7.1850	-.59
574	7.0600	-.98
297	7.0600	-1.00
294	6.9200	-1.26
621	6.3300	-2.77
--	Method 003.09	--
004	11.135 s	24.40
554	11.040 s	23.76
620	7.7528	1.94
029	7.7150	1.60
675	7.7150	1.45
685	7.6850	1.27
098	7.5600	.78
Avg	7.5005	
849	7.4950	-.11
350	7.4505	-.39
033	7.4400	-.41
354	7.4350	-.44
673	7.4500	-.48
651	7.4455	-.54
653	7.4050	-.64
590	7.4950	-.71
674	7.3700	-.89
358	7.3950	-.95
121	7.3495	-1.01
226	7.3500	-1.06
--	Method 003.10	--
706	10.350 s	20.14
609	9.3050 s	12.89
591	9.0850 s	11.37
868	7.7000	1.76
--	Method 003.10	--
045	7.5550	1.31
366	7.6000	1.26
676	7.5740	.88
242	7.5650	.83
689	7.5000	.78
100	7.5500	.71
618	7.5410	.70
160	7.5095	.69
619	7.5200	.57
233	7.5150	.48
695	7.4500	.21
Avg	7.4480	
062	7.4440	-.22
098	7.4050	-.30
208	7.4150	-.51
629	7.4250	-.54
728	7.3650	-.58
693	7.3450	-.74
178	7.3500	-1.24
089	7.2500	-1.37
298	7.2500	-1.38
855	7.2200	-1.59
202	7.2550	-1.60
623	6.2195 s	-8.54
--	Method 003.11	--
628	13.250 S	2.68
553	11.685 S	1.42
011	11.400 S	1.19
567	10.500	.46
573	10.000	.06
Avg	9.3942	
588	9.8800 R	-.06
178	9.6000	-.27
867	9.5150	-.34
688	9.0000	-.75
665	7.7500	-1.76
--	Method 003.12	--
864	8.4100 s	9.89
171	7.7200	1.50
Avg	7.6000	
670	7.5800	-.27
628	7.5500	-.69
357	7.5500	-.84
--	Method 003.13	--
536	9.6150	2.05
Avg	7.8351	
646	7.8150	-.08
187	7.6200	-.25
660	7.4900	-.41
205	7.4445	-.45
668	7.0260	-.93
--	Method 003.14	--
049	7.8250	2.19
413	7.6500	1.09
278	7.5500	.57
598	7.5300	.40
520	7.5100	.30
529	7.4850	.14
Avg	7.4610	
144	7.3500	-.63
567	7.3500	-.68
550	7.3275	-.76
581	7.3250	-.82
108	7.4100	-.83
021	7.2200	-1.44
265	6.9000 s	-3.34
853	6.7600 s	-4.55
--	Method 003.99	--
786	9.6350	1.27
681	9.4050	1.00
047	9.2400	.81
546	9.0400	.58
Avg	8.5300	
--	Method 003.99	--
712	8.2900	-.33
630	7.5500	-1.11
737	7.5450	-1.12
861	7.5350	-1.13
727	7.2500 R	-1.53
--	Method 004.00	--
647	3.8800 s	5.23
353	3.7200 s	4.69
015	3.6000 A	4.27
681	3.3750 s	3.70
226	3.0000	2.26
511	2.8000	1.59
175	2.7050 R	1.34
345	2.7000	1.26
596	2.6500	1.06
171	2.5250	.62
208	2.5000	.58
190	2.4800	.47
509	2.4650	.42
559	2.4600	.40
169	2.3450	.26
354	2.3950	.18
510	2.3500	.17
563	2.3749	.14
695	2.3500	.10
Avg	2.3439	
309	2.3200	-.11
199	2.2900	-.23
706	2.2500	-.36
855	2.2250	-.41
298	2.2100	-.46
726	2.1775	-.57
194	2.1650	-.61
425	2.1000	-.83
164	2.0500	-1.01
504	1.8300	-1.76
042	1.5850	-2.58
--	Method 004.01	--
693	3.0050	.71
--	Method 004.03	--
045	2.2900	.87
Avg	2.2550	
619	2.2200	-.87
--	Method 004.06	--
609	3.9600 s	3.25
685	3.7400	2.72
676	3.6505	2.50
716	3.0500	1.04
866	3.0100	.94
588	3.0000	.91
845	2.9800	.86
178	2.7500 R	.68
620	2.8067	.45
027	2.6415	.43
675	2.7500	.40
728	2.7500	.35
689	2.7000	.30
029	2.7150	.30
723	2.7050	.19
674	2.6450	.16
Avg	2.6265	
673	2.6000	-.06
670	2.5100	-.29
552	2.5050	-.33
205	2.4700	-.41
869	2.4300	-.51
849	2.3700	-.63
868	2.3550	-.66
098	2.3750	-.67
590	2.3700	-.68
867	2.3100	-.77
621	2.2200	-.99
350	2.2140	-1.01
848	2.1950	-1.05
688	2.2000	-1.07

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 004.06 --		--	Method 004.07 --		--	Method 005.00 --		--	Method 005.00 --		--	Method 005.00 --	
610	1.9000	-1.79	035	2.0450	-.74	307	6.9500	1.68	045	6.7900	.51	616	6.6450	-.52
			026	2.0250	-.79	852	6.9500	1.66	682	6.7900	.51	425	6.6400	-.55
--	Method 004.07 --		708	2.0100	-.86	716	6.9500	1.66	783	6.7650	.51	689	6.6350	-.58
278	5.1500 s	8.13	160	1.9950	-.90	676	6.9385	1.54	693	6.7850	.48	015	6.6350	-.58
592	3.6250 s	3.78	870	2.0234	-.98	226	6.9000 R	1.45	100	6.7850	.47	121	6.6415	-.59
265	3.3000	2.85	505	1.9650	-.98	868	6.9100	1.36	298	6.7800	.44	366	6.6500	-.59
019	3.2400	2.68	100	1.9500	-1.06	354	6.9050	1.32	510	6.7750	.44	139	6.6300	-.61
520	2.6100 R	1.65	242	1.8500	-1.29	229	6.9000	1.28	653	6.7800	.44	278	6.6250	-.65
679	2.7750	1.35	307	1.7000	-1.74	619	6.9000	1.27	622	6.7500	.40	813	6.6250	-.66
004	2.7500	1.30	536	1.1075 s	-3.41	675	6.8850	1.17	539	6.7200	.35	083	6.6250	-.67
003	2.6900	1.26				869	6.8000 R	1.13	511	6.7200	.35	598	6.6300	-.67
581	2.7250	1.23	--	Method 004.11 --		849	6.8700	1.06	098	6.7400	.32	747	6.6450	-.68
646	2.5700	.80	178	2.7500	1.44	712	6.8650	1.04	845	6.7300	.29	144	6.6200	-.68
407	2.5800	.79	628	2.6150	.91	242	6.8600	1.00	686	6.7500	.27	819	6.6200	-.69
686	2.5750	.78	688	2.4500	.34	679	6.8600	1.00	559	6.7400	.26	199	6.6150	-.72
089	2.5450	.69	588	2.3800	.31	413	6.8500	.99	563	6.7290	.26	541	6.6150	-.74
121	2.4515	.67	Avg	2.3769		688	6.8500	.99	773	6.7500	.24	001	6.6250	-.75
042	2.5350	.67	867	2.3700	-.03	615	6.7200 R	.98	152	6.7300	.23	620	6.6100	-.75
643	2.4950	.57	567	2.3500	-.22	178	6.8000 R	.90	035	6.7500	.23	609	6.6100	-.77
669	2.3750	.44	573	2.2500	-.52	567	6.8000 R	.90	350	6.7485	.22	781	6.6100	-.78
033	2.4100	.31	553	1.8500	-2.02	590	6.8400	.90	674	6.7350	.16	033	6.6050	-.79
554	2.3500	.20				305	6.8350	.83	661	6.7350	.13	171	6.6050	-.79
Avg	2.3017		--	Method 004.99 --		553	6.8350	.83	407	6.7350	.13	029	6.6400	-.83
300	2.2500	-.19	629	6.7800 S	8.29	164	6.8350	.82	034	6.7300	.09	089	6.5900	-.89
096	2.2500	-.21	626	2.8550	1.23	038	6.8250	.81	004	6.7250	.06	855	6.5850	-.93
013	2.2350	-.27	628	2.4450	.13	630	6.7700 R	.79	Avg	6.7177		811	6.5850	-.93
682	2.3000	-.29	Avg	2.3917		300	6.8300	.79	762	6.7050	-.10	621	6.5800	-.97
098	2.1700	-.39	598	1.8750	-.99	729	6.8250	.77	706	6.7000	-.12	051	6.5800	-1.00
567	2.2000	-.41				870	6.7958	.69	142	6.7000	-.12	733	6.5700	-1.03
074	2.1300	-.49	--	Method 005.00 --		505	6.8150	.68	550	6.6925	-.21	160	6.5755	-1.06
229	2.1250	-.51	591	7.4250 s	4.94	108	6.7700	.67	758	6.6850	-.25	736	6.5650	-1.07
294	2.1150	-.53	265	7.2000 s	3.97	651	6.8120	.66	552	6.6850	-.25	049	6.5750	-1.07
864	2.1150	-.56	062	7.0950 s	3.12	669	6.8050	.63	623	6.6985	-.33	650	6.5650	-1.07
202	2.1300	-.57	297	7.1500 A	3.04	148	6.7950	.62	202	6.6800	-.34	353	6.6050 R	-1.08
021	2.1150	-.57	867	7.1250	2.85	643	6.7950	.59	358	6.6750	-.35	026	6.5600	-1.10
028	2.1000	-.58	592	7.1150	2.78	345	6.8000	.58	660	6.6950	-.42	169	6.5600	-1.12
529	2.0550	-.71	187	7.0700	2.47	357	6.8000	.57	205	6.6515	-.46	175	6.5550	-1.16
144	2.1000	-.72	695	6.9700	1.77	723	6.7950	.54	194	6.6500	-.48	596	6.5500	-1.22
413	2.0500	-.73	504	6.9700	1.76	021	6.7550	.52	065	6.6470	-.50	520	6.5400	-1.24

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 005.00	--
806	6.5400	-1.26
670	6.5300	-1.31
208	6.5300	-1.32
309	6.5000	-1.52
853	6.4800	-1.75
832	6.4650	-1.78
294	6.3600	-2.50
618	6.3305	-2.71
417	6.2750 A	-3.10
--	Method 005.01	--
646	6.7400	.71
--	Method 005.11	--
573	8.1500 S	5.94
628	7.5650 S	3.54
867	7.0900	1.51
Avg	6.7275	
665	6.7200	-.17
178	6.5500	-.77
688	6.5500	-.77
588	6.2000 S	-2.60
--	Method 005.99	--
554	8.1200 s	8.41
728	7.0400	1.73
727	7.0455	1.55
652	6.9000	.80
866	6.9410	.74
628	6.9100	.70
673	6.8500	.36
096	6.8500	.36
Avg	6.8280	
861	6.8200	-.08
546	6.8250	-.10
681	6.7300	-.64
536	6.7300	-.67
573	6.7100	-.79
574	6.7150	-.88

Lab	Average*	Index
--	Method 005.99	--
826	6.5250	-1.97
--	Method 008.02	--
527	6.1750	2.15
405	5.2800	1.20
045	4.9900	.89
187	4.5150	.38
148	4.3950	.25
Avg	4.1625	
675	4.1600	-.09
309	3.8050	-.38
098	3.6500	-.55
504	3.4650	-.75
226	3.2500	-.99
619	3.2350	-1.00
353	3.0300	-1.21
--	Method 008.05	--
265	5.6000	.71
--	Method 008.08	--
693	6.1000	2.48
278	5.8000	2.14
357	4.8500	1.11
510	4.7000	.94
864	4.3050	.50
083	4.2700	.47
592	4.2450	.44
354	4.2000	.40
106	4.1800	.37
413	4.1000	.30
049	4.0700	.26
033	4.0450	.23
Avg	3.8451	
202	3.6000	-.27
581	3.5350	-.39
004	3.4000	-.49
358	3.3050	-.60
026	3.2850	-.61

Lab	Average*	Index
--	Method 008.08	--
870	3.2914	-.62
294	3.2000	-.71
646	3.0100	-.92
164	2.9000	-1.03
160	2.8500	-1.11
686	2.6000	-1.36
037	2.4400	-1.54
--	Method 008.99	--
307	4.4500	1.14
610	4.1500	.76
Avg	3.7288	
297	3.2200	-.79
676	3.0950	-.99
--	Method 009.04	--
504	13.200	.71
--	Method 009.07	--
307	14.500	1.47
045	13.900	1.16
309	12.915	.66
297	12.970	.66
226	12.450	.45
693	11.885 R	.38
Avg	11.738	
098	11.000	-.40
187	10.735	-.54
675	10.460	-.68
353	10.070	-.89
038	8.3750	-1.79
--	Method 009.09	--
265	21.300 s	12.59
083	16.830 s	6.99
592	12.565	1.60
510	12.450	1.49
357	12.200	1.17
160	12.145	1.14

Lab	Average*	Index
--	Method 009.09	--
106	11.825	.67
646	11.495	.55
202	11.330	.33
294	11.310	.03
278	11.300	.01
Avg	11.290	
164	11.000	-.39
037	10.900	-.62
686	10.670	-.79
413	10.700	-.83
049	11.145 R	-.87
870	10.426	-1.10
581	10.265	-1.30
354	10.060	-1.55
--	Method 009.99	--
676	16.060	1.05
610	14.100 R	.56
728	13.865	.12
Avg	13.592	
619	10.850	-1.17
--	Method 010.03	--
843	8.4600	.80
Avg	7.9325	
027	7.4050	-.93
546	5.0250 S	-4.27
826	4.9050 S	-4.42
--	Method 010.11	--
573	8.5000	1.66
553	8.4750	1.61
038	8.2735 R	1.27
Avg	7.7031	
867	7.5750	-.27
567	7.5000	-.42
588	7.4800	-.47
178	7.4500	-.54
688	7.4500	-.54

Lab	Average*	Index
--	Method 010.11	--
628	7.1950	-1.06
--	Method 010.99	--
305	9.2100	2.28
190	8.4900	1.17
417	8.4350	1.09
047	8.2150 R	.79
726	8.1630	.66
716	8.1500	.65
652	8.1000	.58
869	7.7500	.03
Avg	7.7354	
852	7.6900	-.08
529	7.5350	-.31
866	7.4490	-.44
628	7.4400	-.46
028	7.3100	-.68
164	7.2300	-.78
168	7.1950	-.85
673	7.0000	-1.14
527	6.6200	-1.72
712	6.3400 R	-2.17
536	4.8800 s	-4.41
--	Method 011.01	--
108	9.7500 s	7.23
175	8.7500 R	2.46
643	8.7500	2.36
208	8.6650	1.95
242	8.5750	1.50
848	8.5700	1.48
202	8.5650	1.46
728	8.5600	1.43
121	8.4980	1.14
825	8.5000	1.14
747	8.4950	1.11
668	8.4855	1.09
758	8.4800	1.04
819	8.4750	1.02

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 011.01	--
559	8.4550	.94
541	8.4550	.93
737	8.4250	.85
205	8.4365	.83
806	8.4150	.73
736	8.4150	.73
407	8.4000	.68
647	8.3500	.67
520	8.3750	.67
596	8.4000	.65
793	8.3000 R	.65
033	8.3900	.61
100	8.3850	.60
781	8.3805	.58
098	8.3800	.57
762	8.3700	.53
194	8.3650	.49
832	8.3250	.39
539	8.3250	.36
773	8.2850	.33
813	8.3050	.26
811	8.3100	.22
653	8.3100	.22
723	8.3100	.22
164	8.2900	.19
623	8.2775	.16
621	8.2700	.10
Avg	8.2651	
870	8.2241	-.20
354	8.2200	-.22
682	8.2250	-.23
510	8.2500	-.25
309	8.2500	-.25
233	8.2150	-.30
171	8.2500	-.30
598	8.1950	-.34
651	8.1885	-.37
591	8.1800	-.44
573	8.1610	-.50

Lab	Average*	Index
--	Method 011.01	--
148	8.1650	-.55
021	8.1400	-.65
563	8.1324	-.68
650	8.1150	-.73
144	8.1500	-.77
265	8.1000	-.80
034	8.0950	-.82
358	8.1050	-.84
026	8.0900	-.85
675	8.0850	-.88
350	8.0795	-.90
294	8.0800	-.90
226	8.1000	-.93
511	8.0750	-.99
674	8.0800	-1.07
622	8.0394	-1.10
843	8.0500	-1.17
859	8.0035	-1.28
620	7.9882	-1.34
670	7.9400	-1.58
660	7.9550	-1.60
298	7.9300	-1.62
229	7.9600 R	-1.63
039	7.8291	-2.11
574	7.7250 R	-2.72
552	7.6450	-3.00
855	7.3950 s	-4.29
646	7.3800 s	-4.49
160	7.3550 s	-4.53
051	7.2850 s	-5.41
706	7.0500 s	-5.89
062	6.7220 s	-7.47
--	Method 011.99	--
588	31.215 S	.00

Lab	Average*	Index
--	Method 012.00	--
559	31.650	.70
716	31.600	.63
869	31.525	.56
689	31.450	.47
354	31.410	.44
Avg	31.012	
178	30.400	-.65
567	30.350 R	-.92
673	29.050	-2.11
--	Method 012.01	--
096	29.950	1.30
Avg	28.922	
686	28.485	-.54
676	28.330	-.73
--	Method 012.03	--
098	31.350	.92
Avg	29.725	
297	28.100	-.80
--	Method 012.04	--
106	33.100	1.75
278	30.300	.06
Avg	30.201	
160	29.735	-.28
353	29.420	-.48
510	28.450	-1.06
--	Method 012.11	--
178	30.850	-.71
--	Method 012.99	--
619	38.450 S	.00
--	Method 013.02	--
038	12.010	2.29
511	11.940	2.13
843	11.855	1.92

Lab	Average*	Index
--	Method 013.02	--
139	11.720	1.56
861	11.695	1.51
229	11.570	1.25
065	11.574	1.19
811	11.445	.94
674	11.350 R	.89
643	11.425	.84
676	11.415	.82
175	11.350	.74
100	11.355	.66
762	11.350	.64
826	11.335	.60
034	11.300	.51
202	11.275	.51
505	11.275	.47
148	11.275	.47
407	11.190	.29
682	11.100	.01
Avg	11.096	
164	11.075	-.10
171	11.065	-.14
559	11.035	-.17
035	11.030	-.17
736	11.070	-.21
806	11.040	-.29
016	10.950	-.39
813	10.950	-.39
747	10.905	-.51
650	10.885	-.53
013	10.885	-.53
039	10.880	-.54
354	10.855	-.62
825	10.850	-.63
832	10.825	-.68
169	10.810	-.72
001	10.820	-.76
510	10.800	-.78
758	10.775	-.80
033	10.755	-.85

Lab	Average*	Index
--	Method 013.02	--
773	10.685	-1.03
855	10.625	-1.22
208	10.600	-1.24
793	10.590	-1.35
675	10.540	-1.39
853	10.470	-1.62
026	10.310	-1.97
015	9.7500 s	-3.42
616	9.3450 s	-4.38
011	8.8800 s	-5.58
--	Method 013.08	--
591	11.620	-.71
--	Method 013.10	--
843	11.855	2.28
160	11.645	1.86
028	11.125	.90
652	11.100	.79
539	10.835	.25
350	10.789	.20
688	10.750	.12
Avg	10.715	
096	10.600	-.23
723	10.600	-.23
716	10.645	-.24
673	10.500	-.43
660	10.545	-.45
733	10.460	-.51
177	10.460	-.52
062	10.243	-.96
353	10.160	-1.11
610	9.8500	-1.75
845	9.0450 s	-3.64
591	8.1000 s	-5.21

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 013.11	--
014	11.300	1.05
Avg	10.488	
417	9.6750	-.63
866	7.7500 S	-2.11
--	Method 013.12	--
588	10.785	.71
--	Method 013.13	--
843	11.855	1.11
581	11.105	.07
Avg	11.059	
042	11.025	-.13
027	10.250	-1.50
--	Method 013.99	--
628	11.765	.85
300	11.730	.80
051	11.635	.67
Avg	11.195	
689	10.500	-1.04
679	10.345	-1.27
106	7.5000 S	-5.50
--	Method 015.00	--
520	62.500	1.30
345	60.830	1.11
169	60.200	1.05
616	57.350	.75
353	55.685	.56
154	52.000	.20
560	51.300	.14
Avg	50.387	
164	48.000	-.27
011	45.219	-.56
049	40.715	-1.04
021	36.850	-1.44
510	34.000	-1.74
--	Method 016.00	--
619	0.0780	.71
--	Method 017.00	--
353	21.000 s	5.55
560	15.450	1.48
021	15.000	1.35
345	13.515	.11
Avg	13.445	
510	13.125	-.24
045	13.200	-.34
049	13.380	-.86
358	11.920	-1.12
693	11.970	-1.14
--	Method 017.99	--
307	12.550	.71
--	Method 019.00	--
043	1.5800	1.37
679	1.5200	.75
194	1.5150	.70
849	1.4900	.46
Avg	1.4736	
620	1.4338	-.14
622	1.4356	-.20
651	1.4245	-.23
681	1.3900	-.60
716	1.3500 R	-1.13
623	1.3274 R	-1.35
552	1.2900 S	-1.87
621	1.2350 S	-2.21
647	1.1900 S	-2.66
--	Method 019.01	--
646	1.7950 s	4.47
596	1.7000	3.00
609	1.6500	2.27
175	1.6200	1.89
674	1.6050	1.62
--	Method 019.01	--
536	1.5870	1.46
026	1.5750	1.20
001	1.5110	.76
035	1.5450	.75
013	1.5100	.63
108	1.5050	.54
653	1.5160	.38
014	1.5100	.38
675	1.5050	.28
354	1.4950	.22
263	1.5052	.17
036	1.4955	.04
Avg	1.4932	
619	1.4900	-.05
350	1.4900	-.05
563	1.4912	-.09
669	1.4900	-.15
612	1.4900	-.15
670	1.4815	-.19
208	1.4800	-.19
723	1.4750	-.27
205	1.4750	-.27
178	1.4750	-.34
039	1.4669	-.39
650	1.4650	-.46
065	1.4573	-.52
038	1.4550	-.56
504	1.4450	-.70
591	1.4525	-.72
233	1.4800	-.75
169	1.4350	-.85
152	1.4350	-.92
868	1.4400	-.96
505	1.4250	-.99
139	1.4230	-1.02
142	1.4000	-1.35
018	1.4000	-1.36
010	1.4750 R	-1.54
305	1.3700	-1.79
--	Method 019.01	--
307	1.4200 R	-1.80
--	Method 019.03	--
043	1.5800	1.51
026	1.5400	.68
Avg	1.5336	
307	1.5300	-.35
686	1.5200	-.55
036	1.4980	-1.16
--	Method 019.05	--
685	1.8400 s	5.12
029	1.5995	1.98
413	1.5500	1.38
098	1.5500	1.28
425	1.5500	1.28
297	1.5400	1.15
598	1.5390	1.15
004	1.5225	.91
512	1.5195	.88
074	1.5100	.75
171	1.5050	.71
226	1.4950	.64
208	1.5005	.62
049	1.4950	.59
265	1.4950	.55
628	1.4900	.50
100	1.4700	.45
148	1.4805	.36
682	1.4800	.35
407	1.4800	.35
164	1.4550	.07
011	1.4543	.02
Avg	1.4532	
242	1.4450	-.13
229	1.4450	-.13
026	1.4500	-.14
298	1.4400	-.22
661	1.4350	-.25
--	Method 019.05	--
051	1.4400	-.32
083	1.4400	-.32
300	1.4185	-.46
520	1.4500 R	-.66
358	1.4000	-.75
553	1.4150	-.78
019	1.4050	-.79
511	1.3800	-1.04
695	1.3700	-1.10
168	1.4150 R	-1.11
550	1.3605	-1.28
003	1.3550	-1.30
144	1.3450	-1.44
089	1.3400	-1.49
294	1.3150	-1.82
405	1.2500	-2.68
--	Method 019.08	--
729	1.5500	1.46
673	1.5250	1.01
689	1.4800	.35
Avg	1.4600	
628	1.4450	-.24
629	1.4350	-.39
848	1.4300	-.49
590	1.3550	-1.67
--	Method 019.09	--
616	2.8900 s	22.33
017	1.6200	2.14
042	1.6150	2.10
027	1.5600 R	1.52
202	1.5700	1.34
510	1.5450	.95
160	1.5268	.91
869	1.5310	.73
572	1.4950	.58
106	1.5000	.53
045	1.5050	.39

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 019.09	--
190	1.5050	.32
726	1.5035	.29
096	1.5000	.23
357	1.4900	.17
199	1.4900	.17
560	1.4900	.17
567	1.4900	.17
Avg	1.4855	
278	1.4700	-.40
187	1.4600	-.40
366	1.4800	-.48
021	1.4510	-.55
035	1.4500	-.56
848	1.4450	-.65
309	1.4850	-.72
154	1.4259	-.95
028	1.4000	-1.36
353	1.4050	-1.39
693	1.4450 R	-1.50
345	1.3850	-1.60
037	1.3600	-1.99
016	1.2750 s	-3.46
--	Method 019.99	--
121	1.5425	1.07
864	1.5095	.81
692	1.5000	.72
Avg	1.4137	
852	1.4000	-.11
588	1.3475 R	-.88
047	1.2900	-1.03
665	1.2400	-1.45
--	Method 020.00	--
164	1.8500	-.71

Lab	Average*	Index
--	Method 020.01	--
154	3.4000	1.95
096	2.5000	.92
021	2.3000	.06
Avg	2.2625	
567	2.1350	-.22
171	2.0500	-.43
011	1.7828	-.82
560	1.6700	-.98
--	Method 020.99	--
616	2.3000	.87
Avg	1.5400	
675	0.7800	-.86
--	Method 021.01	--
628	3.0000 S	19.47
619	2.8100 S	17.55
716	1.1900	.85
164	1.1500	.64
Avg	1.1133	
689	1.0000	-1.17
--	Method 021.02	--
510	2.0200	1.76
154	1.5000 R	1.07
504	1.4800	.66
171	1.4500	.57
567	1.3900	.44
029	1.3550	.38
021	1.3500	.37
011	1.3125	.28
629	1.2800	.21
169	1.2300	.12
Avg	1.1816	
560	1.0200	-.35
572	0.7890	-.83
693	0.7650 R	-1.00
106	0.6845	-1.04
616	0.0000	-2.48

Lab	Average*	Index
--	Method 021.99	--
425	1.4000	.00
--	Method 022.01	--
674	17.910	2.36
868	15.900	1.36
588	15.500	1.15
689	15.100	.95
350	15.000	.90
563	14.884	.85
653	14.440	.73
038	14.500	.69
505	14.500	.69
619	13.300	.45
014	13.250	.33
628	13.500	.29
Avg	13.206	
208	12.850	-.18
307	12.650	-.29
590	12.400	-.41
646	12.250	-.48
175	13.000	-.51
035	12.000	-.60
504	12.000	-.60
591	11.855	-.68
354	11.790	-.72
178	12.500 R	-.83
716	11.500	-.86
305	10.720	-1.25
596	10.500	-1.38
675	8.8600	-2.18
536	0.2600 s	-6.49
--	Method 022.03	--
164	21.500 s	4.32
425	18.250	2.65
003	17.500	2.28
682	16.900	1.98
598	14.500 R	1.47
098	13.500	.80

Lab	Average*	Index
--	Method 022.03	--
083	14.500	.78
512	13.980	.63
407	13.730	.35
405	13.500	.34
520	13.500	.34
029	13.350	.30
Avg	13.054	
100	13.000	-.03
011	12.705	-.20
171	13.050	-.28
049	12.480	-.29
026	12.500	-.30
242	12.500	-.38
074	12.500	-.38
226	12.500	-.38
004	13.000	-.51
229	12.000	-.54
297	12.000	-.54
629	11.900	-.59
208	11.750	-.67
358	11.720	-.69
148	11.700	-.69
265	11.000	-1.05
550	10.996	-1.20
511	9.5000	-1.83
--	Method 022.05	--
202	15.500 s	3.15
037	14.200 R	2.22
278	13.950 R	1.80
042	14.050	1.61
106	13.900	1.51
616	13.900	1.47
160	13.600	1.30
187	13.595	1.14
294	13.470	1.01
413	13.150	.77
869	13.050	.74
096	13.000	.53

Lab	Average*	Index
--	Method 022.05	--
567	13.000	.53
027	12.917	.44
309	12.700	.22
560	12.650	.17
Avg	12.489	
190	12.335	-.16
154	12.350	-.21
045	12.400	-.23
726	12.245	-.25
366	12.000	-.50
035	12.000	-.50
199	12.000	-.50
357	12.000	-.50
572	12.100	-.51
693	12.200	-.55
021	11.800	-.71
169	11.150	-1.39
510	11.000	-1.54
353	10.625	-1.92
345	10.515	-2.04
--	Method 022.99	--
596	16.700	1.84
Avg	12.553	
866	12.020	-.30
692	11.850	-.32
121	11.473	-.48
846	10.720	-.82
--	Method 023.01	--
619	0.0020	.00
--	Method 024.01	--
208	1.4150	.71
--	Method 025.01	--
035	337.50	1.59
013	330.00	1.27
038	320.50	.82

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AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 025.01	--
350	315.50	.59
868	315.05	.57
208	312.50	.44
646	311.20	.38
596	310.00	.33
563	307.49	.29
591	306.20	.29
675	306.28	.16
628	305.00	.14
Avg	302.82	
689	298.00	-.34
175	298.00	-.51
619	286.50	-.75
307	273.50	-1.37
505	268.00	-1.60
504	257.00 R	-2.19
670	249.50	-2.44
305	201.90 S	-4.61
674	140.98 s	-7.40
--	Method 025.03	--
405	435.00 s	6.57
682	344.24 R	2.30
029	325.55	1.32
425	326.55	1.32
208	323.50	1.17
629	319.50	.99
100	318.00	.94
512	316.40	.86
011	315.85	.83
520	314.00	.77
164	312.50	.64
004	311.00	.57
553	305.50	.55
297	310.50	.55
074	308.00	.54
265	304.00	.53
098	309.50	.50
083	305.00	.29

Lab	Average*	Index
--	Method 025.03	--
229	303.50	.22
226	300.00	.20
148	302.25	.16
049	301.76	.12
Avg	299.28	
171	298.50	-.13
242	295.00	-.21
550	295.57	-.56
144	279.80	-.94
407	279.50	-.96
598	278.50	-1.01
300	273.40	-1.27
026	272.00	-1.35
358	265.91	-1.62
003	258.50	-2.01
695	248.14	-2.48
--	Method 025.05	--
037	363.50 s	3.36
042	347.00	2.35
187	342.31	2.09
366	334.50	1.69
045	323.50	1.14
021	312.00	.78
160	306.00	.32
567	306.50	.29
413	305.50	.29
510	304.00	.25
Avg	300.94	
096	300.00	-.05
726	299.50	-.08
869	300.00	-.21
199	297.00	-.22
294	294.26	-.34
616	294.00	-.36
560	294.00	-.40
309	290.00	-.55
154	292.50	-.60
345	288.45	-.63

Lab	Average*	Index
--	Method 025.05	--
353	287.30	-.69
693	294.50 R	-.84
511	278.50	-1.13
190	278.30	-1.14
169	278.00	-1.17
106	269.50	-1.58
278	155.00 s	-7.34
--	Method 025.99	--
027	334.82	1.36
051	322.50	.52
121	320.56	.35
Avg	312.73	
692	306.00	-.30
354	279.75	-1.48
--	Method 026.00	--
154	0.3020	.71
--	Method 026.99	--
619	0.0000	.00
--	Method 027.01	--
650	0.1652	2.07
014	0.1610	1.49
305	0.1600	1.09
628	0.1600	1.09
035	0.1600	1.09
505	0.1550 R	.96
609	0.1550 R	.96
169	0.1550 R	.96
350	0.1550 R	.96
038	0.1570	.55
504	0.1565	.51
208	0.1555	.25
263	0.1553	.20
619	0.1550	.13
Avg	0.1543	
868	0.1540	-.20

Lab	Average*	Index
--	Method 027.01	--
563	0.1517	-.49
139	0.1509	-.68
175	0.1500	-.82
596	0.1500	-.82
142	0.1500	-.82
307	0.1500	-.82
591	0.1500	-.84
065	0.1499	-.90
588	0.1440	-1.96
675	0.1450 R	-2.01
--	Method 027.03	--
405	0.1900 s	5.45
003	0.1700	2.12
695	0.1650 R	1.56
407	0.1650	1.35
029	0.1613 R	1.11
011	0.1610	.81
004	0.1610	.73
598	0.1606	.66
049	0.1600	.57
098	0.1600	.57
413	0.1600	.57
425	0.1600	.57
520	0.1600	.57
208	0.1600	.57
682	0.1600	.57
297	0.1600	.57
171	0.1590	.44
Avg	0.1563	
164	0.1555	-.15
300	0.1550	-.20
148	0.1545	-.29
026	0.1531	-.50
550	0.1535	-.70
100	0.1550 R	-.80
226	0.1550 R	-.80
144	0.1500	-.98
083	0.1500	-.98

Lab	Average*	Index
--	Method 027.03	--
229	0.1500	-.98
265	0.1500	-.98
553	0.1490	-1.23
629	0.1470	-1.45
242	0.1450 R	-1.92
358	0.1450 R	-1.92
294	0.1400	-2.53
--	Method 027.05	--
616	0.3140 s	20.33
278	0.1750 S	2.95
202	0.1700	2.25
042	0.1630	1.38
309	0.1600	1.00
199	0.1600	1.00
560	0.1580	.79
366	0.1550	.73
096	0.1550	.73
357	0.1550	.73
693	0.1550	.73
160	0.1539	.39
021	0.1525	.32
345	0.1525	.09
Avg	0.1527	
045	0.1505	-.20
106	0.1505	-.20
567	0.1500	-.26
510	0.1500	-.26
869	0.1500	-.36
187	0.1452	-.86
353	0.1450	-1.08
035	0.1450	-1.08
154	0.1418	-1.29
572	0.1420	-1.36
037	0.1370 S	-1.89

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AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 027.99 --	
864	0.1985 S	5.64
692	0.1650	.94
Avg	0.1608	
588	0.1565	-.79
--	Method 028.01 --	
675	53.380	1.98
035	47.000	.85
038	46.500	.77
013	46.200	.71
588	46.000	.67
208	45.500	.59
563	45.495	.59
619	44.650	.44
868	44.050	.33
Avg	42.869	
505	42.000	-.03
350	41.000	-.21
689	40.550 R	-.38
590	39.300	-.54
307	38.800	-.59
178	38.000	-.75
674	34.780	-1.30
504	33.250	-1.57
175	31.000 S	-1.97
305	26.900 S	-2.69
--	Method 028.03 --	
164	71.500 s	12.31
405	54.000 s	4.60
550	48.103	1.94
208	47.500	1.64
100	47.000	1.47
297	46.500	1.20
003	46.000	.96
004	46.000	.96
171	45.500	.77
226	45.000	.68
029	44.310	.60
--	Method 028.03 --	
011	45.048	.58
520	44.000	.07
Avg	43.852	
425	43.800	-.02
098	43.500	-.27
083	43.500	-.27
229	43.500	-.27
074	43.000	-.38
242	43.000	-.38
265	43.000	-.38
049	43.205	-.39
148	42.800	-.47
144	42.400	-.66
300	41.590	-1.01
407	41.490	-1.05
553	42.750 R	-1.11
026	40.500	-1.51
598	40.000	-1.71
358	39.905	-1.76
511	35.500 A	-3.72
695	32.705 s	-4.96
682	40.850 s	-5.07
--	Method 028.05 --	
616	89.500 s	18.94
035	50.000	2.26
042	48.050	1.52
027	47.275	1.18
106	47.000	1.16
202	47.000	1.00
628	47.000	1.00
160	46.700	.94
096	46.000	.72
366	45.500	.42
510	45.500	.42
187	45.165	.34
345	45.270	.27
037	44.850	.25
726	45.175	.23
--	Method 028.05 --	
560	45.100	.20
Avg	44.630	
045	44.600	-.17
572	44.150	-.20
357	44.500	-.22
190	43.590	-.44
021	44.400	-.47
869	43.850	-.49
567	43.500	-.52
309	43.400	-.60
294	42.840	-.76
278	42.500	-1.10
413	41.950	-1.13
154	43.500 R	-1.16
353	41.985	-1.25
693	41.555	-1.53
629	40.350	-1.81
169	40.150	-1.90
--	Method 028.99 --	
692	45.750	.86
121	45.415	.69
536	45.375	.67
Avg	43.211	
653	41.445	-.58
846	38.070	-1.58
--	Method 031.01 --	
629	1.1000	2.15
679	1.1000	2.15
647	1.0850	1.74
194	1.0850	1.69
018	1.0800	1.55
035	1.0750	1.37
152	1.0750	1.37
665	1.0650	1.06
669	1.0550	.75
674	1.0550	.75
350	1.0550	.75
--	Method 031.01 --	
868	1.0500	.65
026	1.0450	.44
716	1.0400	.41
619	1.0400	.41
139	1.0440	.40
205	1.0385	.32
233	1.0400	.26
588	1.0390	.23
169	1.0350	.19
178	1.0350	.19
036	1.0370	.16
039	1.0364	.16
Avg	1.0319	
675	1.0300	-.06
849	1.0300	-.06
651	1.0315	-.08
263	1.0277	-.13
563	1.0303	-.17
175	1.0250	-.27
354	1.0250	-.27
723	1.0250	-.27
620	1.0225	-.30
670	1.0200	-.38
001	1.0165	-.51
626	1.0250	-.52
848	1.0150	-.56
650	1.0150	-.56
622	1.0143	-.56
689	1.0150	-.71
511	1.0100	-.76
108	1.0100	-.76
623	1.0084	-.79
038	1.0070	-.89
016	1.0140 R	-1.00
142	1.0000	-1.01
596	1.0000	-1.01
653	0.9930	-1.23
728	1.0050 R	-1.39
305	0.9850	-1.49
--	Method 031.01 --	
065	0.9832	-1.55
609	0.9700	-1.98
646	0.9500	-2.61
621	0.8900 s	-4.49
--	Method 031.02 --	
505	1.0500	1.58
013	1.0550	.74
Avg	1.0470	
011	1.0430	-.38
043	1.0400	-.55
--	Method 031.03 --	
036	1.0510	.99
026	1.0450	.71
504	1.0400	.38
307	1.0350	.30
Avg	1.0330	
043	1.0250	-.93
208	1.0020	-1.70
--	Method 031.05 --	
405	1.2950 s	6.18
202	1.1600 S	3.11
560	1.1000	1.72
096	1.1000	1.70
598	1.0955	1.61
029	1.0920	1.59
027	1.0825	1.43
345	1.0850	1.36
425	1.0800	1.24
300	1.0785	1.21
106	1.0650 R	1.20
685	1.0750	1.18
208	1.0725	1.07
413	1.0700	1.04
512	1.0685	1.02
407	1.0700	1.01
160	1.0630	1.00

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 031.05 --		--	Method 031.05 --		--	Method 032.01 --		--	Method 032.05 --		--	Method 032.05 --	
042	1.0650	.90	265	0.9950	-.72	175	0.7900 S	3.50	560	0.7185	1.35	100	0.6400	-.82
098	1.0600	.78	553	0.9970	-.73	596	0.7150	1.58	242	0.7150	1.19	345	0.6370	-.86
100	1.0400	.76	051	0.9950	-.79	675	0.7050	1.27	202	0.7100	1.06	154	0.6326	-.97
028	1.0550	.75	693	0.9900	-.95	563	0.7029	1.21	695	0.7100	1.06	049	0.6350	-.99
682	1.0550	.68	144	0.9850	-.95	305	0.7000	1.17	021	0.7060	.95	598	0.6447 R	-1.14
164	1.0550	.68	017	0.9800	-1.15	208	0.6955	1.02	297	0.7050	.93	553	0.6230	-1.24
726	1.0520	.60	278	0.9750	-1.18	205	0.6895	.87	425	0.7000	.79	208	0.6225	-1.29
171	1.0500	.60	695	0.9750	-1.18	628	0.6750	.50	029	0.6897	.78	037	0.6130	-1.49
567	1.0400	.56	572	0.9795	-1.28	038	0.6670	.31	096	0.6950	.68	616	0.6045	-1.73
049	1.0500	.55	168	1.0050 R	-1.35	609	0.6650	.25	567	0.6750	.67	265	0.5850	-2.25
121	1.0480	.51	019	0.9700	-1.37	Avg	0.6567		520	0.6900	.59	003	0.5800	-2.41
021	1.0290	.46	035	0.9650	-1.41	098	0.6550	-.14	413	0.6850	.56	550	0.5560 s	-3.12
628	1.0400	.32	616	0.9465	-1.86	619	0.6555	-.28	199	0.6850	.42			
510	1.0300	.25	089	0.9400	-1.98	142	0.6500	-.31	278	0.6850	.42	--	Method 032.99 --	
187	1.0300	.25	154	0.9318	-2.17	035	0.6450	-.33	693	0.6750	.42	692	0.7000	.85
366	1.0300	.25	294	0.9100	-2.66	065	0.6432	-.35	171	0.6825	.36	Avg	0.6623	
848	1.0350	.24	550	0.9150 S	-2.67	004	0.6440	-.36	160	0.6796	.28	864	0.6245	-.88
869	1.0350	.24	037	0.8620 s	-3.77	307	0.6550	-.40	229	0.6750	.19			
045	1.0300	.09				350	0.6400	-.44	309	0.6750	.19	--	Method 033.00 --	
004	1.0290	.07	--	Method 031.06 --		505	0.6450 R	-.72	294	0.6750	.19	297	1.0050 s	3.76
Avg	1.0260		536	1.0030	.71	139	0.6125	-1.16	042	0.6765	.18	539	0.9150	2.55
148	1.0255	-.06	Avg	1.0030		868	0.6050	-1.38	026	0.6730	.12	695	0.8150	1.20
190	1.0250	-.12	686	0.7850 S	-26.81	670	0.5850	-1.88	148	0.6735	.11	298	0.7800	.75
083	1.0250	-.12				650	0.5850	-1.92	629	0.6700	.01	208	0.7620	.49
229	1.0200	-.14	--	Method 031.99 --					Avg	0.6697		045	0.7540	.38
074	1.0200	-.27	729	1.1200	1.50	--	Method 032.02 --		164	0.6650	-.18	353	0.7450	.33
226	1.0250	-.35	852	1.0900	.99	536	0.6795	1.24	300	0.6621	-.20	567	0.7500	.33
297	1.0150	-.43	588	1.0905	.99	169	0.6650	.46	187	0.6579	-.31	160	0.7440	.26
003	1.0150	-.43	673	1.0500	.28	Avg	0.6574		572	0.6585	-.33	Avg	0.7254	
309	1.0150	-.43	552	1.0450	.21	590	0.6400	-.88	869	0.6590	-.40	693	0.7200	-.07
629	1.0100	-.43	Avg	1.0341		108	0.6450	-.99	353	0.6650	-.41	309	0.7198	-.10
661	1.0050	-.50	590	1.0300	-.07				045	0.6535	-.43	504	0.7150	-.15
358	1.0050	-.59	047	1.0250	-.63	--	Method 032.05 --		011	0.6506	-.51	366	0.7200 R	-.28
242	1.0000	-.60	692	0.9700	-1.17	405	1.1400 s	12.33	357	0.6500	-.52	849	0.6950	-.41
520	1.0000	-.60	864	0.9650	-1.21	366	0.7900 S	3.16	510	0.6500	-.58	868	0.6720	-.72
353	1.0150	-.63	628	0.9550	-1.40	226	0.7550	2.27	682	0.6600	-.58	675	0.6650	-.84
298	1.0000	-.64				106	0.7425	1.92	035	0.6450	-.66	407	0.6600	-.88
199	1.0000	-.64				083	0.7400	1.86	144	0.6450	-.76	628	0.6400	-1.15
357	0.9950	-.72				407	0.7240	1.42	358	0.6450	-.76	588	0.5800	-1.95

* 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
--	Method 033.00	--
723	0.4800 s	-3.30
679	0.4100 s	-4.23
--	Method 033.01	--
686	0.8400	1.96
098	0.8400	1.93
610	0.8200	1.34
096	0.7850 R	1.12
242	0.8100	.98
021	0.8000	.92
510	0.7950	.70
413	0.8000	.67
100	0.7900	.47
202	0.7900	.35
175	0.7800	.32
164	0.7850	.25
004	0.7850	.25
178	0.7850	.25
Avg	0.7790	
205	0.7770	-.06
042	0.7750	-.20
194	0.7750	-.20
559	0.7700	-.28
199	0.7700	-.43
354	0.7650	-.47
278	0.7600	-.60
590	0.7600	-.68
226	0.7600	-.68
650	0.7700	-.69
029	0.7550	-.78
425	0.7500	-.97
229	0.7350	-1.40
106	0.6900	-2.82
307	0.5750 s	-6.46
--	Method 033.03	--
598	0.8500	1.36
505	0.7700	.51
144	0.7550	.43
--	Method 033.03	--
265	0.7500	.28
Avg	0.7242	
190	0.6200	-1.15
726	0.6000	-1.34
--	Method 033.05	--
171	0.7750	.71
--	Method 033.99	--
706	1.1000 S	1.91
003	1.0050	1.33
869	0.8600	.46
358	0.8350	.32
Avg	0.7501	
673	0.7650	-.15
552	0.7700	-.32
855	0.6450	-.87
681	0.6350	-.91
619	0.6255	-.97
861	0.6100	-1.07
--	Method 034.01	--
038	0.5145	.71
--	Method 034.04	--
164	0.5650	1.16
208	0.5425	.56
Avg	0.5223	
619	0.5065	-.47
169	0.4750	-1.28
175	0.5100 R	-1.38
--	Method 034.05	--
682	4.3250 S	76.25
693	2.1950 S	32.49
560	0.5825	.87
Avg	0.5388	
567	0.4950	-.86
--	Method 034.99	--
098	0.5000	1.22
096	0.5000	.00
Avg	0.5000	
--	Method 035.00	--
263	0.6063 s	11.17
175	0.4700 s	5.14
596	0.4000	2.06
675	0.3950	1.80
868	0.3880	1.52
038	0.3815	1.22
628	0.3750	.93
152	0.3600	.24
350	0.3600	.24
307	0.3550	.22
208	0.3585	.17
Avg	0.3547	
619	0.3545	-.07
233	0.3500	-.21
670	0.3535	-.25
205	0.3475	-.32
065	0.3430	-.53
035	0.3400	-.65
139	0.3365	-.81
609	0.3350	-.90
650	0.3350	-.90
142	0.3350	-.90
305	0.3250	-1.33
591	0.3200	-1.54
--	Method 035.01	--
563	0.3816	.82
Avg	0.3608	
686	0.3400	-.91
--	Method 035.03	--
407	0.4895 s	6.35
004	0.4370 s	3.96
187	0.4013	2.31
--	Method 035.03	--
003	0.3950	2.04
242	0.3900	1.80
425	0.3900	1.80
202	0.3850	1.58
598	0.3764 R	1.47
413	0.3750 R	1.30
405	0.3755	1.14
049	0.3700	.99
164	0.3665	.72
098	0.3650	.69
096	0.3650	.69
226	0.3650	.69
265	0.3600	.62
309	0.3600	.42
229	0.3600	.42
083	0.3600	.42
199	0.3600	.42
278	0.3600	.42
297	0.3600	.42
029	0.3563	.40
042	0.3580	.34
160	0.3557	.26
148	0.3545	.17
011	0.3539	.15
Avg	0.3508	
693	0.3500	-.04
300	0.3475	-.22
100	0.3450	-.35
045	0.3420	-.40
021	0.3415	-.42
298	0.3500	-.46
553	0.3410	-.48
682	0.3400	-.49
154	0.3402	-.53
869	0.3375	-.62
567	0.3450 R	-.74
345	0.3350	-.76
144	0.3350	-.76
510	0.3320	-.86
--	Method 035.03	--
572	0.3335	-.88
661	0.3300	-.95
695	0.3300	-.95
358	0.3250	-1.20
353	0.3250	-1.20
616	0.3225	-1.30
520	0.3300 R	-1.32
089	0.3200	-1.41
550	0.3160	-1.61
035	0.3150	-1.65
366	0.3150	-1.65
208	0.2365 s	-5.23
--	Method 035.05	--
106	0.4535	1.75
108	0.4050 R	.95
560	0.3885	.55
590	0.3820	.39
171	0.3625	.05
588	0.3620	.02
Avg	0.3619	
169	0.3600	-.04
294	0.3200	-.80
536	0.2665	-1.83
--	Method 035.99	--
864	0.4410	.88
Avg	0.4080	
692	0.3750	-.85
--	Method 036.00	--
307	0.5500	.93
Avg	0.5000	
297	0.4500	-.80
--	Method 036.03	--
171	0.8940 s	10.40
708	0.4900	1.36
154	0.4891	1.34

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 036.03 --	
202	0.4850	1.25
560	0.4825	1.20
169	0.4550	.59
106	0.4525	.52
693	0.4350 R	.36
021	0.4435	.33
345	0.4435	.32
510	0.4400	.24
160	0.4368	.20
045	0.4345	.15
Avg	0.4293	
278	0.4250	-.15
353	0.4200	-.21
357	0.4150	-.34
187	0.4105	-.42
366	0.4100	-.43
294	0.4000	-.66
616	0.3835	-1.03
042	0.3645	-1.45
265	0.3050	-2.78
550	0.1495 s	-6.26
--	Method 036.04 --	
226	0.4400	.00
--	Method 037.01 --	
505	220.00 s	30.35
536	140.85 s	11.78
628	122.00 s	7.36
596	103.00	2.91
013	95.200 R	1.49
038	94.000	.79
350	94.000	.79
035	94.000	.79
014	93.000	.73
868	93.300	.63
018	93.000	.56
354	91.115	.17
563	91.080	.16

Lab	Average*	Index
--	Method 037.01 --	
Avg	90.609	
208	90.000	-.14
619	89.750	-.20
178	89.500	-.28
653	90.210	-.29
504	87.800	-.67
591	87.655	-.74
675	88.360	-.77
175	87.500	-.81
307	86.200 R	-1.27
716	85.150	-1.32
689	84.950	-1.34
305	84.815	-1.37
674	72.070 A	-4.34
--	Method 037.03 --	
405	117.50 s	5.23
004	112.50 s	4.30
297	101.00	2.18
171	97.000 X	1.49
011	96.123	1.28
098	95.500	1.25
003	94.000	1.05
029	91.305	.80
074	93.000	.79
520	93.000	.70
512	92.445	.61
100	92.000	.55
083	91.500	.51
550	91.605	.50
407	90.510	.27
190	89.515	.06
Avg	89.173	
148	88.400	-.14
049	87.965	-.23
229	87.500	-.32
164	87.500	-.32
553	87.450	-.35
226	87.500	-.41

Lab	Average*	Index
--	Method 037.03 --	
026	86.600	-.50
208	86.500	-.50
144	86.350	-.58
598	85.000	-.77
425	84.000	-.95
300	83.355	-1.07
629	82.450	-1.24
358	81.945	-1.33
265	83.000 R	-1.46
682	83.260 R	-1.87
511	75.000	-2.61
168	79.500 s	-3.06
695	67.905 S	-3.91
242	0.9250 s	-16.24
--	Method 037.05 --	
616	205.00 s	25.95
042	108.50 s	4.17
413	102.50	2.74
202	96.500	1.39
035	95.000	1.07
353	93.010	.72
037	91.700	.70
106	93.100	.63
366	92.000	.58
726	92.660	.53
096	92.500	.49
869	92.200	.42
560	91.800	.42
187	91.890	.39
357	91.000	.14
Avg	90.379	
567	89.500	-.23
160	90.350	-.31
510	89.000	-.31
021	90.150	-.33
572	88.850	-.54
154	88.000	-.58
345	87.735	-.60

Lab	Average*	Index
--	Method 037.05 --	
278	87.650	-.62
309	87.650	-.65
045	89.400 R	-.86
199	85.500	-1.11
169	85.000	-1.26
693	84.500	-1.33
294	80.115	-2.32
--	Method 037.99 --	
051	178.50 s	10.39
866	102.22	1.29
121	94.991	.46
Avg	90.993	
692	85.400	-.64
846	81.360	-1.10
--	Method 038.00 --	
011	2.3000	1.84
510	2.3000	1.01
029	2.1500	.67
693	2.1800	.67
Avg	2.1338	
154	2.1000	-.20
021	2.0500	-.59
560	1.9900	-.89
106	2.0000	-1.01
278	1.2250 s	-5.53
--	Method 038.99 --	
164	2.4500	-.71
--	Method 039.01 --	
164	1.4000	.00
--	Method 039.02 --	
021	2.6500	1.12
154	2.5000	.75
Avg	2.1209	
560	1.7750	-.73

Lab	Average*	Index
--	Method 039.02 --	
011	1.5588	-1.08
--	Method 040.00 --	
560	4.0650	.71
--	Method 082.01 --	
019	0.0049	-.71
--	Method 101.01 --	
208	1110.0	.71
--	Method 101.02 --	
858	74.500	.71
--	Method 102.01 --	
208	40.335	.71
--	Method 104.00 --	
171	6.1000	1.21
Avg	5.7933	
227	5.7200	-.55
208	5.5600	-.85
--	Method 104.03 --	
858	3.4950	-.71
--	Method 105.00 --	
858	5.5100	.61
Avg	5.3500	
160	5.1900	-1.06
--	Method 105.01 --	
208	9.9200	.87
Avg	8.6250	
227	7.3300	-.86

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 106.01	--
858	5.3050	.71
--	Method 106.02	--
004	43.400 s	29.51
208	9.4050	2.71
616	7.3500	1.08
675	6.9800	.80
003	6.5600	.55
160	6.1400	.15
560	6.0750	.11
619	6.1000	.10
Avg	5.9746	
563	5.8546	-.09
199	5.7750	-.16
610	5.4650	-.40
676	5.2500	-.58
096	4.9900	-.78
227	4.6800	-1.02
021	4.5400	-1.16
670	4.4550	-1.21
--	Method 107.00	--
208	24.743	.88
Avg	23.824	
227	22.905	-.85
--	Method 108.01	--
227	0.6850	.87
Avg	0.5525	
096	0.4200	-.86
--	Method 108.02	--
675	6.1150	.87
Avg	3.3515	
208	0.5880	-.87
--	Method 109.02	--
619	68.200	1.22
858	66.750	1.09
676	59.950 R	.44
610	59.200	.34
563	56.860	.11
Avg	55.711	
560	54.550	-.12
675	45.215	-1.03
199	39.200	-1.62
--	Method 109.99	--
096	63.000	.71
--	Method 112.00	--
227	2935.0	.87
Avg	1470.5	
208	5.9400	-.86
--	Method 114.01	--
227	0.2885	.71
--	Method 120.00	--
227	2.1250	1.58
350	2.1115	1.40
571	2.0500	.60
619	2.0350	.43
675	2.0200	.23
Avg	2.0063	
652	1.9950	-.16
160	1.9814	-.33
644	1.9815	-.34
859	1.9815	-.36
676	1.9285	-1.13
684	1.9205 R	-1.27
868	1.8600	-1.95
171	1.5000 s	-6.73
--	Method 120.05	--
626	2.1350	.87
Avg	2.0425	
038	1.9500	-.86
--	Method 121.00	--
171	1.9450 X	2.56
227	1.7100	.71
644	1.6610	.34
859	1.6540	.27
571	1.6500	.24
619	1.6350	.17
350	1.6235	.03
Avg	1.6201	
652	1.6000	-.18
160	1.6179	-.18
675	1.5850	-.30
684	1.5010	-.94
868	1.4450	-1.40
676	1.4340	-1.47
--	Method 121.05	--
038	1.8100	1.03
Avg	1.7675	
626	1.7250	-.67
--	Method 122.00	--
227	2.4300	1.53
652	2.3300	.72
350	2.3465	.68
571	2.3450	.66
644	2.3440	.65
859	2.3210	.43
675	2.3150	.38
619	2.3100	.36
Avg	2.2808	
171	2.2100 X	-.72
684	2.1575	-1.26
676	2.1300	-1.54
868	2.1300	-1.55
--	Method 122.00	--
160	2.0208 R	-2.77
--	Method 122.05	--
626	2.5150	.86
Avg	2.3450	
038	2.1750	-.87
--	Method 124.00	--
684	0.6935	1.98
171	0.6050 X	1.14
160	0.5673 R	.83
675	0.5250	.38
Avg	0.4851	
619	0.4810	-.05
571	0.4755	-.09
350	0.4590	-.25
652	0.4500	-.33
859	0.4435	-.40
644	0.4300	-.52
868	0.2885	-1.87
--	Method 124.02	--
676	0.4955	.87
Avg	0.4778	
227	0.4600	-.86
--	Method 124.05	--
038	0.6910	-.71
--	Method 125.00	--
171	6.3100 s	5.14
227	5.5500	1.48
868	5.4550 R	1.20
675	5.4000	.75
350	5.3930	.71
644	5.3705	.60
676	5.3250	.53
619	5.2800	.29
571	5.2850	.23
--	Method 125.00	--
Avg	5.2454	
859	5.2040	-.25
684	5.1100	-.65
652	4.9150	-1.60
160	4.8664	-1.84
--	Method 125.05	--
626	5.6650	.83
Avg	5.4325	
038	5.2000	-.90
--	Method 126.00	--
160	1.7426 R	3.00
676	1.7970	.96
571	1.7950	.87
350	1.7900	.81
227	1.7850	.75
619	1.7750	.65
859	1.7620	.50
675	1.7400	.21
Avg	1.7224	
644	1.7150	-.18
652	1.6950	-.33
684	1.6600	-.77
868	1.6400	-.99
171	1.5150 X	-2.48
--	Method 126.05	--
626	1.8550	.85
Avg	1.8225	
038	1.7900	-.88
--	Method 127.00	--
675	0.7400	1.77
571	0.7345	1.60
652	0.7150	.99
160	0.6906	.20
Avg	0.6844	
644	0.6825	-.06

* 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
--	Method 127.00	--
227	0.6800	-.14
350	0.6795	-.16
619	0.6815	-.20
676	0.6670	-.56
171	0.6500 X	-1.14
684	0.6470	-1.22
859	0.6455	-1.27
--	Method 127.05	--
626	0.7100	.50
Avg	0.6975	
038	0.6850	-1.12
--	Method 128.00	--
859	1.1725	.89
644	1.1630	.81
227	1.1550	.76
571	1.1500	.73
684	1.1270 R	.71
619	1.1450	.67
350	1.1290	.55
652	1.1150	.44
Avg	1.0591	
868	1.0350	-.19
160	0.9848	-.63
675	0.9700	-.70
676	0.9555	-.81
171	0.7350 X	-2.54
--	Method 128.05	--
626	1.2350	.82
Avg	1.1190	
038	1.0030	-.91
--	Method 129.00	--
676	3.3070 R	2.25
227	3.2500	1.59
644	3.1275	.85
571	3.1000	.70
--	Method 129.00	--
350	3.0920	.67
859	3.0565	.41
619	3.0450	.35
Avg	2.9896	
675	2.9800	-.08
652	2.9400	-.30
684	2.9740	-.35
868	2.8000	-1.24
160	2.8350	-1.26
171	2.6750 X	-1.92
--	Method 129.05	--
626	3.2350	.84
Avg	3.1275	
038	3.0200	-.89
--	Method 130.00	--
171	1.5250 s	5.07
160	1.2637	1.05
350	1.2640	.99
227	1.2400	.69
571	1.2400	.63
619	1.2400	.63
644	1.2375	.62
859	1.2230	.35
Avg	1.2008	
652	1.1850	-.26
675	1.1750	-.41
868	1.1750	-.47
684	1.1080	-1.47
676	1.0580	-2.24
--	Method 130.05	--
626	1.2450	.87
Avg	1.1725	
038	1.1000	-.86
--	Method 130.99	--
859	0.0110 S	.00
--	Method 131.00	--
684	1.0175	2.27
644	0.8690	.77
619	0.8395	.48
571	0.8170	.25
859	0.8090	.18
Avg	0.7927	
675	0.7850	-.09
652	0.7900	-.10
350	0.7690	-.25
160	0.6794	-1.16
676	0.6760	-1.18
868	0.6685	-1.26
--	Method 131.01	--
171	0.9800 X	.71
--	Method 131.02	--
676	0.9110	.86
Avg	0.8830	
227	0.8550	-.87
--	Method 131.05	--
038	0.8705	.60
Avg	0.8628	
626	0.8550	-1.07
--	Method 131.99	--
859	0.2775 S	.00
--	Method 132.00	--
619	1.5300	1.08
350	1.5250	1.02
859	1.5100	.88
644	1.4865	.65
571	1.4750	.53
160	1.4465 R	.49
--	Method 132.00	--
227	1.4600	.43
652	1.4550	.34
Avg	1.4209	
675	1.4150	-.08
684	1.3730	-.48
868	1.3350	-.86
676	1.2865	-1.32
171	1.2000 X	-2.18
--	Method 132.05	--
626	1.5550	.11
Avg	1.5500	
038	1.5450	-1.22
--	Method 133.00	--
350	2.3945	1.73
676	2.3400	1.23
227	2.3250	1.05
644	2.2865	.67
160	2.2391	.19
Avg	2.2203	
571	2.2150	-.07
675	2.2050	-.16
868	2.1650	-.55
619	2.1800	-.57
171	2.1250 X	-1.01
684	2.0990	-1.21
652	2.0700	-1.50
--	Method 133.05	--
626	2.4050	.87
Avg	2.3125	
038	2.2200	-.87
--	Method 134.00	--
675	1.4900	1.22
227	1.4700	1.00
619	1.4600	.89
571	1.4350	.64
--	Method 134.00	--
859	1.4315	.59
160	1.3933 R	.56
350	1.3995	.24
Avg	1.3780	
652	1.3750	-.17
644	1.3500	-.30
684	1.2925	-.93
868	1.2300	-1.62
171	1.2250 X	-1.68
676	0.6735 s	-9.47
--	Method 134.05	--
038	1.5450	.87
Avg	1.5250	
626	1.5050	-.87
--	Method 135.00	--
227	1.1250	1.45
619	1.0800	.60
644	1.0770	.51
350	1.0770	.51
571	1.0750	.48
859	1.0720	.42
652	1.0600	.17
675	1.0550	.12
Avg	1.0511	
684	1.0210	-.60
160	1.0495 R	-1.12
868	0.9795	-1.42
676	0.9405	-2.17
171	0.8550 S	-3.84
--	Method 135.05	--
038	1.1350	1.13
Avg	1.1200	
626	1.1050	-.47

* 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
--	Method 136.00	--
684	0.2870	.71
--	Method 136.01	--
619	0.3035	1.43
644	0.2825	.40
571	0.2760	.07
Avg	0.2746	
227	0.2650	-.53
160	0.2625 R	-1.38
868	0.2460	-1.42
--	Method 136.03	--
859	0.2785	.71
--	Method 136.99	--
038	0.1995	-.71
--	Method 137.00	--
160	1.0860	1.39
644	1.0485	.68
675	1.0500	.67
684	1.0290	.44
Avg	1.0145	
676	0.9915	-.47
227	0.9600	-1.03
868	0.9365	-1.48
171	0.7900 s	-4.24
--	Method 137.05	--
626	0.9200	.71
--	Method 138.00	--
227	1.3950	.88
160	1.2969 R	.86
350	1.3890	.81
644	1.3860	.78
571	1.3850	.78
619	1.3800	.74
859	1.3615	.59
--	Method 138.00	--
675	1.3100	.18
652	1.2950	.13
Avg	1.2897	
684	1.2840	-.05
171	1.1350 X	-1.26
676	1.1305	-1.30
868	1.0250	-2.15
--	Method 138.05	--
626	1.4550	.75
Avg	1.3575	
038	1.2600	-.96
--	Method 139.00	--
208	0.1400	1.28
160	0.1347 R	.98
Avg	0.1185	
171	0.1100 X	-.51
676	0.1055	-.78
--	Method 139.02	--
676	0.1355	-.71
--	Method 139.05	--
038	0.1405	1.09
Avg	0.1338	
027	0.1270	-.55
--	Method 139.99	--
858	0.1150	.71

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

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

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	12	-0.5331	1.68	0.14	010.11	9	0.1319	1.04	0.17
001.03	6	-0.9542	2.51	0.29	010.99	19	-0.3067	1.46	0.12
001.07	44	-0.7024	4.82	0.97	011.01	84	-0.3023	1.89	0.44
001.99	17	-0.3146	1.61	0.24	012.00	8	-0.0883	0.99	0.24
002.00	8	0.0000	0.78	0.63	012.01	3	0.0000	1.10	0.18
002.01	10	0.0000	0.96	0.34	012.03	2	0.0000	1.13	0.34
002.02	8	-0.4214	1.48	0.42	012.04	5	0.0000	1.06	0.05
002.04	6	-1.5440	3.90	0.26	013.02	51	-0.2479	1.44	0.25
002.05	17	0.3662	2.68	0.35	013.10	19	-0.4492	1.67	0.39
002.06	136	0.2689	3.10	2.81	013.11	3	-0.7026	1.37	0.49
002.08	6	0.0000	1.01	0.25	013.13	4	0.0000	0.91	0.51
002.10	12	-0.3011	1.32	0.64	013.99	6	-0.9156	2.43	0.16
002.11	11	0.0000	1.02	0.13	015.00	12	0.0000	1.02	0.10
002.99	4	2.2249	4.50	0.54	017.00	9	0.6150	2.04	0.43
003.00	22	1.7750	4.59	0.62	019.00	13	-0.5016	1.20	0.35
003.06	24	0.6002	2.17	0.28	019.01	44	0.0693	1.16	0.44
003.09	19	2.5345	7.64	0.42	019.03	5	0.0000	0.98	0.36
003.10	27	1.3283	5.35	0.45	019.05	43	0.1059	1.23	0.29
003.11	10	0.2642	1.25	0.02	019.08	7	0.0000	1.01	0.25
003.12	5	1.9207	4.37	1.13	019.09	32	0.6099	4.11	0.45
003.13	6	0.0000	1.05	0.06	019.99	7	-0.0788	0.98	0.27
003.14	14	-0.5050	1.55	0.78	020.01	7	0.0000	0.95	0.39
003.99	9	-0.1617	1.08	0.19	020.99	2	0.0000	1.22	0.06
004.00	30	0.6305	1.79	0.28	021.01	5	7.3971	10.18	0.57
004.03	2	0.0000	0.30	0.84	021.02	15	-0.0137	0.99	0.26
004.06	31	0.1146	1.12	0.20	022.01	27	-0.2533	1.57	0.25
004.07	45	0.2084	1.71	0.31	022.03	30	0.1684	1.23	0.36
004.11	8	0.0000	1.02	0.17	022.05	31	0.2058	1.15	0.38
004.99	4	2.0722	4.21	0.44	022.99	5	0.0000	1.05	0.10
005.00	134	0.1005	1.16	0.36	025.01	21	-0.6718	2.10	0.23
005.11	7	1.0323	2.83	0.58	025.03	33	0.2649	1.53	0.26
005.99	15	0.5606	2.34	0.42	025.05	27	-0.1673	1.82	0.33
008.02	12	0.0000	1.02	0.10	025.99	5	0.0000	0.94	0.44
008.08	24	0.0000	1.01	0.10	027.01	25	-0.0494	0.95	0.47
008.99	4	0.0000	1.05	0.23	027.03	33	0.1040	1.37	0.45
009.07	11	0.0071	0.97	0.15	027.05	25	0.9286	4.18	0.37
009.09	19	1.0194	3.35	0.35	027.99	3	1.7991	3.17	1.07
009.99	4	0.0543	0.92	0.26	028.01	19	-0.1565	1.14	0.11
010.03	4	-2.1642	2.58	0.36	028.03	32	0.1974	2.75	0.92

AAFCO - Feed Check Sample No. - 200930 Dry Cat Food

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
028.05	32	0.5765	3.47	0.40	109.02	8	0.0519	0.97	0.06
028.99	5	0.0000	1.04	0.20	112.00	2	0.0000	1.22	0.04
031.01	53	-0.1113	1.14	0.28	120.00	13	-0.6053	2.08	0.23
031.02	4	0.0000	0.53	0.81	120.05	2	0.0000	1.21	0.12
031.03	6	0.0000	0.96	0.38	121.00	13	0.0000	1.02	0.10
031.05	73	0.0460	1.35	0.34	121.05	2	0.0000	0.94	0.56
031.06	2	-12.8458	18.17	5.44	122.00	13	-0.2037	1.21	0.29
031.99	10	0.0000	0.99	0.26	122.05	2	0.0000	1.21	0.15
032.01	23	0.1386	1.20	0.25	124.00	11	0.0710	1.00	0.09
032.02	4	0.0000	0.93	0.48	124.02	2	0.0000	1.22	0.09
032.05	56	0.2114	1.98	0.32	125.00	13	0.4732	1.70	0.24
032.99	2	0.0000	1.20	0.17	125.05	2	0.0000	1.17	0.25
033.00	21	-0.1832	1.71	0.11	126.00	13	0.0186	0.97	0.84
033.01	29	-0.2161	1.52	0.34	126.05	2	0.0000	1.19	0.20
033.03	6	0.0000	1.04	0.15	127.00	12	0.0000	1.01	0.16
033.99	10	0.0000	1.02	0.13	127.05	2	0.0000	0.71	0.71
034.04	5	-0.0659	0.93	0.62	128.00	13	0.0408	0.99	0.16
034.05	4	26.6520	35.18	8.90	128.05	2	0.0000	1.15	0.29
034.99	2	0.0000	0.00	0.87	129.00	13	0.1492	1.08	0.43
035.00	23	0.7080	2.69	0.21	129.05	2	0.0000	1.18	0.22
035.01	2	0.0000	1.16	0.28	130.00	13	0.3896	1.70	0.20
035.03	53	0.1157	1.58	0.29	130.05	2	0.0000	1.22	0.04
035.05	9	0.0917	1.00	0.17	131.00	11	0.0000	1.02	0.09
035.99	2	0.0000	1.19	0.20	131.02	2	0.0000	1.21	0.14
036.00	2	0.0000	1.13	0.34	131.05	2	0.0000	0.45	0.81
036.03	23	0.1855	2.75	0.11	132.00	13	0.0194	0.98	0.16
037.01	26	1.7332	6.54	0.59	132.05	2	0.0000	0.11	0.86
037.03	36	-0.4070	3.17	0.56	133.00	12	0.0000	1.00	0.19
037.05	29	1.0266	4.93	0.43	133.05	2	0.0000	1.22	0.03
037.99	5	2.0005	4.57	1.25	134.00	13	-0.5739	2.31	1.57
038.00	9	-0.6124	1.96	0.66	134.05	2	0.0000	1.19	0.21
039.02	4	0.0000	1.02	0.30	135.00	13	-0.2971	1.41	0.34
104.00	3	0.0000	0.97	0.45	135.05	2	0.0000	0.63	0.74
105.00	2	0.0000	0.83	0.63	136.01	6	-0.0996	0.97	0.52
105.01	2	0.0000	1.22	0.08	137.00	8	-0.5295	1.77	0.22
106.02	16	1.8440	7.44	0.16	138.00	13	0.0045	0.97	0.26
107.00	2	0.0000	1.21	0.15	138.05	2	0.0000	1.05	0.44
108.01	2	0.0000	1.21	0.12	139.00	4	0.2414	1.03	0.09
108.02	2	0.0000	1.22	0.00	139.05	2	0.0000	0.78	0.67