Feed Check Sample No. - 200733 Poultry Meal (07101)
Association of American Feed Control Officials

Method	AOAC 18th	Method Code	- Pass 1 Results for 188 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 187 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Urea, Misc		000.99	1	0.69000	0.05657	0.08000	1	0.69000	0.05657	0.08000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	7	1.77286	0.26313	0.07429	7	1.77286	0.26313	0.07429
Loss on Drying, ISO 6496		001.03	4	1.68000	0.06188	0.05000	4	1.68000	0.06188	0.05000
Loss on Drying, LECO		001.05	1	1.67000	0.00000	0.00000	1	1.67000	0.00000	0.00000
Loss on Drying, 104 deg 3 hr, in malt	935.29	001.07	41	1.69643	0.28973	0.08812	39	1.70612	0.26989	0.06264
Loss on Drying, Misc		001.99	17	1.69553	0.30117	0.12576	16	1.66963	0.28032	0.09488
Method Group 001.XX PCT			70	1.70254	0.27874	0.09244	67	1.70228	0.26132	0.06987
Protein, Crude	954.01	002.00	3	66.2150	0.52424	0.19667	3	66.2150	0.52424	0.19667
Protein, Auto Kjel-Foss	976.05	002.01	7	65.1200	0.86773	0.18153	7	65.1200	0.86773	0.18153
Protein, Semiauto Autoanalyzer	976.06	002.02	9	65.2766	1.04402	0.44144	8	65.1174	0.91928	0.23413
Protein, Hach Method		002.03	1	65.9200	0.25456	0.36000	1	65.9200	0.25456	0.36000
Protein, Copper Cat	984.13	002.04	4	65.2025	1.88756	0.32000	5	64.2630	2.58760	0.29000
Protein, Copper, Boric Acid		002.05	17	65.1542	0.88856	0.25215	16	65.2464	0.82195	0.20637
Protein, Combustion Nitrogen Analyzer	990.03	002.06	107	66.4993	0.86509	0.36329	102	66.5010	0.82280	0.30719
Protein, Cu/Ti	988.05	002.08	4	65.1021	0.53004	0.14825	4	65.1021	0.53004	0.14825
Protein, Block dig/distillation		002.10	9	64.6611	1.18937	0.36222	9	64.6611	1.18937	0.36222
Protein, NIR		002.11	11	63.7864	1.12430	0.29636	11	63.7864	1.12430	0.29636
Protein, Misc		002.99	7	65.7611	1.05708	0.53071	7	65.7611	1.05708	0.53071
Method Group 002.XX PCT			179	65.9000	1.24606	0.34335	172	65.8926	1.22619	0.29556
Fat, Eth Ext, Direct	920.39	003.00	30	16.9717	0.35299	0.16903	28	16.9856	0.34135	0.12932
Fat, Ind Eth Ext (13th ed), Indirect	920.39	003.01	1	16.3950	0.09192	0.13000	1	16.3950	0.09192	0.13000
Fat, In Fish Meal	948.04	003.04	1	17.1250	0.02121	0.03000	1	17.1250	0.02121	0.03000
Fat, Pet Ether		003.06	24	16.6540	0.20272	0.14958	23	16.6565	0.19968	0.13391
Fat, Soxtec, Eth Ext		003.09	28	16.7948	0.28126	0.17658	27	16.8197	0.24990	0.16571
Fat, Soxtec, Pet Ether		003.10	30	16.5915	0.21297	0.10985	28	16.5724	0.17896	0.09913
Fat, NIR		003.11	10	16.6365	0.33168	0.15900	10	16.6365	0.33168	0.15900
Fat, Hexane Ext.		003.12	3	16.9233	0.21805	0.19333	3	16.9233	0.21805	0.19333
Fat, Soxtec, Hexane Ext.		003.13	2	16.7275	0.23258	0.25500	2	16.7275	0.23258	0.25500
Fat, Ankom		003.14	14	16.8686	0.31608	0.13643	13	16.8462	0.30979	0.11000
Fat, Misc		003.99	8	16.8214	0.64995	0.22775	8	16.9583	0.80097	0.15150
Method Group 003.XX PCT			151	16.7661	0.33719	0.15545	143	16.7648	0.32744	0.13415
Fiber, Crude Asbestos Free	962.09	004.00	26	0.88346	0.40524	0.10538	24	0.81313	0.31326	0.09208
Fiber, Sing Filt		004.01	2	1.10750	0.28791	0.11500	2	1.10750	0.28791	0.11500
Fiber, Fritted Glass	978.10	004.03	2	0.73350	0.24002	0.04700	2	0.73350	0.24002	0.04700
Fiber, Fibertec		004.06	26	0.87919	0.35449	0.12003	24	0.83871	0.32848	0.08587
Fiber, ANKOM		004.07	30	0.96728	0.51464	0.10763	31	1.01398	0.56806	0.10577
Fiber, NIR		004.11	6	0.49917	0.16627	0.03500	6	0.49917	0.16627	0.03500
Fiber, Misc		004.99	3	1.13000	0.52703	0.13333	3	1.13000	0.52703	0.13333
Method Group 004.XX PCT			95	0.89384	0.43251	0.10551	91	0.86516	0.41081	0.09268

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Ash,	942.05	005.00	130	13.5071	0.25441	0.15031	124	13.5093	0.24393	0.13028
Ash, LECO		005.02	1	13.8000	0.14142	0.20000	1	13.8000	0.14142	0.20000
Ash, NIR		005.11	4	13.7913	0.48490	0.40250	6	14.2667	0.51782	0.21000
Ash, Misc		005.99	14	13.5051	0.25468	0.22564	13	13.5081	0.23458	0.17662
Method Group 005.XX PCT			149	13.5165	0.26574	0.16449	141	13.5185	0.24929	0.13348
Fiber, Acid Detergent	973.18	008.02	9	2.26722	1.18042	0.19667	9	2.26722	1.18042	0.19667
Fiber, Acid Detergent-Hach		008.05	1	2.15000	0.07071	0.10000	1	2.15000	0.07071	0.10000
Fiber, Acid Detergent by ANKOM		008.08	11	3.36236	1.47676	0.27291	10	3.36510	1.54314	0.19520
Fiber, Acid Detergent Misc		008.99	7	2.00857	1.10538	0.43257	7	2.00857	1.10538	0.43257
Method Group 008.XX PCT			28	2.62861	1.38439	0.28214	27	2.60244	1.39962	0.25370
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	36.1100	4.25678	6.02000	1	36.1100	4.25678	6.02000
Fiber, Neutral Det-ENZ Pretreat		009.07	10	28.5515	5.40130	0.80500	10	28.5515	5.40130	0.80500
Fiber, Neutral Detergent by ANKOM		009.09	11	32.5268	6.37590	0.85364	10	31.9745	6.40303	0.54900
Fiber, Neutral Det Misc		009.99	3	22.4897	2.63042	1.10400	3	22.4897	2.63042	1.10400
Method Group 009.XX PCT			25	29.8756	6.47675	1.07088	24	29.5350	6.37256	0.95300
Moisture, Karl-Fischer	966.20	010.03	3	2.11345	0.33232	0.05357	3	2.11345	0.33232	0.05357
Moisture, NIR		010.11	10	2.17770	0.58826	0.11200	10	2.17770	0.58826	0.11200
Moisture, Misc		010.99	17	1.79591	0.27931	0.11462	16	1.81878	0.26162	0.08554
Method Group 010.XX PCT			30	1.95493	0.44540	0.10764	29	1.97303	0.43862	0.09136
Loss on Drying, 135 deg 2 hr	930.15	011.01	67	2.11481	0.26213	0.07186	64	2.08839	0.23249	0.06132
Loss on Drying, High Temp Methods, Misc		011.99	4	1.41750	0.23891	0.04000	4	1.41750	0.23891	0.04000
Method Group 011.XX PCT			71	2.07552	0.30608	0.07006	68	2.04893	0.28091	0.06006
Starch, Polarimetric (Ewers)		012.00	3	0.00333	0.00516	0.00000	3	0.00333	0.00516	0.00000
Starch, Megazyme		012.01	2	0.36323	0.24459	0.00865	2	0.36323	0.24459	0.00865
Starch, Enzymatic		012.03	1	0.15000	0.08485	0.12000	1	0.15000	0.08485	0.12000
Starch, YSI Analyzer		012.04	1	1.97500	0.00707	0.01000	1	1.97500	0.00707	0.01000
Method Group 012.XX PCT			7	0.40878	0.69179	0.02104	7	0.40878	0.69179	0.02104
Fat, Mojonnier, Bak Ext	954.02	013.02	19	17.9461	0.71244	0.17632	18	17.9736	0.71772	0.14833
Fat, Soxtec-Acid Hydrolysis		013.10	16	17.8938	0.99656	0.26856	14	17.8236	1.01389	0.17550
Fat, Super Critical Fluid Extraction		013.11	1	18.8600	0.11314	0.16000	1	18.8600	0.11314	0.16000
Fat, NIR-Acid Hydrolysis		013.12	1	19.2050	0.04950	0.07000	1	19.2050	0.04950	0.07000
Fat, Pretreat or extended ext, misc		013.99	1	18.4000	0.14142	0.20000	1	18.4000	0.14142	0.20000
Method Group 013.XX PCT			38	17.9932	0.85459	0.21255	35	17.9863	0.86315	0.15877
Aluminum, ICP		015.00	7	25.4936	7.38348	5.29286	6	25.4258	5.96047	1.97500
Method Group 015.XX PPM			7	25.4936	7.38348	5.29286	6	25.4258	5.96047	1.97500
Boron, ICP		017.00	3	2.00333	0.90842	0.16000	3	2.00333	0.90842	0.16000
Method Group 017.XX PPM			3	2.00333	0.90842	0.16000	3	2.00333	0.90842	0.16000
Cadmium, ICP		018.02	1	0.50000	0.00000	0.00000	1	0.50000	0.00000	0.00000
Calcium, Ox-Mn04 Vol	927.02	019.00	10	3.56588	0.19755	0.18743	10	3.56588	0.19755	0.18743

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Calcium, At Abs Spect	968.08	019.01	51	3.69076	0.20908	0.10764	48	3.69049	0.20549	0.08291
Calcium, Semiauto (Autoanalyzer)		019.03	5	3.82050	0.13590	0.12500	5	3.82050	0.13590	0.12500
Calcium, ICP, Dry Ash		019.05	34	3.75121	0.21117	0.09078	31	3.72423	0.17802	0.07505
Calcium, EDTA		019.08	6	3.77245	0.07319	0.04097	6	3.77245	0.07319	0.04097
Calcium, ICP, Wet Ash		019.09	23	3.73473	0.24855	0.11831	23	3.77038	0.27306	0.10527
Calcium, Misc		019.99	6	3.65983	0.17928	0.14333	6	3.65983	0.17928	0.14333
Method Group 019.XX PCT			135	3.71129	0.21382	0.11039	127	3.70192	0.19986	0.09325
Chromium, AA		020.00	1	4.14800	0.02970	0.04200	1	4.14800	0.02970	0.04200
Chromium, ICP		020.01	4	2.05500	0.87528	0.50500	4	2.05500	0.87528	0.50500
Method Group 020.XX PPM			5	2.47360	1.17250	0.41240	5	2.47360	1.17250	0.41240
Cobalt, AA	968.08	021.01	2	1.65000	1.79025	0.05000	2	1.65000	1.79025	0.05000
Cobalt, ICP		021.02	3	0.24167	0.27073	0.02133	3	0.24167	0.27073	0.02133
Cobalt, Misc.		021.99	1	2.25000	0.07071	0.10000	1	2.25000	0.07071	0.10000
Method Group 021.XX PPM			6	1.04583	1.28723	0.04400	6	1.04583	1.28723	0.04400
Copper, AA	968.08	022.01	14	12.0999	2.44880	0.60629	13	11.7496	2.13670	0.46077
Copper, ICP, Dry Ash	968.08	022.03	21	11.2501	2.69201	0.67590	20	11.0876	2.63334	0.55970
Copper, ICP, Wet Ash	968.08	022.05	19	11.3395	1.95705	0.27895	17	10.9738	1.61811	0.15471
Copper, Misc		022.99	2	10.1150	0.16902	0.18000	2	10.1150	0.16902	0.18000
Method Group 022.XX PPM			56	11.4523	2.36705	0.50611	52	11.1785	2.17182	0.38796
Iron, AA	968.08	025.01	15	220.557	35.6367	8.64073	14	220.383	36.6356	6.82936
Iron, ICP, Dry Ash	968.08	025.03	20	216.648	21.5502	11.9572	19	215.129	20.3663	10.2181
Iron, ICP, Wet Ash	968.08	025.05	16	235.992	32.4468	22.3088	16	235.992	32.4468	22.3088
Iron, Misc		025.99	3	241.317	25.0000	22.3000	3	241.317	25.0000	22.3000
Method Group 025.XX PPM			54	224.836	30.5015	14.6777	52	224.474	30.7008	13.7230
Lead, Misc		026.99	1	0.37500	0.00707	0.01000	1	0.37500	0.00707	0.01000
Magnesium, AA	968.08	027.01	18	0.12721	0.00937	0.00371	18	0.12721	0.00937	0.00371
Magnesium, ICP, Dry Ash	968.08	027.03	24	0.12539	0.00666	0.00224	20	0.12443	0.00615	0.00068
Magnesium, ICP, Wet Ash	968.08	027.05	19	0.12531	0.00929	0.00512	18	0.12505	0.00918	0.00429
Magnesium, Misc.		027.99	2	0.13275	0.00613	0.00450	2	0.13275	0.00613	0.00450
Method Group 027.XX PCT			63	0.12612	0.00836	0.00360	58	0.12577	0.00833	0.00288
Manganese, AA	968.08	028.01	15	6.76287	1.81312	0.66413	15	6.76287	1.81312	0.66413
Manganese, ICP, Dry Ash	968.08	028.03	22	6.89549	1.29887	0.77659	21	6.93813	1.23825	0.62310
Manganese, ICP, Wet Ash	968.08	028.05	17	7.81559	1.50969	0.53941	15	7.79433	1.56789	0.35133
Manganese, Misc.		028.99	2	6.52500	1.95853	1.05000	2	6.52500	1.95853	1.05000
Method Group 028.XX PPM			56	7.12605	1.58400	0.68423	53	7.11526	1.57742	0.57391
Mercury, Misc		029.99	1	0.01700	0.00141	0.00200	1	0.01700	0.00141	0.00200
Phosphorus, Photometric	965.17	031.01	53	2.32143	0.10922	0.05943	51	2.32246	0.10650	0.05196
Phosphorus, GQMP (2.028)	964.06	031.02	4	2.30944	0.04441	0.04863	4	2.30944	0.04441	0.04863
Phosphorus, Autoanalyzer		031.03	9	2.35156	0.12555	0.04378	9	2.35156	0.12555	0.04378

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Phosphorus, ICP		031.05	57	2.34743	0.14465	0.06083	54	2.35201	0.14256	0.05291
Phosphorus, Hach Method		031.06	3	2.18667	0.10985	0.07333	3	2.18667	0.10985	0.07333
Phosphorus, Misc		031.99	10	2.36315	0.16944	0.04230	10	2.36315	0.16944	0.04230
Method Group 031.XX PCT			136	2.33406	0.13169	0.05771	131	2.33624	0.13002	0.05144
Potassium, AA	975.03	032.01	17	0.85961	0.07191	0.02215	16	0.86403	0.07094	0.01791
Potassium, Flame Emission	956.01	032.02	5	0.88030	0.04348	0.01860	5	0.88030	0.04348	0.01860
Potassium, ICP		032.05	40	0.87241	0.04335	0.01911	38	0.87335	0.04270	0.01580
Potassium, Misc		032.99	1	0.90500	0.00707	0.01000	1	0.90500	0.00707	0.01000
Method Group 032.XX PCT			63	0.87010	0.05244	0.01974	60	0.87197	0.05144	0.01650
Salt, Sol Cl	943.01	033.00	10	0.77115	0.09772	0.03570	10	0.77115	0.09772	0.03570
Salt, Poten Cl	969.10	033.01	21	0.83728	0.03028	0.01353	20	0.83389	0.02617	0.01171
Salt, Quantab		033.03	1	0.83000	0.00000	0.00000	1	0.83000	0.00000	0.00000
Salt, Misc		033.99	4	0.84125	0.09848	0.05750	4	0.84125	0.09848	0.05750
Method Group 033.XX PCT			36	0.81915	0.07031	0.02420	35	0.81670	0.06963	0.02346
Selenium, Fluor	969.06	034.01	2	0.99250	0.02986	0.04500	2	0.99250	0.02986	0.04500
Selenium, AA, Hydride		034.04	4	0.97700	0.06914	0.05000	4	0.97700	0.06914	0.05000
Selenium, ICP		034.05	1	1.09000	0.02828	0.04000	1	1.09000	0.02828	0.04000
Method Group 034.XX PPM			7	0.99757	0.06652	0.04714	7	0.99757	0.06652	0.04714
Sodium, AA		035.00	21	0.53577	0.04413	0.01290	19	0.53697	0.04203	0.00797
Sodium, Ion Sel Electrode		035.01	3	0.54125	0.02362	0.01970	3	0.54125	0.02362	0.01970
Sodium, ICP		035.03	40	0.52590	0.04390	0.01230	39	0.52742	0.04266	0.01008
Sodium, Flame Emission	956.01	035.05	6	0.52048	0.04845	0.02230	6	0.52048	0.04845	0.02230
Sodium, Misc		035.99	4	0.63525	0.06190	0.01050	4	0.63525	0.06190	0.01050
Method Group 035.XX PCT			74	0.53479	0.05067	0.01349	71	0.53605	0.04972	0.01098
Sulfur, (Gravimetric)		036.00	2	0.66500	0.03109	0.04000	2	0.66500	0.03109	0.04000
Sulfur, ICP		036.03	18	0.72063	0.04819	0.01379	16	0.73096	0.03758	0.00939
Sulfur, LECO		036.04	3	0.75800	0.03370	0.01600	3	0.75800	0.03370	0.01600
Method Group 036.XX PCT			23	0.72066	0.04958	0.01636	21	0.72854	0.04246	0.01325
Zinc, AA	968.08	037.01	15	105.104	7.36783	3.89667	14	104.683	7.20538	3.17500
Zinc, ICP, Dry Ash	968.08	037.03	23	108.527	8.92760	2.63683	22	108.483	9.07861	2.34759
Zinc, ICP, Wet Ash	968.08	037.05	17	109.655	12.8064	2.75176	17	109.655	12.8064	2.75176
Zinc, Misc		037.99	4	101.663	7.19503	4.67500	4	101.663	7.19503	4.67500
Method Group 037.XX PPM			59	107.517	9.95145	3.12842	57	107.421	10.0508	2.83468
Molybdenum, ICP		038.00	3	0.86417	0.68600	0.44367	3	0.86417	0.68600	0.44367
Method Group 038.XX PPM			3	0.86417	0.68600	0.44367	3	0.86417	0.68600	0.44367
Nickel, ICP		039.02	2	2.60150	2.42905	0.25500	2	2.60150	2.42905	0.25500
Method Group 039.XX PPM			2	2.60150	2.42905	0.25500	2	2.60150	2.42905	0.25500
Barium, ICP		040.00	1	1.60000	0.05657	0.08000	1	1.60000	0.05657	0.08000
Thiamine, HPLC		105.00	1	2.17000	0.09899	0.14000	1	2.17000	0.09899	0.14000

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Vitamin A, HPLC		106.02	8	1.27769	0.42540	0.10075	8	1.27769	0.42540	0.10075
Method Group 106.XX KU/LB			8	1.27769	0.42540	0.10075	8	1.27769	0.42540	0.10075
Vitamin D3, HPLC		108.02	1	17.2500	0.21213	0.30000	1	17.2500	0.21213	0.30000
Vitamin E, HPLC		109.02	4	12.8453	8.19831	0.42863	4	12.8453	8.19831	0.42863
Method Group 109.XX MG/KG			4	12.8453	8.19831	0.42863	4	12.8453	8.19831	0.42863
Alanine, Post-col Ninhydrin Der	994.12	120.00	10	4.45362	0.08032	0.08558	10	4.45362	0.08032	0.08558
Method Group 120.XX PCT			10	4.45362	0.08032	0.08558	10	4.45362	0.08032	0.08558
Arginine, Post-col Ninhydrin Der	994.12	121.00	10	4.41741	0.11368	0.09150	10	4.41741	0.11368	0.09150
Method Group 121.XX PCT			10	4.41741	0.11368	0.09150	10	4.41741	0.11368	0.09150
Aspartic, Post-col Ninhydrin Der	994.12	122.00	10	5.42743	0.21192	0.12934	10	5.42743	0.21192	0.12934
Method Group 122.XX PCT			10	5.42743	0.21192	0.12934	10	5.42743	0.21192	0.12934
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	9	0.57431	0.09169	0.01547	9	0.57431	0.09169	0.01547
Cysteine/Cystine, PAO Post-col OPA Der		124.02	1	0.51000	0.01131	0.01600	1	0.51000	0.01131	0.01600
Method Group 124.XX PCT			10	0.56788	0.08900	0.01552	10	0.56788	0.08900	0.01552
Glutamic, Post-col Ninhydrin Der	994.12	125.00	10	9.00666	0.27501	0.20240	10	9.00666	0.27501	0.20240
Method Group 125.XX PCT			10	9.00666	0.27501	0.20240	10	9.00666	0.27501	0.20240
Glycine, Post-col Ninhydrin Der	994.12	126.00	10	5.95801	0.22275	0.06181	10	5.95801	0.22275	0.06181
Method Group 126.XX PCT			10	5.95801	0.22275	0.06181	10	5.95801	0.22275	0.06181
Histidine, Post-col Ninhydrin Der	994.12	127.00	10	1.50015	0.11589	0.03871	10	1.50015	0.11589	0.03871
Method Group 127.XX PCT			10	1.50015	0.11589	0.03871	10	1.50015	0.11589	0.03871
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	10	2.37840	0.26138	0.10975	9	2.32266	0.19565	0.07528
Method Group 128.XX PCT			10	2.37840	0.26138	0.10975	9	2.32266	0.19565	0.07528
Leucine, Post-col Ninhydrin Der	994.12	129.00	10	4.46079	0.19388	0.10907	10	4.46079	0.19388	0.10907
Method Group 129.XX PCT			10	4.46079	0.19388	0.10907	10	4.46079	0.19388	0.10907
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	11	4.19872	0.14797	0.10322	11	4.19872	0.14797	0.10322
L-Lysine, Pre-col AQC Der		130.05	1	4.17500	0.02121	0.03000	1	4.17500	0.02121	0.03000
Method Group 130.XX PCT			12	4.19674	0.14162	0.09712	12	4.19674	0.14162	0.09712
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	9	1.39743	0.10539	0.05003	8	1.40892	0.10193	0.03541
Method Group 131.XX PCT			9	1.39743	0.10539	0.05003	8	1.40892	0.10193	0.03541
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	10	2.41637	0.08862	0.05493	10	2.41637	0.08862	0.05493
Method Group 132.XX PCT			10	2.41637	0.08862	0.05493	10	2.41637	0.08862	0.05493
Proline, Post-col Ninhydrin Der	994.12	133.00	9	3.99596	0.14780	0.11428	9	3.99596	0.14780	0.11428
Method Group 133.XX PCT			9	3.99596	0.14780	0.11428	9	3.99596	0.14780	0.11428
Serine, Post-col Ninhydrin Der	994.12	134.00	10	2.39182	0.15525	0.08777	10	2.39182	0.15525	0.08777
Method Group 134.XX PCT			10	2.39182	0.15525	0.08777	10	2.39182	0.15525	0.08777
Threonine, Post-col Ninhydrin Der	994.12	135.00	10	2.53587	0.09111	0.05219	10	2.53587	0.09111	0.05219
Threonine, Pre-col AQC Der		135.05	1	2.45500	0.02121	0.03000	1	2.45500	0.02121	0.03000
Method Group 135.XX PCT			11	2.52851	0.08999	0.05017	11	2.52851	0.08999	0.05017
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	1	0.67700	0.01697	0.02400	1	0.67700	0.01697	0.02400

Method	AOAC 18th	Method Code	- Pass 1 Results for 188 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 187 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	4	0.64810	0.03092	0.00720	4	0.64810	0.03092	0.00720
Tryptophan, Misc		136.99	2	0.55675	0.07753	0.01250	2	0.55675	0.07753	0.01250
Method Group 136.XX PCT			7	0.62613	0.06404	0.01111	7	0.62613	0.06404	0.01111
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	7	1.94514	0.09846	0.07761	7	1.94514	0.09846	0.07761
Method Group 137.XX PCT			7	1.94514	0.09846	0.07761	7	1.94514	0.09846	0.07761
Valine, Post-col Ninhydrin Der	994.12	138.00	10	2.76352	0.21235	0.06903	10	2.76352	0.21235	0.06903
Method Group 138.XX PCT			10	2.76352	0.21235	0.06903	10	2.76352	0.21235	0.06903
Taurine, Post-col Ninhydrin Der	994.12	139.00	1	0.56000	0.04243	0.06000	1	0.56000	0.04243	0.06000

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 000.99	--
265	0.6900	.71
--	Method 001.00	--
596	3.4000 s	6.18
509	2.0900	1.25
720	1.9750	.79
001	1.9000	.48
504	1.8600	.36
029	1.7750	.10
Avg	1.7729	
169	1.4200	-1.35
309	1.3900	-1.46
--	Method 001.03	--
688	1.7500	1.39
663	1.6900	.16
Avg	1.6800	
731	1.6300	-.81
567	1.6500	-.94
--	Method 001.05	--
610	1.6700	.00
--	Method 001.07	--
089	2.5600	3.16
048	2.5400 s	3.14
307	1.9150 R	1.62
278	2.1250	1.55
004	2.1100	1.51
142	2.0000	1.09
679	1.9500	.92
550	1.9150	.78
139	1.9050	.74
607	1.8750	.63
559	1.8200	.45
297	1.8100	.43
512	1.8110	.39
599	1.7750	.35
049	1.8000	.35
--	Method 001.07	--
581	1.7550	.30
035	1.7850	.29
588	1.7800	.28
065	1.7800	.27
083	1.7750	.27
618	1.7700	.26
130	1.7325	.22
571	1.7550	.18
669	1.7350	.14
199	1.7300	.12
Avg	1.7061	
413	1.7000	-.02
639	1.6450	-.23
178	1.7000	-.37
353	1.6000	-.42
187	1.5450	-.60
689	1.5500	-.61
015	1.5650	-.63
045	1.4650	-.89
345	1.4550	-.94
177	1.4150	-1.08
590	1.4050	-1.13
098	1.3700	-1.25
616	1.3700	-1.26
591	1.3500	-1.32
693	1.2850	-1.56
366	1.1000 R	-2.36
038	1.0650	-2.43
675	0.6600 s	-3.88
--	Method 001.99	--
305	2.8700 S	4.28
665	2.1100 R	1.92
615	2.1850	1.85
681	2.0250	1.27
505	1.9900	1.26
405	1.9600	1.04
656	1.7950	.56
096	1.7500	.34
--	Method 001.99	--
631	1.7400	.27
357	1.6900	.23
Avg	1.6696	
672	1.6500	-.10
630	1.6050	-.23
619	1.6000	-.25
676	1.4090	-.93
612	1.3950	-1.04
729	1.3400	-1.22
541	1.2950	-1.34
536	1.2850	-1.37
560	0.0005 s	-5.95
--	Method 002.00	--
679	66.865	1.24
Avg	66.215	
015	65.920	-.57
199	65.860	-.80
--	Method 002.01	--
607	66.416	1.49
710	65.935	.94
652	65.650	.63
Avg	65.120	
723	64.895	-.26
656	64.595	-.62
714	64.349	-.89
672	64.000	-1.32
--	Method 002.02	--
307	66.550 R	1.93
152	66.200	1.18
639	66.090	1.06
297	65.830	.80
048	65.350	.30
Avg	65.117	
036	64.899	-.25
669	64.660	-.53
169	64.485	-.69
--	Method 002.02	--
187	63.425	-1.85
--	Method 002.03	--
265	71.600 S	22.37
686	65.920	.71
Avg	65.920	
681	61.245 S	-18.37
--	Method 002.04	--
509	68.010	1.46
018	65.015	.29
591	64.585	.13
Avg	65.203	
596	63.200	-.41
405	60.505 S	-1.45
--	Method 002.05	--
178	66.600	1.72
305	66.085	1.08
722	65.852	.74
083	65.790	.68
651	65.767	.63
663	65.735	.60
658	65.570	.43
039	65.398	.22
621	65.270	.05
Avg	65.246	
552	65.205	-.07
350	65.156	-.11
625	64.870	-.48
354	64.845	-.49
177	64.350	-1.09
689	64.250	-1.21
179	63.679 R	-2.00
596	63.200	-2.49
--	Method 002.06	--
598	72.430 s	7.22
615	69.885 s	4.19
016	68.700 R	2.77
004	68.700	2.68
168	68.235	2.16
121	67.950	1.78
011	67.900	1.70
100	67.705	1.58
096	67.720	1.48
013	67.540	1.33
510	67.550	1.28
541	67.360	1.25
559	67.395	1.22
353	67.440	1.21
119	67.480	1.19
038	67.420	1.12
010	67.410	1.11
190	67.405	1.10
693	67.395	1.09
366	67.200	.98
021	67.300	.97
309	67.145	.94
571	67.235	.92
619	67.250	.91
001	67.140	.78
417	67.060	.75
029	67.105	.73
670	67.105	.73
205	67.040	.66
138	67.010	.66
650	67.030	.65
130	66.913	.61
357	66.875	.59
122	66.835	.58
098	66.950	.55
139	66.925	.52
363	66.910	.50
726	66.900	.49
263	66.880	.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	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 002.06 --		--	Method 002.06 --		--	Method 002.08 --		--	Method 002.51 --		--	Method 003.00 --	
148	66.880	.46	590	66.000	-.66	610	66.300 s	3.62	171	5.0000 S	.00	726	16.785	-.63
036	66.860	.44	567	65.950	-.67	208	65.700	1.13				354	16.745	-.71
160	66.845	.42	520	66.010	-.72	062	65.199	.36	--	Method 002.99 --		596	16.600	-1.13
019	66.790	.39	051	65.920	-.73	563	65.165	.13	676	70.063 s	4.29	175	16.600	-1.27
026	66.790	.35	065	65.860	-.78	Avg	65.102		554	67.265	1.42	015	16.400	-1.72
358	66.690	.35	108	65.885	-.79	160	64.345	-1.44	725	66.507	1.06	615	16.525 R	-1.74
049	66.780	.34	017	65.855	-.79				028	66.340	.59	026	16.190	-2.33
003	66.770	.34	573	66.443 R	-.79	--	Method 002.10 --		643	65.825	.19	132	15.460 s	-4.48
682	66.750	.30	672	65.850	-.81	629	66.195	1.29	Avg	65.761				
673	66.600	.27	035	65.810	-.84	619	65.550	.78	731	65.195	-.54	--	Method 003.01 --	
550	66.713	.27	202	65.820	-.85	675	65.555	.75	724	64.710	-1.00	504	16.395	.71
002	66.630	.19	647	65.990	-.86	688	65.500	.71	536	64.485	-1.30			
144	66.585	.15	599	65.910	-.93	546	65.215	.47				--	Method 003.04 --	
Avg	66.501		142	65.700	-1.04	Avg	64.661		--	Method 003.00 --		681	17.125	.71
089	66.465	-.04	037	65.590	-1.11	729	64.315	-.33	187	26.145 s	26.88			
171	66.450	-.09	504	66.387 R	-1.12	727	63.375	-1.14	509	17.845	2.52	--	Method 003.06 --	
345	66.445	-.10	208	65.550	-1.16	596	63.200	-1.23	179	17.446	1.37	588	17.165	2.55
229	66.405	-.12	616	65.565	-1.18	631	63.045	-1.42	212	17.415	1.37	185	16.880	1.35
512	66.485	-.17	660	65.660	-1.18				353	17.030 R	1.03	621	16.890	1.22
164	66.330	-.21	511	65.670	-1.21	--	Method 002.11 --		142	17.250	.89	581	16.860	1.09
407	66.305	-.24	027	65.635	-1.23	665	65.995	2.00	309	17.260	.81	684	16.785	.65
505	66.415	-.25	300	65.575	-1.23	567	65.000	1.08	307	17.200	.69	229	16.675	.53
589	66.285	-.28	588	65.455	-1.27	011	64.400	.65	563	17.200	.69	688	16.750	.53
242	66.250	-.31	226	65.500	-1.36	713	64.430	.59	032	17.150	.67	148	16.705	.27
278	66.450	-.31	674	66.000 R	-1.37	731	64.015	.25	139	17.055	.52	009	16.665	.23
045	66.250	-.36	106	65.350	-1.41	Avg	63.786		048	17.150	.50	169	16.670	.16
032	66.210	-.36	529	65.225	-1.55	599	63.450	-.33	190	17.130	.42	199	16.680	.13
294	66.200	-.37	630	65.130	-1.67	688	63.250	-.50	152	17.100	.34	Avg	16.657	
618	66.189	-.38	413	64.800 R	-2.19	631	63.185	-.54	265	17.070	.25	294	16.575	-.42
034	66.180	-.39	014	64.632	-2.27	588	63.055	-.65	017	17.040	.22	164	16.565	-.46
110	66.235	-.41	692	64.400	-2.58	672	63.015	-.69	106	17.010	.09	625	16.650	-.50
610	66.250	-.43	179	64.120	-2.89	724	61.855	-1.72	Avg	16.986		122	16.650	-.50
354	66.145	-.43	132	63.400 s	-3.77				033	16.925	-.22	689	16.600	-.58
720	66.175	-.46	596	63.200 s	-4.01	--	Method 002.50 --		512	16.910	-.27	297	16.555	-.66
185	66.112	-.48	212	61.875 s	-5.69	171	92.480 S	.00	039	16.870	-.34	552	16.565	-.70
006	66.102	-.56	527	58.530 s	-9.69				527	16.845	-.43	669	16.510	-.75
199	66.050	-.57	687	32.650 s	-41.14				300	16.815	-.51	682	16.500	-.78
009	66.005	-.60							616	16.795	-.60	647	16.520	-1.17
175	66.000	-.62							035	16.795	-.62	658	16.595 R	-1.31

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 003.06	--
731	16.395	-1.36
559	16.290	-1.95
--	Method 003.09	--
714	19.140 s	9.30
511	17.360	2.33
723	17.215	1.59
630	17.150	1.51
505	17.110	1.41
358	17.085	1.29
590	16.960	1.11
727	16.980	.88
656	16.885	.82
098	16.945	.52
002	16.855	.30
226	16.850	.23
633	16.859	.17
354	16.830	.06
Avg	16.820	
038	16.810	-.13
263	16.756	-.25
673	16.700	-.48
651	16.697	-.49
305	16.700	-.50
350	16.678	-.57
001	16.635	-.74
013	16.625	-.79
620	16.646	-.83
027	16.655	-.90
722	16.580	-1.07
029	16.550	-1.11
121	16.550	-1.13
675	16.465	-1.42
674	16.125 A	-2.93
--	Method 003.10	--
119	17.220 A	3.63
520	17.075 s	3.20
051	16.975	2.26
651	16.952	2.12
233	16.790	1.22
045	16.700	.91
345	16.700	.91
599	16.580	.84
607	16.721	.84
639	16.705	.75
598	16.675	.71
062	16.574	.21
629	16.580	.17
596	16.600	.15
672	16.600	.15
363	16.595	.15
242	16.590	.10
Avg	16.572	
089	16.565	-.05
202	16.500	-.44
042	16.455	-.66
034	16.455	-.67
366	16.500	-.69
160	16.445	-.73
178	16.550	-.85
728	16.425	-.88
100	16.390	-1.03
679	16.380	-1.08
619	16.500 R	-1.19
573	16.395	-1.28
693	16.320	-1.48
098	16.310	-1.59
720	15.585 s	-5.73
591	14.475 s	-11.75
618	6.1350 s	-58.56
--	Method 003.11	--
567	17.050	1.33
713	17.045	1.25
724	16.950	.95
665	16.890	.78
Avg	16.637	
588	16.505	-.40
731	16.610	-.61
631	16.395	-.73
688	16.400	-.77
672	16.370	-.81
599	16.150	-1.53
011	14.900 s	-5.24
--	Method 003.12	--
670	17.125	.93
Avg	16.923	
171	16.745	-.89
357	16.900	-.92
--	Method 003.13	--
660	16.845	.52
Avg	16.728	
205	16.610	-1.11
--	Method 003.14	--
413	17.450	1.96
407	17.330	1.56
049	17.160 R	1.28
110	17.075	.75
686	16.850	.10
Avg	16.846	
019	16.845	-.21
550	16.840	-.21
529	16.760	-.29
021	16.750	-.35
185	16.765	-.40
144	16.735	-.45
278	16.700	-.57
567	16.700	-.57
175	16.200	-2.09
417	18.465 S	1.95
724	18.265 S	1.64
546	17.855	1.12
028	17.170 R	.60
631	17.135	.24
676	17.101	.18
Avg	16.772	
554	16.730	-.29
536	16.675	-.40
047	16.050	-1.14
710	15.855	-1.39
--	Method 004.00	--
226	25.750 s	79.67
208	2.8100 s	6.38
034	2.1000 A	4.11
647	1.6700	2.76
265	1.3550 R	1.90
048	1.3650	1.78
345	1.2000	1.28
596	1.1500	1.18
510	1.1500	1.09
171	0.9100	.33
199	0.9100	.32
559	0.8250	.06
169	0.8200	.04
Avg	0.8131	
015	0.8000	-.04
190	0.7850	-.10
354	0.7650	-.15
509	0.7600	-.21
175	0.7300	-.35
042	0.6900	-.40
726	0.7150	-.48
563	0.6450	-.54
164	0.6500	-.54
511	0.6500	-.54
309	0.6400	-.56
504	0.5400	-.89
009	0.4200	-1.26
132	0.3850	-1.37
353	0.3400	-1.51
--	Method 004.01	--
366	1.3500	.86
Avg	1.1075	
693	0.8650	-.87
--	Method 004.03	--
679	0.9400	.86
Avg	0.7335	
619	0.5270	-.87
--	Method 004.06	--
710	1.6900	2.59
625	1.4300 R	2.06
552	1.5050	2.03
178	1.3000 R	1.53
598	1.2750	1.33
590	1.1300	.91
675	1.0900	.77
350	1.0267	.58
354	0.9800	.44
205	0.9300	.39
588	0.9250	.26
Avg	0.8387	
673	0.8000	-.12
720	0.7500	-.28
722	0.7485	-.28
728	0.8200	-.31
670	0.7850	-.33
731	0.7300	-.35
027	0.7000	-.58
607	0.6488	-.59
688	0.6500	-.59
689	0.6000	-.79
621	0.5400	-.91
656	0.5150	-.99

* 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. - 200733 Poultry Meal (07101)

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 004.06	--
610	0.5000	-1.03
591	0.4050	-1.32
674	0.3850	-1.39
--	Method 004.07	--
581	4.2000 s	5.61
019	2.9450 S	3.41
026	2.7750 S	3.11
121	2.4150 S	2.47
682	2.3000	2.26
407	2.2850	2.24
669	2.2150	2.12
100	1.5450	.93
089	1.2150	.35
686	1.2000	.33
144	1.1450	.24
567	1.0950	.23
042	1.0900	.13
013	1.0350	.05
Avg	0.9673	
033	0.9500	-.12
229	0.9200	-.17
003	0.9000	-.23
708	0.8750	-.28
536	1.0100	-.28
185	0.8350	-.37
110	0.8300	-.41
529	0.7650	-.45
004	0.7100	-.54
032	0.6400	-.66
639	0.6350	-.67
505	0.6050	-.72
307	0.6000	-.75
520	0.6000	-.75
643	0.5500	-.82
294	0.5350	-.84
096	0.5000	-.92
278	0.5000	-.92
021	0.4750	-.95

Lab	Average*	Index
--	Method 004.07	--
160	0.4585	-.98
--	Method 004.11	--
588	0.7450	1.49
688	0.6000	.61
713	0.5550	.47
Avg	0.4992	
731	0.4800	-.13
724	0.3150	-1.11
599	0.3000	-1.20
--	Method 004.99	--
554	1.8000	1.29
Avg	1.1300	
028	0.8500	-.54
724	0.7400	-.75
--	Method 005.00	--
242	14.125	2.52
723	14.037	2.17
726	14.005	2.03
226	14.000	2.01
047	13.950	1.91
353	13.960	1.88
672	13.850 R	1.73
598	13.825	1.59
045	13.650 R	1.55
345	13.835	1.52
029	13.750 R	1.48
294	13.865	1.46
297	13.850	1.41
567	13.850	1.41
300	13.830	1.34
651	13.797	1.28
185	13.810	1.24
363	13.800	1.23
121	13.765	1.13
187	13.745	.98
164	13.735	.93

Lab	Average*	Index
--	Method 005.00	--
633	13.732	.92
660	13.585	.90
229	13.715	.86
357	13.650	.84
144	13.550	.84
511	13.690	.83
132	13.700	.82
722	13.688	.73
003	13.680	.70
629	13.675	.68
684	13.655	.64
062	13.571	.64
199	13.540	.63
591	13.575	.62
413	13.650	.61
171	13.515	.59
354	13.640	.56
693	13.625	.54
065	13.640	.54
505	13.640	.54
038	13.530	.54
720	13.605	.52
679	13.635	.52
035	13.630	.50
670	13.630	.50
305	13.625	.50
710	13.625	.48
599	13.605	.47
682	13.620	.45
625	13.615	.43
148	13.530	.42
656	13.570	.41
650	13.595	.40
278	13.580	.38
119	13.595	.35
100	13.550	.33
631	13.585	.32
675	13.585	.31
688	13.550	.26

Lab	Average*	Index
--	Method 005.00	--
590	13.565	.25
504	13.555	.24
686	13.515	.15
630	13.515	.15
529	13.525	.12
350	13.535	.11
616	13.520	.09
Avg	13.509	
366	13.500	-.04
001	13.485	-.12
026	13.490	-.15
550	13.482	-.18
510	13.500	-.21
034	13.465	-.23
178	13.450	-.32
110	13.430	-.33
160	13.425	-.35
004	13.435	-.38
520	13.430	-.38
015	13.425	-.44
033	13.400	-.45
039	13.446	-.46
049	13.400	-.46
674	13.505	-.51
669	13.505	-.51
689	13.415	-.52
548	13.425	-.52
307	13.455	-.52
130	13.410	-.52
139	13.370	-.57
621	13.370	-.58
048	13.400	-.61
619	13.400	-.61
108	13.360	-.63
152	13.350	-.68
596	13.350	-.68
051	13.450	-.70
309	13.505	-.72
588	13.340	-.74

Lab	Average*	Index
--	Method 005.00	--
731	13.335	-.74
089	13.320	-.78
169	13.310	-.83
179	13.300	-.88
417	13.425	-.91
559	13.450	-.93
607	13.285	-.95
027	13.275	-.97
138	13.275	-.97
205	13.295	-1.00
407	13.265	-1.01
615	13.290	-1.02
083	13.250	-1.08
527	13.225	-1.17
729	13.225	-1.18
643	13.250	-1.19
190	13.220	-1.19
265	13.265	-1.26
021	13.200	-1.27
019	13.170	-1.40
358	13.260	-1.42
175	13.250 R	-1.48
098	13.200	-1.51
620	13.145	-1.57
541	13.115	-1.64
623	13.200 R	-1.72
658	13.070	-1.81
142	13.050	-1.89
647	12.995	-2.12
552	12.995	-2.13
618	13.070 R	-2.16
202	12.830	-2.79
212	12.640 s	-3.61
639	12.175 s	-5.48
--	Method 005.02	--
610	13.800	-.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. - 200733 Poultry Meal (07101)

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 005.11 --	
631	15.835 S	3.03
588	14.840 S	1.27
688	14.600 S	.75
672	14.605 S	.66
Avg	13.852	
724	14.250	-.03
599	13.750	-1.00
713	13.555	-1.38
731	13.610 R	-1.88
665	11.880 S	-4.62
--	Method 005.99 --	
724	13.740	1.20
673	13.750	1.05
728	13.710	.94
727	13.695	.94
208	13.650	.64
536	13.550	.50
096	13.550	.28
Avg	13.508	
663	13.435	-.32
681	13.440	-.45
563	13.505	-.62
725	13.345	-.70
652	13.150	-1.65
676	13.467 R	-1.85
554	13.085	-1.88
--	Method 008.02 --	
527	13.380 S	9.41
226	12.350 S	8.55
684	4.1450	1.61
405	3.7350	1.24
038	2.8650	.51
187	2.6300	.31
148	2.3150	.04
Avg	2.2672	
045	1.6500	-.54
504	1.4450	-.72
--	Method 008.02 --	
309	1.1300	-.96
353	0.4900	-1.51
--	Method 008.05 --	
265	2.1500	-.71
--	Method 008.08 --	
160	23.440 s	13.01
529	8.9750 S	3.64
001	5.8750	1.63
581	4.5800	.79
033	4.5150	.75
294	4.2250	.56
693	3.4100	.23
278	3.6000	.15
Avg	3.3651	
536	3.3500	-.15
049	3.3350 R	-.34
413	1.9000	-.95
037	1.3050	-1.34
185	0.8910	-1.60
--	Method 008.99 --	
720	3.6950	1.58
307	3.3500	1.23
725	2.1150	.10
Avg	2.0086	
358	1.3800	-.57
297	1.4600	-.60
110	1.3100	-.69
164	0.7500	-1.14
--	Method 009.04 --	
504	36.110	.71
--	Method 009.07 --	
297	38.080	1.76
226	36.600	1.49
307	31.550	.56
--	Method 009.07 --	
684	30.705	.45
Avg	28.552	
187	27.435	-.22
045	26.600	-.37
309	24.900	-.68
663	23.900	-.86
038	23.560	-.93
693	22.185	-1.18
353	7.5100 s	-3.90
--	Method 009.09 --	
529	41.325	1.46
278	39.700	1.21
049	39.625	1.19
357	38.050 R	1.00
581	36.495	.71
Avg	31.975	
413	29.850	-.34
294	28.525	-.54
265	27.900	-.67
185	25.720	-.98
037	25.545	-1.00
536	25.060	-1.08
160	1.7050 s	-4.73
--	Method 009.99 --	
643	25.185	1.02
725	22.644	.11
Avg	22.490	
720	19.640	-1.20
--	Method 010.03 --	
027	2.4800	1.10
618	2.1204	.09
Avg	2.1135	
546	1.7400	-1.13
--	Method 010.11 --	
599	3.2000	1.74
567	2.9500	1.32
731	2.6300	.82
724	2.5300	.60
Avg	2.1777	
688	1.9000	-.50
713	1.9050	-.50
212	1.7950	-.65
631	1.7550	-.72
672	1.6200	-.95
588	1.4920	-1.17
--	Method 010.99 --	
714	2.3980	2.22
726	2.1600	1.31
417	2.0900	1.18
047	2.1000	1.14
028	2.0050	.71
725	1.8430	.21
Avg	1.8188	
037	1.7700	-.20
003	1.7600	-.24
629	1.7250	-.37
190	1.6900	-.52
168	1.6600	-.64
652	1.6500	-.67
673	1.6500	-.67
724	1.6150	-.78
620	1.5345	-1.09
527	1.4500	-1.41
727	1.4300 R	-1.85
--	Method 011.01 --	
119	98.060 s	412.80
132	4.1150 s	8.72
596	3.2000 s	4.78
621	3.0450 s	4.12
363	2.8550 A	3.33
645	2.7000 R	2.73
--	Method 011.01 --	
651	2.6620	2.47
623	2.5448	1.98
108	2.4800 R	1.84
563	2.5000	1.82
643	2.5000	1.82
233	2.4550	1.59
205	2.3615	1.19
051	2.3550	1.15
625	2.3500	1.13
121	2.3305	1.04
110	2.2750	.84
014	2.2745	.80
144	2.2650	.76
033	2.2600	.75
358	2.2550	.74
541	2.2600	.74
148	2.2550	.72
122	2.2450	.67
171	2.2000	.62
670	2.1850	.55
559	2.2050	.52
152	2.2000	.48
300	2.1250	.48
100	2.1950	.46
658	2.1550	.40
138	2.1750	.39
175	2.1500	.34
682	2.1600	.31
229	2.1500	.28
242	2.1450	.27
021	2.1450	.25
573	2.0955	.21
185	2.1000	.14
674	2.1100	.13
633	2.1096	.10
350	2.1042	.07
Avg	2.0884	
354	2.0750	-.06
026	2.0700	-.09

* 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 011.01	--
520	2.0850	-.15
208	2.0500	-.17
202	2.0700	-.19
062	2.0440	-.27
098	2.0200	-.29
548	2.0050	-.41
164	1.9700	-.52
179	1.9675	-.53
309	1.9650	-.54
034	1.9650	-.54
160	1.9550	-.57
598	1.9200	-.73
660	1.9100	-.88
226	1.9000	-.92
723	1.8560	-1.00
650	1.8350	-1.09
722	1.8215	-1.15
710	1.8200	-1.16
591	1.7850	-1.31
510	1.8000	-1.31
039	1.7655	-1.39
552	1.7550	-1.44
728	1.7400	-1.52
647	1.7100	-1.63
294	1.7000	-1.67
529	1.6300	-1.97
675	1.6100	-2.06
--	Method 011.99	--
684	1.6950	1.18
728	1.5750	.66
Avg	1.4175	
265	1.2050	-.89
554	1.1950	-.93
--	Method 012.00	--
689	0.0100	1.29
Avg	0.0033	
354	0.0000	-.65
--	Method 012.00	--
548	0.0000	-.65
--	Method 012.01	--
686	0.5750	.87
Avg	0.3632	
185	0.1515	-.87
--	Method 012.03	--
297	0.1500	.71
--	Method 012.04	--
353	1.9750	-.71
--	Method 013.02	--
581	19.445	2.05
011	18.800	1.16
003	18.720	1.04
164	18.510	.75
033	18.465	.69
100	18.280	.46
171	18.245	.39
354	18.230	.36
675	18.170	.28
548	18.100	.23
Avg	17.974	
643	17.710	-.40
645	17.650	-.46
026	17.585	-.60
616	17.590	-.60
229	17.410	-.79
065	17.450 R	-.87
650	17.065	-1.27
510	17.050	-1.29
208	16.500	-2.05
130	14.791 s	-4.44
--	Method 013.10	--
185	19.635	1.79
660	18.905 R	1.16
096	18.850	1.01
160	18.470	.64
656	18.325	.55
652	18.350	.52
177	18.330	.50
591	17.865 R	.44
688	18.200	.38
672	18.150	.33
Avg	17.824	
610	17.550	-.27
714	17.362	-.46
062	17.258	-.57
673	17.000	-.84
353	16.310	-1.50
663	15.740	-2.06
--	Method 013.11	--
588	18.860	.71
--	Method 013.12	--
672	19.205	.71
--	Method 013.99	--
689	18.400	.71
--	Method 015.00	--
560	25.900 R	2.12
616	36.350	1.86
353	26.050	.22
Avg	25.426	
021	25.150	-.10
520	24.500	-.18
345	22.805	-.51
169	17.700	-1.30
--	Method 017.00	--
353	3.1350	1.25
Avg	2.0033	
560	1.6750	-.38
693	1.2000	-.88
--	Method 018.02	--
021	0.5000	.00
--	Method 019.00	--
647	3.7150	1.16
679	3.7750	1.07
620	3.6253	.91
689	3.6700	.55
621	3.6000	.23
Avg	3.5659	
651	3.5350	-.43
625	3.5400	-.62
623	3.5485	-.66
175	3.4750	-.95
552	3.1750	-1.98
599	2.1050 S	-7.40
681	1.3500 s	-11.22
--	Method 019.01	--
122	4.1550 s	2.37
010	4.1150	2.07
013	4.0650 R	2.05
612	4.0950	1.97
178	3.9050 R	1.55
722	3.9785	1.41
208	3.9400	1.39
687	3.9650	1.35
026	3.9400	1.22
018	3.7750 R	1.03
720	3.8900	.99
354	3.8250	.67
731	3.8150	.64
529	3.8200	.63
034	3.7800	.52
--	Method 019.01	--
004	3.7850	.49
674	3.7600	.42
505	3.7350	.38
563	3.7655	.37
036	3.7640	.36
619	3.7050	.32
038	3.7500	.29
363	3.7450	.28
205	3.7200	.24
658	3.7175	.16
Avg	3.6806	
039	3.6745	-.08
263	3.6670	-.11
152	3.6750	-.14
536	3.6605	-.15
669	3.6325	-.31
019	3.6600	-.42
108	3.6200	-.45
139	3.5900	-.49
650	3.5950	-.49
001	3.5735	-.57
620	3.5738	-.57
305	3.5600	-.66
035	3.5500	-.70
675	3.5450	-.71
014	3.5515	-.71
656	3.6800	-.73
588	3.5350	-.76
278	3.5700	-.76
233	3.5250	-.81
710	3.5200	-.83
169	3.5900	-.84
065	3.5050	-.90
142	3.4500	-1.20
098	3.4250	-1.47
307	3.4950 R	-1.64
631	3.3450	-1.71
670	3.1050	-2.85
130	3.1495 s	-3.22

* 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 019.03	--
036	3.9375	.86
307	3.8550	.81
026	3.8850	.49
Avg	3.8205	
686	3.7250	-.71
048	3.7000	-1.53
--	Method 019.05	--
089	4.3900 A	3.74
405	4.0500	1.87
598	4.0400	1.82
171	4.0150	1.65
510	3.9900	1.50
029	3.8100 R	1.33
520	3.9500	1.30
265	3.8900 R	1.29
003	3.8100	.74
100	3.7800	.69
560	3.7500	.63
682	3.8200	.54
300	3.7975	.48
187	3.7900	.37
512	3.7820	.33
185	3.7785	.30
164	3.7400	.19
407	3.7250	.03
Avg	3.7242	
242	3.7100	-.19
026	3.6790	-.26
294	3.6750	-.29
610	3.6750	-.29
083	3.6750	-.31
148	3.6650	-.33
297	3.6550	-.39
226	3.6500	-.50
413	3.7050	-.60
011	3.5857	-.78
550	3.6005	-.87
358	3.6000	-.90

Lab	Average*	Index
--	Method 019.05	--
229	3.5600	-.92
047	3.4900	-1.32
548	3.3830	-1.93
051	3.3250	-2.24
--	Method 019.08	--
729	3.8400	1.01
723	3.8450	1.00
673	3.8000	.38
607	3.7797	.30
Avg	3.7725	
689	3.6950	-1.11
138	3.6750	-1.41
590	3.5150 s	-4.11
--	Method 019.09	--
190	4.5150 S	2.73
042	4.3700 S	2.23
616	4.2700	1.84
009	4.0600	1.07
186	4.0350	.97
045	3.9400	.64
693	3.9315	.61
199	3.9080	.60
027	3.9050	.55
160	3.8047	.28
017	3.7800	.15
726	3.8100	.15
021	3.7950	.13
Avg	3.7431	
032	3.7600	-.08
106	3.7100	-.23
202	3.7700	-.37
572	3.7000	-.67
037	3.4950	-1.01
035	3.4900	-1.03
345	3.4550	-1.16
110	3.4415	-1.21
096	3.5500 R	-1.22

Lab	Average*	Index
--	Method 019.09	--
309	3.4280	-1.27
357	3.4300	-1.27
353	3.4300	-1.31
--	Method 019.99	--
588	4.8400 s	6.64
121	3.9240	1.48
028	3.7400	.67
Avg	3.6598	
629	3.6150	-.25
725	3.6100	-.36
724	3.6300	-.80
692	3.4400	-1.42
665	2.4400 s	-6.81
--	Method 020.00	--
722	4.1480	.71
--	Method 020.01	--
021	3.3500	1.53
Avg	2.0550	
045	1.8500	-.37
560	1.6700	-.60
171	1.3500	-.81
--	Method 020.99	--
616	61.350 S	.00
--	Method 021.01	--
722	3.2000	.87
Avg	1.6500	
689	0.1000	-.87
--	Method 021.02	--
510	0.5800	1.25
Avg	0.2417	
572	0.1450	-.38
616	0.0000	-.89

Lab	Average*	Index
--	Method 021.99	--
673	2.2500	.71
--	Method 022.01	--
536	20.535 s	4.12
722	16.653 R	2.37
529	14.200	1.16
038	14.000	1.05
720	13.240	.70
731	12.760	.50
354	12.675	.48
563	12.720	.46
098	12.550	.41
Avg	11.750	
656	11.630	-.13
307	11.450	-.18
278	11.250	-.23
710	10.500	-.63
305	9.8200	-.90
689	5.9500	-2.71
--	Method 022.03	--
265	26.000 s	5.78
598	19.000 s	3.77
405	18.050	2.65
187	16.865	2.19
171	14.500 R	1.42
242	13.000	.73
083	12.500	.57
550	11.969	.48
029	11.490	.30
548	11.474	.20
560	11.500	.19
407	11.200	.04
Avg	11.088	
185	11.000	-.03
413	10.600	-.19
520	10.500	-.29
229	10.500	-.29
610	9.8500	-.47

Lab	Average*	Index
--	Method 022.03	--
300	9.2600	-.72
510	9.0000	-.79
100	9.0000	-.79
026	8.3500	-1.04
358	8.1450	-1.12
226	7.5000	-1.38
297	1.5000 S	-3.65
--	Method 022.05	--
202	18.000 s	4.34
353	16.045 R	3.15
616	15.800	2.98
294	13.820	1.76
042	12.850 R	1.27
160	12.055	.72
106	11.500	.33
045	11.000	.02
357	11.000	.02
186	11.000	.02
Avg	10.974	
693	10.700	-.18
169	10.400	-.36
199	10.370	-.37
021	10.150	-.51
096	10.000	-.60
572	9.9600	-.63
037	9.9150	-.66
345	9.8700	-.68
148	9.6000	-.85
309	9.4150	-.96
--	Method 022.99	--
725	10.230	.83
Avg	10.115	
692	10.000	-.90
673	1.2500 S	-52.45

* 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. - 200733 Poultry Meal (07101)

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 025.01 --	
720	289.49	1.89
722	257.22	1.01
689	252.00	.91
098	243.90	.66
014	223.00 R	.47
529	235.80	.42
656	232.15	.34
563	225.18	.14
Avg	220.38	
038	214.50	-.22
307	214.00	-.22
710	211.50	-.25
278	199.00	-.58
354	198.50	-.60
670	170.41	-1.37
305	141.72	-2.15
--	Method 025.03 --	
405	607.50 s	19.27
265	527.00 s	16.36
413	334.50 s	6.16
560	254.50	1.93
029	245.50 R	1.86
300	248.85	1.67
520	230.50	1.07
148	232.50	.85
083	230.00	.74
610	228.50	.68
100	223.00	.40
598	217.50	.21
Avg	215.13	
187	211.80	-.16
026	210.50	-.28
510	210.00	-.29
407	206.50	-.44
229	208.00	-.46
548	210.46	-.71
226	201.50	-.79
550	205.36	-.93

Lab	Average*	Index
--	Method 025.03 --	
171	189.00	-1.32
242	186.00	-1.43
297	183.00	-1.58
--	Method 025.05 --	
572	453.50 s	6.71
037	286.20	1.68
186	274.00	1.32
294	278.42	1.31
021	264.00	1.31
042	253.00	.62
169	242.50	.26
160	243.85	.24
Avg	235.99	
199	234.90	-.12
693	225.00	-.37
616	224.50	-.39
045	225.00	-.65
353	208.50	-.88
345	207.00	-.89
106	206.50	-.92
096	215.00	-1.26
309	187.50	-1.50
--	Method 025.99 --	
692	264.00	.93
Avg	241.32	
725	221.95	-.79
673	238.00	-1.01
--	Method 026.99 --	
610	0.3750	.71
--	Method 027.01 --	
130	0.2075 s	16.90
307	0.1400	1.37
263	0.1368	1.02
098	0.1350	.99
720	0.1350	.99

Lab	Average*	Index
--	Method 027.01 --	
731	0.1350	.99
722	0.1310	.41
038	0.1310	.41
656	0.1300	.30
305	0.1300	.30
563	0.1286	.15
Avg	0.1272	
139	0.1258	-.15
650	0.1231	-.46
278	0.1250	-.58
169	0.1250	-.58
014	0.1215	-.63
529	0.1200	-.77
710	0.1150	-1.41
033	0.1020	-2.69
--	Method 027.03 --	
300	0.1435 s	4.67
226	0.1350 R	1.90
100	0.1350 R	1.90
185	0.1353	1.77
026	0.1313	1.15
265	0.1300	.91
294	0.1300	.91
187	0.1300	.91
520	0.1300	.91
598	0.1300	.91
550	0.1260 R	.85
029	0.1248 R	.82
560	0.1280	.58
610	0.1275	.51
407	0.1260	.26
Avg	0.1244	
171	0.1215	-.63
229	0.1200	-.72
242	0.1200	-.72
358	0.1200	-.72
083	0.1200	-.72
413	0.1200	-.72

Lab	Average*	Index
--	Method 027.03 --	
510	0.1200	-.72
148	0.1195	-.81
548	0.1195	-.81
297	0.1100	-2.35
405	0.0950 s	-4.85
--	Method 027.05 --	
042	0.1445	2.14
202	0.1300 R	1.22
353	0.1350	1.21
186	0.1350	1.09
693	0.1315	.75
160	0.1304	.68
009	0.1311	.66
357	0.1300	.54
021	0.1270	.30
199	0.1255	.24
616	0.1260	.24
Avg	0.1251	
045	0.1200	-.55
037	0.1200	-.55
572	0.1195	-.63
106	0.1185	-.72
309	0.1175	-.96
096	0.1150	-1.22
345	0.1150	-1.22
110	0.1095	-1.70
--	Method 027.99 --	
725	1.2900 s	188.78
692	0.1700 S	6.08
588	0.1370	.69
Avg	0.1328	
018	0.1285	-1.01
673	0.0950 S	-6.21

Lab	Average*	Index
--	Method 028.01 --	
038	10.150	1.93
307	8.4500	.95
563	8.4300	.92
731	8.4100	.91
529	7.9500	.68
098	7.7500	.55
354	7.4500	.43
Avg	6.7629	
720	6.7200	-.11
689	5.9500	-.45
656	5.8400	-.51
278	6.0000	-.69
710	5.5000	-.75
536	4.6000	-1.20
722	4.1530	-1.45
305	4.0900	-1.48
--	Method 028.03 --	
405	31.350 s	19.72
185	9.0000	1.67
083	8.5000	1.32
100	8.0000	1.18
550	8.0595	.97
171	7.9500	.89
520	7.4000	.75
598	7.5000	.61
029	7.3600	.52
560	7.0450	.32
187	7.1900	.21
242	7.0000	.05
510	7.0000	.05
148	6.9500	.04
Avg	6.9381	
407	6.6850	-.20
610	6.6500	-.26
548	6.3327	-.49
226	6.5000	-.54
297	6.0000	-.76
026	5.4500	-1.21

* 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. - 200733 Poultry Meal (07101)

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 028.03	--
229	5.5000	-1.23
265	6.0000 R	-1.78
300	3.6285	-2.70
--	Method 028.05	--
616	31.800 s	17.66
160	10.680	1.84
186	10.500	1.75
202	9.5000	1.13
357	8.0000 R	.65
693	7.9500 R	.61
042	8.6600	.57
294	8.4500	.42
345	8.3250	.34
106	8.2000	.26
Avg	7.7943	
169	7.2800	-.35
045	7.0000	-.51
572	6.9800	-.52
021	6.8000	-.64
309	6.4350	-.87
096	6.5000	-.88
353	6.3200	-.94
037	5.2850	-1.61
--	Method 028.99	--
692	8.0500	.95
Avg	6.5250	
673	5.0000	-.78
725	0.0070 S	-3.33
--	Method 029.99	--
096	0.0170	-.71
--	Method 031.01	--
599	3.0050 s	6.45
669	2.8800 s	5.24
629	2.5400	2.12
625	2.5350	2.12
--	Method 031.01	--
363	2.5150	1.86
010	2.5100	1.82
035	2.4850	1.53
065	2.4675	1.43
687	2.4500	1.29
656	2.3950 R	1.20
018	2.3900	.98
139	2.4250	.97
619	2.4000	.87
354	2.4100	.83
142	2.4000	.73
013	2.3900	.63
233	2.3650	.52
305	2.3400	.50
723	2.3565	.38
620	2.3622	.37
019	2.3600	.36
650	2.3550	.34
263	2.3554	.31
026	2.3400	.19
722	2.3225	.07
Avg	2.3225	
689	2.3150	-.08
529	2.3100	-.12
563	2.3065	-.17
205	2.3000	-.21
731	2.3100	-.22
621	2.3150	-.24
036	2.2935	-.27
001	2.3050	-.29
633	2.2895	-.31
175	2.2900	-.32
098	2.3000	-.35
588	2.2800	-.41
675	2.2750	-.45
511	2.2700	-.53
038	2.2450	-.73
108	2.2650	-.81
152	2.2500	-.83
--	Method 031.01	--
039	2.2555	-.86
670	2.2300	-.87
658	2.2320	-.88
679	2.2250	-.92
278	2.2350	-.92
651	2.2225	-.95
674	2.2750	-1.00
596	2.2000	-1.15
169	2.1800	-1.34
623	2.1821	-1.43
178	2.1650	-1.57
034	2.1950 R	-1.81
710	2.0500	-2.56
665	1.8450 s	-4.50
122	1.4700 s	-8.01
130	1.2090 s	-10.60
647	0.4500 s	-17.59
--	Method 031.02	--
505	2.3450	.98
004	2.3150	.80
011	2.3203	.71
Avg	2.3094	
014	2.2575	-1.18
--	Method 031.03	--
047	2.5100	1.26
208	2.4450	.91
006	2.4550	.83
720	2.4500	.79
026	2.3700	.22
Avg	2.3516	
504	2.3150	-.29
036	2.2390	-.90
048	2.2300	-.97
307	2.1500	-1.70
--	Method 031.05	--
405	3.3550 s	7.04
616	2.7350	2.69
190	2.6900	2.38
089	2.6700	2.23
186	2.6300	1.95
042	2.5450	1.45
598	2.5250	1.27
009	2.4920	1.00
032	2.4500	.81
160	2.4472	.76
358	2.3900 R	.75
265	2.4050	.70
027	2.4400	.68
171	2.4450	.66
300	2.3700	.58
021	2.4300	.55
693	2.4165	.52
121	2.4115	.42
560	2.4000	.34
185	2.4000	.34
202	2.4000	.34
520	2.4000	.34
512	2.3970	.32
726	2.3850	.29
610	2.3880	.25
199	2.3660	.21
106	2.3750	.19
164	2.3700	.19
045	2.3550	.18
Avg	2.3520	
294	2.3500	-.07
510	2.3400	-.16
017	2.3250	-.22
003	2.3300	-.38
148	2.3000	-.39
083	2.2950	-.40
345	2.3300	-.45
407	2.2750	-.54
029	2.3500	-.63
--	Method 031.05	--
682	2.2600	-.65
229	2.2600	-.65
242	2.2600	-.65
226	2.2700	-.67
035	2.2400	-.79
096	2.3000 R	-.79
413	2.2700	-.80
110	2.2315	-.87
297	2.2250	-.90
550	2.2395	-.91
051	2.2100	-1.01
357	2.1950	-1.12
100	2.2000	-1.15
548	2.1865	-1.16
309	2.1830	-1.19
187	2.1800	-1.21
572	2.1550	-1.39
037	2.1150	-1.67
168	2.0950	-1.81
353	2.1050 R	-1.88
--	Method 031.06	--
536	2.3000	1.38
Avg	2.1867	
686	2.1500	-.33
138	2.1100	-.70
--	Method 031.99	--
725	20.765 s	108.61
588	2.7200	2.13
729	2.4800	.73
631	2.4450	.49
724	2.3900	.20
590	2.3800	.10
Avg	2.3632	
552	2.3100	-.32
673	2.3000	-.37
028	2.3050	-.40
676	2.2415	-.74

* 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 031.99	--
692	2.0600	-1.79
--	Method 032.01	--
307	0.9600	1.42
529	0.9500	1.22
656	0.9450	1.14
354	0.9250	.86
205	0.9110	.67
278	0.9050	.62
563	0.8895	.37
650	0.8750	.17
Avg	0.8640	
305	0.8550	-.15
098	0.8600	-.29
038	0.8395	-.35
139	0.8395	-.35
720	0.8250	-.59
130	0.7890 R	-1.23
142	0.7700	-1.33
710	0.7550	-1.54
670	0.7200	-2.03
--	Method 032.02	--
731	0.9400	1.45
504	0.8860	.28
169	0.8850	.16
Avg	0.8803	
536	0.8755	-.17
665	0.8150	-1.51
108	0.6050 S	-6.42
--	Method 032.05	--
106	1.0950 s	5.20
083	1.0750 s	4.72
226	1.0550 s	4.38
693	0.9740	2.43
413	0.9300	1.41
160	0.9301	1.36
009	0.9303	1.34
--	Method 032.05	--
560	0.9305	1.34
100	0.9200	1.19
029	0.8840 R	1.13
021	0.9090	.85
242	0.9050	.75
096	0.9000	.67
148	0.8960	.54
294	0.8950	.52
037	0.8950	.52
042	0.8930	.47
610	0.8910	.41
405	0.8750	.35
186	0.8835	.34
185	0.8780	.26
187	0.8800	.16
199	0.8742	.13
510	0.8750	.12
229	0.8750	.12
Avg	0.8734	
026	0.8710	-.06
110	0.8670	-.18
572	0.8650	-.21
345	0.8600	-.39
357	0.8600	-.39
045	0.8500	-.55
297	0.8500	-.55
171	0.8495	-.59
407	0.8470	-.62
520	0.8650	-.62
616	0.8295	-1.04
550	0.8300	-1.12
358	0.8250 R	-1.40
300	0.8120	-1.46
309	0.8095	-1.50
265	0.8050	-1.64
353	0.7950	-1.84
548	0.7824	-2.13
--	Method 032.99	--
725	9.1845 S	1170.92
673	1.3250 S	59.40
692	0.9050	.71
Avg	0.9050	
--	Method 033.00	--
731	1.0250	2.61
160	0.8150	.45
588	0.7850	.15
Avg	0.7712	
309	0.7575	-.14
407	0.7550	-.17
297	0.7500	-.22
693	0.7140	-.64
689	0.7150	-.68
045	0.7150	-.68
353	0.6800	-1.02
679	0.4100 S	-3.70
618	0.0790 s	-7.08
--	Method 033.01	--
710	1.1350 s	11.52
202	1.0300 s	7.65
098	0.9050 R	2.88
278	0.8800	1.76
096	0.8700	1.43
185	0.8684	1.32
199	0.8500	.98
226	0.8550	.83
650	0.8400	.80
610	0.8500	.64
100	0.8400	.45
205	0.8355	.41
242	0.8400	.23
026	0.8350	.20
Avg	0.8339	
510	0.8250	-.34
413	0.8250	-.39
229	0.8250	-.39
--	Method 033.01	--
038	0.8200	-.65
307	0.8150	-.75
559	0.8150	-.75
354	0.8100	-.91
042	0.8070	-1.03
106	0.7720	-2.36
--	Method 033.03	--
048	0.8300	.00
144	19.295 S	.00
265	0.5100 S	.00
Avg	0.8300	
--	Method 033.99	--
630	2.0400 s	12.19
681	0.9350	.96
552	0.9200	.86
Avg	0.8412	
171	0.7600	-.85
673	0.7500	-1.06
--	Method 034.01	--
560	1.0050	.94
Avg	0.9925	
038	0.9800	-.79
--	Method 034.04	--
171	1.0550	1.24
572	1.0025	.45
Avg	0.9770	
610	0.9555	-.56
169	0.8950	-1.21
--	Method 034.05	--
309	1.0900	.71
--	Method 035.00	--
529	0.6175	1.92
307	0.6100	1.74
233	0.5950	1.39
656	0.5750 R	1.23
152	0.5850	1.15
263	0.5630	.62
720	0.5550	.56
205	0.5480	.30
Avg	0.5370	
305	0.5350	-.13
722	0.5270	-.24
354	0.5250	-.31
098	0.5250	-.31
278	0.5200	-.40
650	0.5200	-.40
670	0.5150	-.54
038	0.5130	-.57
710	0.5050	-.77
139	0.5040	-.78
142	0.4850	-1.24
130	0.4738 R	-1.62
363	0.4550	-1.95
--	Method 035.01	--
563	0.5628	.91
Avg	0.5413	
138	0.5360	-.28
647	0.5250	-1.26
--	Method 035.03	--
405	0.6900 s	3.82
520	0.6050	1.85
187	0.6000	1.70
598	0.5900	1.49
682	0.5900	1.47
693	0.5725	1.14
171	0.5755	1.14
042	0.5690	.98
550	0.5610	.83

* 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. - 200733 Poultry Meal (07101)

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 035.03 --	
037	0.5550	.66
202	0.5500	.53
021	0.5455	.43
413	0.5450	.43
186	0.5445	.40
096	0.5400	.38
148	0.5400	.30
229	0.5400	.29
610	0.5395	.29
548	0.5374	.24
083	0.5350	.21
226	0.5350	.21
100	0.5300	.06
Avg	0.5274	
110	0.5220	-.13
242	0.5200	-.17
199	0.5215	-.22
731	0.5200	-.29
045	0.5145	-.31
089	0.5100	-.41
407	0.5050	-.54
029	0.5115	-.55
185	0.5030	-.57
572	0.4970	-.72
345	0.4950	-.77
358	0.4950	-.77
297	0.4950	-.77
309	0.4825	-1.06
353	0.4750	-1.23
510	0.4540	-1.72
300	0.4665 R	-1.84
616	0.4485	-1.90
265	0.4000	-2.99
--	Method 035.05 --	
536	0.8730 S	7.28
160	0.5614	.86
294	0.5550	.72
665	0.5350	.43
--	Method 035.05 --	
504	0.5410	.43
Avg	0.5205	
108	0.4950	-.89
106	0.4355	-1.75
--	Method 035.99 --	
725	5.2685 s	74.87
588	0.6910	.90
673	0.6850	.81
Avg	0.6353	
169	0.6150	-.34
692	0.5500	-1.39
--	Method 036.00 --	
307	0.6750	1.17
Avg	0.6650	
297	0.6550	-.36
--	Method 036.03 --	
616	0.8025	1.90
169	0.7800	1.30
560	0.7715	1.08
021	0.7660	.94
693	0.7530	.69
708	0.7520	.58
171	0.7405	.32
357	0.7350	.17
Avg	0.7310	
160	0.7287	-.14
202	0.7150	-.44
345	0.7050	-.70
294	0.7000	-.82
187	0.6931	-1.01
045	0.6900	-1.12
042	0.6845	-1.25
106	0.6785	-1.40
300	0.6710 R	-1.72
353	0.6050 R	-3.42
265	0.4900 s	-6.42
--	Method 036.03 --	
550	0.1390 s	-15.75
--	Method 036.04 --	
610	0.7990	1.25
Avg	0.7580	
226	0.7450	-.41
510	0.7300	-.88
--	Method 037.01 --	
536	127.60 s	3.24
731	114.70	1.43
038	111.00 R	1.31
354	110.65	.92
563	109.21	.65
278	107.85	.57
656	105.98	.49
689	108.00	.48
098	106.65	.27
720	106.24	.22
529	105.05	.15
307	105.00	.15
Avg	104.68	
305	100.03	-.65
014	104.50	-.76
710	95.500	-1.28
722	86.212	-2.56
--	Method 037.03 --	
405	139.50 s	3.45
510	130.50	2.43
265	125.50	1.88
548	118.46	1.13
100	116.50	.88
560	109.50 R	.51
550	111.19	.48
413	112.00	.40
598	112.00	.40
185	111.50	.34
520	108.50	.28
--	Method 037.03 --	
229	110.50	.23
083	109.00	.12
Avg	108.48	
407	107.00	-.16
148	106.95	-.18
226	105.50	-.33
029	108.15	-.39
171	104.00	-.54
610	103.15	-.59
187	101.31	-.79
026	98.500	-1.13
358	98.045	-1.15
242	95.000	-1.49
300	93.370	-1.68
297	0.9350 s	-11.85
--	Method 037.05 --	
616	154.50 S	3.50
042	144.00 s	2.99
309	139.50 s	2.87
186	138.50	2.25
353	127.60	1.40
294	126.28	1.30
021	124.00	1.12
693	114.00	.46
202	112.00	.20
Avg	109.66	
357	107.00	-.22
572	106.50	-.25
106	105.50	-.38
045	104.50	-.42
169	104.50	-.42
199	103.95	-.45
160	103.13	-.58
009	101.01	-.69
037	100.20	-.74
096	99.500	-.79
345	85.970	-1.86
--	Method 037.99 --	
725	107.50	.81
692	107.00	.75
Avg	101.66	
673	95.500	-.86
018	96.650	-1.24
--	Method 038.00 --	
045	1.6000	1.38
Avg	0.8642	
510	0.5000	-.53
560	0.4925	-.55
--	Method 039.02 --	
021	4.7000	.87
Avg	2.6015	
560	0.5030	-.86
--	Method 040.00 --	
560	1.6000	-.71
--	Method 105.00 --	
160	2.1700	.71
--	Method 106.02 --	
160	95.720 s	222.01
199	1.9000	1.46
670	1.7900	1.21
610	1.4650	.45
563	1.3120	.09
Avg	1.2777	
616	1.2450	-.19
096	1.0200	-.63
560	0.7900	-1.15
038	0.6995	-1.39
--	Method 108.02 --	
560	17.250	.71

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AAFCO - Feed Check Sample No. - 200733 Poultry Meal (07101)

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 109.02	--
199	25.800	1.58
Avg	12.845	
610	10.900	-.24
560	8.5000	-.53
563	6.1813	-.81
--	Method 120.00	--
350	4.5415	1.54
676	4.5355	1.03
644	4.4620	.90
684	4.4695	.85
160	4.5027	.64
Avg	4.4536	
675	4.4200	-.42
619	4.4250	-.47
504	4.4400	-.89
571	4.3700	-1.05
652	4.3700	-1.36
--	Method 121.00	--
350	4.6065	1.66
684	4.4620	.87
619	4.5050	.78
644	4.4585	.55
676	4.4310	.23
Avg	4.4174	
675	4.3700	-.43
504	4.4050	-.67
571	4.3000	-1.09
160	4.2811	-1.22
652	4.3550	-1.31
--	Method 122.00	--
675	5.8350	1.92
619	5.6250	.93
684	5.5460	.77
350	5.4610	.17
Avg	5.4274	
571	5.3300	-.46
--	Method 122.00	--
644	5.4255	-.49
652	5.3900	-.50
676	5.2200	-1.04
160	5.2018	-1.11
504	5.2400	-1.13
--	Method 124.00	--
675	0.6950	1.32
160	0.6893	1.25
684	0.6840	1.20
652	0.5750	.16
Avg	0.5743	
504	0.5700	-.22
619	0.5125	-.68
350	0.4960	-.86
571	0.4890	-.93
644	0.4580	-1.27
--	Method 124.02	--
676	0.5100	.71
--	Method 125.00	--
684	9.3410	1.36
675	9.3100	1.11
350	9.2145	.76
644	9.0510	.63
160	9.1521	.54
Avg	9.0067	
619	8.8550	-.57
652	8.9500	-.65
676	8.8180	-.80
571	8.6450	-1.32
504	8.7300	-1.43
--	Method 126.00	--
160	6.2756	1.43
644	6.1725	.97
350	6.1435	.84
504	6.0400	.41
--	Method 126.00	--
675	6.0350	.35
684	5.9595	.20
Avg	5.9580	
619	5.8150	-.65
652	5.8250	-.73
571	5.8000	-.76
676	5.5140	-1.99
--	Method 127.00	--
675	1.7000	1.73
676	1.6415	1.24
652	1.6050	.93
571	1.5600	.58
Avg	1.5001	
350	1.4640	-.32
160	1.4415	-.51
684	1.4270	-.64
619	1.3950	-.92
504	1.3900	-.99
644	1.3775	-1.09
--	Method 128.00	--
504	2.8800 R	3.04
684	2.5360	1.11
644	2.5110	1.03
619	2.3800	.50
350	2.4115	.49
571	2.3950	.44
652	2.3650	.28
Avg	2.3227	
160	2.3050	-.11
676	2.0105	-1.60
675	1.9900	-1.70
--	Method 129.00	--
350	4.7120	1.30
684	4.6560	1.12
504	4.5700	.84
644	4.5650	.82
--	Method 129.00	--
619	4.5250	.33
Avg	4.4608	
571	4.4400	-.19
652	4.4250	-.26
675	4.3650	-.49
676	4.1685	-1.51
160	4.1814	-1.57
--	Method 130.00	--
504	4.3750	1.32
038	4.3710	1.17
644	4.2795	.93
350	4.3100	.84
160	4.2559	.39
619	4.2000	.27
Avg	4.1987	
675	4.1350	-.44
684	4.1595	-.56
571	4.1050	-.86
676	4.0700	-.89
652	3.9250	-1.89
--	Method 130.05	--
610	4.1750	-.71
--	Method 131.00	--
684	1.6150	2.02
644	1.4865	.77
676	1.4530	.45
Avg	1.4089	
160	1.3669	-.41
571	1.3650	-.46
619	1.3350	-.74
504	1.3350	-.85
652	1.3150	-.98
350	1.3055 R	-1.30
675	0.9000 s	-5.01
--	Method 132.00	--
350	2.5485	1.49
504	2.5200	1.25
644	2.4415	.66
684	2.4190	.45
619	2.4450	.33
675	2.4350	.27
Avg	2.4164	
652	2.3950	-.37
676	2.3645	-.91
571	2.3300	-1.00
160	2.2652	-1.71
--	Method 133.00	--
652	4.0150	1.26
160	4.1742	1.21
684	4.1425	1.00
619	4.0500	.50
644	4.0165	.15
Avg	3.9960	
675	3.9950	-.30
504	3.9200	-.70
571	3.8800	-1.13
676	3.7705	-1.53
--	Method 134.00	--
675	2.6850	1.89
619	2.5450	1.03
684	2.4540	.56
571	2.4150	.27
Avg	2.3918	
350	2.3765	-.12
160	2.3627	-.19
676	2.3755	-.34
644	2.3045	-.63
652	2.2250	-1.10
504	2.1750	-1.65

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AAFCO - Feed Check Sample No. - 200733 Poultry Meal (07101)

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 135.00 --		--	Method 138.00 --										
350	2.6480	1.23	504	3.0300	1.29									
684	2.6315	1.15	644	2.9860	1.09									
619	2.6100	.82	684	2.8840	.62									
644	2.5375	.54	350	2.8505	.49									
160	2.5732	.41	571	2.8200	.39									
Avg	2.5359		160	2.8377	.35									
675	2.5350	-.16	Avg	2.7635										
652	2.5100	-.28	652	2.6650	-.47									
571	2.5050	-.44	619	2.6650	-.48									
676	2.4335	-1.19	676	2.5920	-.81									
504	2.3750	-1.95	675	2.3050	-2.16									
--	Method 135.05 --		--	Method 139.00 --										
610	2.4550	.71	504	0.5600	-.71									
--	Method 136.00 --													
684	0.6770	-.71												
--	Method 136.01 --													
571	0.6720	.78												
160	0.6649	.65												
644	0.6555	.24												
Avg	0.6481													
619	0.6000	-1.56												
--	Method 136.99 --													
610	0.6235	.86												
Avg	0.5568													
504	0.4900	-.87												
--	Method 137.00 --													
504	2.0650	1.55												
684	2.0410	1.18												
644	1.9675	.51												
160	1.9510	.10												
Avg	1.9451													
675	1.8950	-.51												
350	1.8625	-.85												
676	1.8340	-1.20												

* 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. - 200733 Poultry Meal (07101)

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	0.7730	2.38	0.16	009.99	3	0.0000	1.06	0.30
001.03	4	0.0000	0.86	0.57	010.03	3	0.0000	1.11	0.08
001.07	43	-0.0525	1.27	0.30	010.11	10	0.0000	1.02	0.13
001.99	19	-0.0053	1.99	0.33	010.99	17	-0.0874	1.03	0.34
002.00	3	0.0000	1.08	0.25	011.01	71	6.1694	48.98	0.22
002.01	7	0.0000	1.03	0.13	011.99	4	0.0000	1.07	0.12
002.02	9	0.1732	1.09	0.40	012.00	3	0.0000	1.12	0.00
002.03	3	1.3160	20.37	1.01	012.01	2	0.0000	1.22	0.02
002.04	5	0.0000	1.06	0.07	013.02	20	-0.2582	1.38	0.18
002.05	17	-0.1122	1.07	0.23	013.10	16	0.0692	0.98	0.19
002.06	114	-0.4660	4.21	0.34	015.00	7	0.0114	0.94	0.82
002.08	5	0.4520	1.36	1.28	017.00	3	0.0000	1.11	0.11
002.10	9	0.0000	1.01	0.21	019.00	12	-1.5510	3.79	0.52
002.11	11	0.0000	1.01	0.18	019.01	53	-0.0058	1.04	0.48
002.99	8	0.5086	1.69	0.59	019.03	5	0.0000	0.76	0.66
003.00	32	0.6608	4.93	0.45	019.05	34	0.1516	1.13	0.39
003.06	24	-0.0128	0.90	0.48	019.08	7	-0.5025	1.61	0.85
003.09	29	0.2243	2.01	0.48	019.09	25	0.0768	1.10	0.30
003.10	34	-2.0451	10.26	1.07	019.99	8	-0.0277	3.66	0.53
003.11	11	-0.4759	1.83	0.31	020.01	4	0.0000	1.01	0.32
003.12	3	0.0000	0.88	0.57	021.01	2	0.0000	1.22	0.02
003.13	2	0.0000	0.71	0.70	021.02	3	0.0000	1.11	0.07
003.14	14	0.0724	1.00	0.29	022.01	15	0.4271	1.50	0.20
003.99	10	0.2146	1.08	0.26	022.03	24	0.2634	1.79	0.55
004.00	28	3.2792	15.05	0.68	022.05	20	0.4318	1.50	0.15
004.01	2	0.0000	1.19	0.20	022.99	3	-17.4835	30.29	0.47
004.03	2	0.0000	1.22	0.10	025.01	15	0.0048	0.98	0.17
004.06	26	0.1232	1.05	0.28	025.03	23	1.8231	5.14	1.32
004.07	34	0.3561	1.54	0.14	025.05	17	0.3943	1.84	0.46
004.11	6	0.0000	1.03	0.16	025.99	3	0.0000	0.85	0.59
004.99	3	0.0000	1.11	0.13	027.01	19	0.4511	2.18	3.36
005.00	132	-0.0773	1.10	0.43	027.03	26	0.0793	1.52	0.78
005.11	9	-0.3165	2.12	0.54	027.05	19	0.0284	0.95	0.39
005.99	14	-0.0127	0.88	0.64	027.99	5	37.7374	84.54	0.88
008.02	11	1.6324	3.75	0.14	028.01	15	0.0000	0.99	0.23
008.08	13	1.2788	3.77	0.13	028.03	23	0.8242	4.22	0.47
008.99	7	0.0000	1.01	0.25	028.05	18	0.8634	3.72	2.09
009.07	11	-0.3541	1.52	0.09	028.99	3	-1.1093	2.07	0.31
009.09	12	-0.3149	1.69	0.11	031.01	59	-0.4983	3.22	0.46

AAFCO - Feed Check Sample No. - 200733 Poultry Meal (07101)

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
031.02	4	0.0000	0.83	0.59
031.03	9	0.0000	0.99	0.27
031.05	58	0.0897	1.34	0.30
031.06	3	0.0000	0.91	0.53
031.99	11	9.8732	32.76	0.18
032.01	17	-0.0622	1.00	0.22
032.02	6	-1.0553	2.74	0.48
032.05	43	0.3089	1.54	0.36
032.99	3	410.0984	659.54	4.08
033.00	12	-0.8982	2.39	0.22
033.01	23	0.9441	2.96	0.49
033.03	3	0.0000	0.00	0.00
033.99	5	2.4345	5.51	0.43
034.01	2	0.0000	0.59	0.76
034.04	4	0.0000	0.99	0.38
035.00	21	-0.0285	1.03	0.25
035.01	3	0.0000	0.82	0.62
035.03	41	0.0581	1.16	0.25
035.05	7	1.0393	2.89	0.31
035.99	5	14.9695	33.49	0.77
036.00	2	0.0000	0.45	0.80
036.03	20	-1.3554	3.85	0.26
036.04	3	0.0000	1.08	0.25
037.01	16	0.2536	1.21	0.41
037.03	25	-0.3327	2.66	0.22
037.05	20	0.4257	1.40	0.50
037.99	4	0.0000	0.90	0.52
038.00	3	0.0000	0.93	0.51
039.02	2	0.0000	1.22	0.06
106.02	9	24.6674	74.01	0.52
109.02	4	0.0000	1.08	0.04
120.00	10	0.0000	0.76	0.66
121.00	10	0.0000	0.86	0.53
122.00	10	0.0000	0.94	0.38
124.00	9	0.0000	1.02	0.11
125.00	10	0.0000	0.89	0.49
126.00	10	0.0000	1.01	0.19
127.00	10	0.0000	1.01	0.19
128.00	10	0.2849	1.31	0.40
129.00	10	0.0000	0.95	0.38
130.00	11	0.0000	0.93	0.41
131.00	10	-0.6007	1.81	0.35
132.00	10	0.0000	0.95	0.38
133.00	9	0.0000	0.85	0.55
134.00	10	0.0000	0.95	0.36
135.00	10	0.0000	0.94	0.38
136.01	4	0.0000	1.06	0.18
136.99	2	0.0000	1.22	0.09
137.00	7	0.0000	0.89	0.50
138.00	10	0.0000	1.01	0.20