Feed Check Sample No. - 200826 Chick Starter/Grower, Medicated
Association of American Feed Control Officials

Method	AOAC 18th	Method Code	- Pass 1 Results for 217 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 216 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	11	10.4707	0.69413	0.09772	11	10.4707	0.69413	0.09772
Loss on Drying, ISO 6496		001.03	5	10.5730	0.20304	0.07000	5	10.5730	0.20304	0.07000
Loss on Drying, LECO		001.05	1	10.4000	0.00000	0.00000	1	10.4000	0.00000	0.00000
Loss on Drying, 104 deg 3 hr, in malt .	935.29	001.07	36	10.4317	0.33546	0.12547	34	10.4246	0.33904	0.10491
Loss on Drying, 102 deg 16 hr, in meat	950.46	001.08	1	10.4500	0.04243	0.06000	1	10.4500	0.04243	0.06000
Loss on Drying, Misc		001.99	15	10.4595	0.47848	0.15543	14	10.4780	0.48362	0.12367
Method Group 001.XX PCT			69	10.4540	0.42982	0.12077	66	10.4548	0.43454	0.10278
Protein, Crude	954.01	002.00	5	18.0240	0.34478	0.24000	5	18.0240	0.34478	0.24000
Protein, Auto Kjel-Foss	976.05	002.01	10	18.1071	0.30411	0.11725	9	18.1040	0.31277	0.08250
Protein, Semiauto Autoanalyzer	976.06	002.02	8	18.2438	0.65965	0.15000	9	17.9427	0.84329	0.09122
Protein, Hach Method		002.03	2	18.4925	0.14080	0.14500	2	18.4925	0.14080	0.14500
Protein, Copper Cat	984.13	002.04	4	17.8838	0.45384	0.25750	4	17.8838	0.45384	0.25750
Protein, Copper, Boric Acid		002.05	22	18.1714	0.35342	0.07600	20	18.1772	0.36773	0.05588
Protein, Combustion Nitrogen Analyzer	990.03	002.06	130	18.3902	0.31807	0.15772	122	18.3939	0.30288	0.13364
Protein, Cu/Ti	988.05	002.08	4	18.1511	0.29299	0.09575	4	18.1511	0.29299	0.09575
Protein, Block dig/distillation		002.10	8	18.0438	0.37753	0.21000	8	18.0438	0.37753	0.21000
Protein, NIR		002.11	14	17.9082	0.36797	0.17500	14	17.9082	0.36797	0.17500
Protein, Misc		002.99	4	18.3383	0.25105	0.10550	4	18.3383	0.25105	0.10550
Method Group 002.XX PCT			211	18.2805	0.37932	0.15168	199	18.2809	0.37631	0.13226
Fat, Eth Ext, Direct	920.39	003.00	29	3.90305	0.15106	0.06596	27	3.90180	0.15214	0.05158
Fat, Ind Eth Ext (13th ed), Indirect ..	920.39	003.01	1	3.14000	0.05657	0.08000	1	3.14000	0.05657	0.08000
Fat, In Fish Meal	948.04	003.04	1	3.88500	0.13435	0.19000	1	3.88500	0.13435	0.19000
Fat, Pet Ether		003.06	26	3.77267	0.18574	0.08581	26	3.77267	0.18574	0.08581
Fat, Soxtec, Eth Ext		003.09	24	3.84089	0.19074	0.05514	23	3.84376	0.19315	0.04841
Fat, Soxtec, Pet Ether		003.10	30	3.71398	0.17269	0.07820	28	3.73587	0.14890	0.06771
Fat, NIR		003.11	15	3.90620	0.24683	0.07560	15	3.90620	0.24683	0.07560
Fat, Hexane Ext.		003.12	3	3.85167	0.40231	0.05667	3	3.85167	0.40231	0.05667
Fat, Soxtec, Hexane Ext.		003.13	4	3.53950	0.20922	0.07200	4	3.53950	0.20922	0.07200
Fat, Ankom		003.14	14	3.71929	0.28033	0.12857	14	3.66214	0.31492	0.08857
Fat, Misc		003.99	8	3.79500	0.22012	0.07250	8	3.79500	0.22012	0.07250
Method Group 003.XX PCT			155	3.79768	0.22343	0.07777	149	3.80114	0.21909	0.06816
Fiber, Crude Asbestos Free	962.09	004.00	26	3.58288	0.36671	0.13310	26	3.58288	0.36671	0.13310
Fiber, Sing Filt		004.01	1	4.50000	0.14142	0.20000	1	4.50000	0.14142	0.20000
Fiber, Fritted Glass	978.10	004.03	2	3.63250	0.06702	0.09500	2	3.63250	0.06702	0.09500
Fiber, Fibertec		004.06	36	3.91250	0.34482	0.10679	34	3.91250	0.34813	0.08807
Fiber, ANKOM		004.07	43	3.54186	0.33552	0.13395	40	3.51988	0.32490	0.09925
Fiber, NIR		004.11	13	3.56528	0.24789	0.08637	13	3.56528	0.24789	0.08637
Fiber, Misc		004.99	3	3.81500	0.58435	0.17667	3	3.81500	0.58435	0.17667
Method Group 004.XX PCT			124	3.67632	0.38162	0.12184	119	3.66835	0.38201	0.10477

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Ash,	942.05	005.00	137	5.65665	0.18209	0.06407	132	5.65281	0.17876	0.05483
Ash, Sugars & Syrups	900.02	005.01	1	5.32000	0.07071	0.10000	1	5.32000	0.07071	0.10000
Ash, LECO		005.02	1	5.77500	0.00707	0.01000	1	5.77500	0.00707	0.01000
Ash, Microwave Furnace		005.03	1	5.04000	0.01414	0.02000	1	5.04000	0.01414	0.02000
Ash, NIR		005.11	8	5.41580	0.28059	0.04640	8	5.36080	0.34966	0.03640
Ash, Misc		005.99	14	5.76429	0.18122	0.07429	14	5.76429	0.18122	0.07429
Method Group 005.XX PCT			162	5.64890	0.20348	0.06370	156	5.64809	0.19921	0.05499
Sugar, TSI, Lane-Eynon (12th)	923.09	006.05	1	3.68000	0.00000	0.00000	1	3.68000	0.00000	0.00000
Fiber, Acid Detergent	973.18	008.02	13	5.26522	0.35305	0.08311	12	5.29149	0.35237	0.06503
Fiber, Acid Detergent-Hach		008.05	1	6.65000	0.07071	0.10000	1	6.65000	0.07071	0.10000
Fiber, Acid Detergent by ANKOM		008.08	21	5.14595	0.67562	0.20905	20	5.10850	0.66427	0.17900
Fiber, Acid Detergent Misc		008.99	4	4.91750	0.75725	0.21500	4	4.91750	0.75725	0.21500
Method Group 008.XX PCT			39	5.20084	0.63376	0.16488	37	5.18886	0.63520	0.14379
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	15.3071	0.35575	0.50310	1	15.3071	0.35575	0.50310
Fiber, Neutral Det-ENZ Pretreat		009.07	12	13.1766	1.82768	0.26933	12	13.1766	1.82768	0.26933
Fiber, Neutral Detergent by ANKOM		009.09	17	12.5447	0.71088	0.30000	16	12.5475	0.71569	0.24000
Fiber, Neutral Det Misc		009.99	1	12.4900	0.26870	0.38000	1	12.4900	0.26870	0.38000
Method Group 009.XX PCT			31	12.8766	1.35334	0.29726	30	12.8892	1.36937	0.26517
Moisture, Karl-Fischer	966.20	010.03	1	10.3700	0.22627	0.32000	1	10.3700	0.22627	0.32000
Moisture, NIR		010.11	10	10.9346	0.20957	0.14190	9	10.9545	0.17797	0.08322
Moisture, Misc		010.99	16	10.7841	0.38861	0.15397	15	10.7563	0.37104	0.11090
Method Group 010.XX PCT			27	10.8245	0.34408	0.15565	25	10.8122	0.33293	0.10930
Loss on Drying, 135 deg 2 hr	930.15	011.01	80	11.3099	0.29464	0.08652	75	11.3310	0.25474	0.06612
Loss on Drying, High Temp Methods, Misc		011.99	2	10.5925	0.02754	0.04500	2	10.5925	0.02754	0.04500
Method Group 011.XX PCT			82	11.2924	0.31148	0.08550	77	11.3118	0.27767	0.06557
Starch, Polarimetric (Ewers)		012.00	9	41.5261	1.34694	0.70556	8	41.3856	1.27424	0.45625
Starch, Megazyme		012.01	4	38.3313	1.16796	0.72750	4	38.3313	1.16796	0.72750
Starch, Colorimetric (GOP)		012.02	1	37.9650	0.61518	0.87000	1	37.9650	0.61518	0.87000
Starch, Enzymatic		012.03	3	39.3300	1.51394	1.31333	3	39.3300	1.51394	1.31333
Starch, YSI Analyzer		012.04	3	39.9833	1.71279	0.56667	3	39.9833	1.71279	0.56667
Starch, NIR		012.11	5	40.2730	0.95005	0.28600	5	40.2730	0.95005	0.28600
Method Group 012.XX PCT			25	40.1732	1.74639	0.68800	24	40.0700	1.68232	0.60417
Fat, Mojonnier, Bak Ext	954.02	013.02	28	4.69384	0.37872	0.13125	27	4.68750	0.38181	0.11944
Fat, Roese-Gottlieb	932.02	013.03	1	3.70500	0.12021	0.17000	1	3.70500	0.12021	0.17000
Fat, Soxtec-Acid Hydrolysis		013.10	15	4.30373	0.46893	0.13867	14	4.28150	0.47334	0.11357
Fat, Super Critical Fluid Extraction		013.11	1	4.26500	0.00707	0.01000	1	4.26500	0.00707	0.01000
Fat, NIR-Acid Hydrolysis		013.12	3	4.00000	0.22018	0.12000	3	4.00000	0.22018	0.12000
Fat, Ankon-Acid Hydrolysis		013.13	2	4.87000	0.17944	0.22000	2	4.87000	0.17944	0.22000
Fat, Pretreat or extended ext, misc		013.99	1	4.40000	0.14142	0.20000	1	4.40000	0.14142	0.20000

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Method Group 013.XX PCT			51	4.51164	0.45952	0.13598	49	4.50232	0.46336	0.12235
Aluminum, ICP		015.00	10	114.131	20.3786	4.44900	10	114.131	20.3786	4.44900
Method Group 015.XX PPM			10	114.131	20.3786	4.44900	10	114.131	20.3786	4.44900
Arsenic, AA, Hydride		016.00	1	0.05850	0.00354	0.00500	1	0.05850	0.00354	0.00500
Arsenic, ICP		016.02	1	0.06000	0.00000	0.00000	1	0.06000	0.00000	0.00000
Method Group 016.XX PPM			2	0.05925	0.00222	0.00250	2	0.05925	0.00222	0.00250
Boron, ICP		017.00	5	10.5360	1.74320	1.15200	5	10.5360	1.74320	1.15200
Boron, Misc		017.99	2	9.89000	1.55173	0.54000	2	9.89000	1.55173	0.54000
Method Group 017.XX PPM			7	10.3514	1.65865	0.97714	7	10.3514	1.65865	0.97714
Cadmium, AA		018.01	1	0.06500	0.00707	0.01000	1	0.06500	0.00707	0.01000
Cadmium, ICP		018.02	3	0.07575	0.01262	0.00317	3	0.07575	0.01262	0.00317
Method Group 018.XX PPM			4	0.07306	0.01207	0.00488	4	0.07306	0.01207	0.00488
Calcium, Ox-Mn04 Vol	927.02	019.00	13	1.05455	0.07284	0.01942	13	1.06836	0.08837	0.01811
Calcium, At Abs Spect	968.08	019.01	48	1.01588	0.05193	0.02088	45	1.02161	0.04604	0.01872
Calcium, Semiauto (Autoanalyzer)		019.03	6	1.05500	0.04145	0.01033	6	1.05500	0.04145	0.01033
Calcium, ICP, Dry Ash		019.05	40	1.02317	0.03909	0.01931	38	1.02136	0.03771	0.01532
Calcium, EDTA		019.08	6	1.06098	0.03332	0.02512	6	1.06098	0.03332	0.02512
Calcium, ICP, Wet Ash		019.09	29	1.03600	0.04749	0.02831	27	1.04035	0.04290	0.02178
Calcium, Misc		019.99	7	1.04714	0.09076	0.01429	7	1.04714	0.09076	0.01429
Method Group 019.XX PCT			149	1.02999	0.05319	0.02121	141	1.03226	0.05041	0.01773
Chromium, AA		020.00	2	1.81060	0.46538	0.29960	2	1.81060	0.46538	0.29960
Chromium, ICP		020.01	8	1.66969	0.38889	0.17063	7	1.71393	0.38040	0.11214
Chromium, Misc		020.99	1	1.96000	0.14142	0.20000	1	1.96000	0.14142	0.20000
Method Group 020.XX PPM			11	1.72170	0.38586	0.19675	10	1.75787	0.37492	0.15842
Cobalt, AA	968.08	021.01	3	1.47740	0.74662	0.12600	3	1.47740	0.74662	0.12600
Cobalt, ICP		021.02	12	0.41769	0.12033	0.05504	11	0.41020	0.11917	0.04186
Cobalt, Misc.		021.99	2	0.38418	0.06475	0.06855	2	0.38418	0.06475	0.06855
Method Group 021.XX PPM			17	0.60075	0.51451	0.06915	16	0.60705	0.52958	0.06097
Copper, AA	968.08	022.01	28	16.5781	1.01351	0.76714	27	16.5439	0.97355	0.68444
Copper, ICP, Dry Ash	968.08	022.03	29	16.1470	1.77036	0.65534	28	16.1344	1.67272	0.42875
Copper, ICP, Wet Ash	968.08	022.05	26	16.8019	1.02085	0.58231	23	16.8630	0.89847	0.39739
Copper, Misc		022.99	4	16.1486	1.10328	0.37898	4	16.1486	1.10328	0.37898
Method Group 022.XX PPM			87	16.4815	1.33873	0.65679	82	16.4743	1.27145	0.50172
Fluorine, Ion Sel Elect	975.08	023.01	1	0.00350	0.00071	0.00100	1	0.00350	0.00071	0.00100
Fluorine, Misc		023.99	1	0.00670	0.00000	0.00000	1	0.00670	0.00000	0.00000
Method Group 023.XX PCT			2	0.00510	0.00189	0.00050	2	0.00510	0.00189	0.00050
Iron, AA	968.08	025.01	25	238.117	22.7020	8.48715	24	237.913	22.7867	7.17411
Iron, ICP, Dry Ash	968.08	025.03	32	238.978	15.2105	4.91519	31	238.751	15.2744	4.36406
Iron, ICP, Wet Ash	968.08	025.05	23	237.969	22.6376	7.68148	22	236.750	22.1701	6.71245

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Iron, Misc		025.99	4	257.586	16.7994	6.08168	4	257.586	16.7994	6.08168
Method Group 025.XX PPM			84	239.332	20.1340	6.79125	81	238.890	20.0606	5.91933
Lead,		026.00	1	0.21000	0.01414	0.02000	1	0.21000	0.01414	0.02000
Lead, Misc		026.99	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Method Group 026.XX PPM			2	0.10500	0.12152	0.01000	2	0.10500	0.12152	0.01000
Magnesium, AA	968.08	027.01	24	0.18772	0.00766	0.00434	24	0.18772	0.00766	0.00434
Magnesium, ICP, Dry Ash	968.08	027.03	32	0.18751	0.00761	0.00301	26	0.18636	0.00687	0.00140
Magnesium, ICP, Wet Ash	968.08	027.05	24	0.18708	0.00942	0.00322	22	0.18572	0.00823	0.00206
Magnesium, Misc.		027.99	1	0.20000	0.00000	0.00000	1	0.20000	0.00000	0.00000
Method Group 027.XX PCT			81	0.18760	0.00823	0.00343	73	0.18680	0.00767	0.00255
Manganese, AA	968.08	028.01	27	83.4749	9.72901	2.18519	25	83.5928	9.98698	1.56001
Manganese, ICP, Dry Ash	968.08	028.03	34	85.1863	7.72799	2.76258	33	85.1162	7.77553	2.51296
Manganese, ICP, Wet Ash	968.08	028.05	27	89.5242	7.01814	4.48633	25	89.2101	6.50614	3.53324
Manganese, Misc.		028.99	6	88.1768	11.0825	2.95463	6	88.1768	11.0825	2.95463
Method Group 028.XX PPM			94	86.1316	8.68127	3.10411	89	86.0446	8.62113	2.56165
Mercury,		029.00	1	0.00350	0.00071	0.00100	1	0.00350	0.00071	0.00100
Nitrate, Misc		030.99	1	0.00840	0.00085	0.00120	1	0.00840	0.00085	0.00120
Phosphorus, Photometric	965.17	031.01	55	0.71177	0.02498	0.01061	53	0.71127	0.02430	0.00875
Phosphorus, GQMP (2.028)	964.06	031.02	6	0.71297	0.02171	0.01230	6	0.71297	0.02171	0.01230
Phosphorus, Autoanalyzer		031.03	8	0.69841	0.02461	0.00563	7	0.70247	0.02327	0.00357
Phosphorus, ICP		031.05	66	0.70862	0.03212	0.01479	61	0.70898	0.03135	0.01166
Phosphorus, Hach Method		031.06	3	0.69500	0.02429	0.02333	3	0.69500	0.02429	0.02333
Phosphorus, Misc		031.99	7	0.71143	0.05231	0.03143	8	0.72312	0.05828	0.02875
Method Group 031.XX PCT			145	0.70929	0.02999	0.01358	137	0.70953	0.02929	0.01142
Potassium, AA	975.03	032.01	22	0.82885	0.04933	0.01308	21	0.82523	0.04686	0.01037
Potassium, Flame Emission	956.01	032.02	9	0.82989	0.04834	0.03028	8	0.83863	0.03788	0.01906
Potassium, ICP		032.05	59	0.82810	0.05760	0.01180	57	0.82976	0.05758	0.01026
Potassium, Misc		032.99	1	0.82000	0.00000	0.00000	1	0.82000	0.00000	0.00000
Method Group 032.XX PCT			91	0.82837	0.05425	0.01381	87	0.82937	0.05314	0.01098
Salt, Sol Cl	943.01	033.00	18	0.64486	0.05058	0.01583	17	0.64103	0.04885	0.01324
Salt, Poten Cl	969.10	033.01	31	0.65361	0.02218	0.00544	28	0.65275	0.01804	0.00353
Salt, Quantab		033.03	7	0.61143	0.05641	0.02000	6	0.60917	0.05791	0.00833
Salt, Ion Sel Electrode		033.05	2	0.63625	0.02488	0.00550	2	0.63625	0.02488	0.00550
Salt, Misc		033.99	7	0.62493	0.06807	0.01014	7	0.62493	0.06807	0.01014
Method Group 033.XX PCT			65	0.64302	0.04392	0.01040	60	0.64127	0.04292	0.00760
Selenium, Fluor	969.06	034.01	2	0.46750	0.02317	0.03100	2	0.46750	0.02317	0.03100
Selenium, AA, Hydride		034.04	6	0.46292	0.04486	0.01650	6	0.46292	0.04486	0.01650
Selenium, ICP		034.05	3	0.45883	0.02384	0.03433	3	0.45883	0.02384	0.03433
Selenium, Misc		034.99	2	0.47250	0.03202	0.00500	2	0.47250	0.03202	0.00500

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Method Group 034.XX PPM			13	0.46415	0.03474	0.02108	13	0.46415	0.03474	0.02108
Sodium, AA		035.00	25	0.22994	0.01537	0.00910	24	0.22952	0.01500	0.00782
Sodium, Ion Sel Electrode		035.01	3	0.22517	0.01253	0.00567	3	0.22517	0.01253	0.00567
Sodium, ICP		035.03	47	0.22002	0.01346	0.00521	45	0.21839	0.01502	0.00380
Sodium, Flame Emission	956.01	035.05	12	0.22614	0.01709	0.00355	12	0.22614	0.01709	0.00355
Sodium, Misc		035.99	1	0.22000	0.00000	0.00000	1	0.22000	0.00000	0.00000
Method Group 035.XX PCT			88	0.22385	0.01499	0.00604	83	0.22386	0.01470	0.00492
Sulfur, (Gravimetric)		036.00	2	0.24500	0.03000	0.03000	2	0.24500	0.03000	0.03000
Sulfur, ICP		036.03	22	0.21830	0.02346	0.00293	21	0.21631	0.02199	0.00211
Sulfur, LECO		036.04	2	0.22000	0.01826	0.01000	2	0.22000	0.01826	0.01000
Method Group 036.XX PCT			26	0.22048	0.02425	0.00555	25	0.21890	0.02327	0.00498
Zinc, AA	968.08	037.01	31	97.9176	7.70536	2.85787	31	97.9176	7.70536	2.85787
Zinc, ICP, Dry Ash	968.08	037.03	35	97.1085	9.46585	3.49154	32	96.1720	7.94766	2.87294
Zinc, ICP, Wet Ash	968.08	037.05	27	99.5396	10.2441	4.78874	25	99.0832	10.0116	3.39504
Zinc, Misc		037.99	5	94.8146	8.16442	5.11614	5	94.8146	8.16442	5.11614
Method Group 037.XX PPM			98	97.9172	9.12879	3.73137	93	97.4635	8.52130	3.12887
Molybdenum, ICP		038.00	7	1.32071	0.06719	0.03571	7	1.32071	0.06719	0.03571
Molybdenum, Misc		038.99	1	1.50000	0.00000	0.00000	1	1.50000	0.00000	0.00000
Method Group 038.XX PPM			8	1.34313	0.08754	0.03125	8	1.34313	0.08754	0.03125
Nickel, AA		039.01	1	2.60000	0.00000	0.00000	1	2.60000	0.00000	0.00000
Nickel, ICP		039.02	5	1.88975	0.34443	0.22810	5	1.88975	0.34443	0.22810
Method Group 039.XX PPM			6	2.00813	0.41653	0.19008	6	2.00813	0.41653	0.19008
Barium, ICP		040.00	1	6.66500	0.06364	0.09000	1	6.66500	0.06364	0.09000
Vanadium, ICP		041.00	2	1.19950	0.11489	0.00050	2	1.19950	0.11489	0.00050
Method Group 041.XX PPM			2	1.19950	0.11489	0.00050	2	1.19950	0.11489	0.00050
Amprolium, Color	961.24	045.00	8	0.01242	0.00080	0.00021	7	0.01252	0.00080	0.00014
Amprolium, HPLC		045.02	8	0.01179	0.00154	0.00026	8	0.01179	0.00154	0.00026
Method Group 045.XX PCT			16	0.01211	0.00125	0.00023	15	0.01213	0.00129	0.00020
Bacitracin, Plate MeOH Ext		048.01	4	162.913	24.8424	0.57500	4	162.913	24.8424	0.57500
Method Group 048.XX G/TON			4	162.913	24.8424	0.57500	4	162.913	24.8424	0.57500
Riboflavin, Fluorometric	970.65	104.00	2	4.48500	0.92601	0.11000	2	4.48500	0.92601	0.11000
Riboflavin, HPLC		104.03	1	3.43900	0.06223	0.08800	1	3.43900	0.06223	0.08800
Method Group 104.XX MG/LB			3	4.13633	0.89835	0.10267	3	4.13633	0.89835	0.10267
Thiamine, HPLC		105.00	2	9.40500	7.83092	0.90000	2	9.40500	7.83092	0.90000
Thiamine,	942.23	105.01	1	2.49500	0.16263	0.23000	1	2.49500	0.16263	0.23000
Method Group 105.XX MG/LB			3	7.10167	7.03791	0.67667	3	7.10167	7.03791	0.67667
Vitamin A, Color	974.29	106.00	1	4.45000	0.35355	0.50000	1	4.45000	0.35355	0.50000
Vitamin A, HPLC		106.02	14	2.38757	0.70119	0.28714	13	2.34969	0.69891	0.22923
Method Group 106.XX KU/LB			15	2.52507	0.85782	0.30133	14	2.49971	0.87198	0.24857

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 217 Labs -				- Pass 2 Results for 216 Labs -			
Vitamin D3, HPLC		108.02	2	1.27250	0.04992	0.06500	2	1.27250	0.04992	0.06500
Method Group 108.XX KU/LB			2	1.27250	0.04992	0.06500	2	1.27250	0.04992	0.06500
Vitamin E, HPLC		109.02	8	26.3731	16.1655	0.79625	7	25.8536	17.2829	0.39286
Vitamin E, Misc		109.99	1	25.5000	2.12132	3.00000	1	25.5000	2.12132	3.00000
Method Group 109.XX MG/KG			9	26.2761	15.1962	1.04111	8	25.8094	16.0992	0.71875
Alanine, Post-col Ninhydrin Der	994.12	120.00	9	0.98644	0.02862	0.01667	9	0.98644	0.02862	0.01667
Method Group 120.XX PCT			9	0.98644	0.02862	0.01667	9	0.98644	0.02862	0.01667
Arginine, Post-col Ninhydrin Der	994.12	121.00	9	1.16041	0.07380	0.03312	9	1.16041	0.07380	0.03312
Method Group 121.XX PCT			9	1.16041	0.07380	0.03312	9	1.16041	0.07380	0.03312
Aspartic, Post-col Ninhydrin Der	994.12	122.00	9	1.67412	0.05723	0.04419	9	1.67412	0.05723	0.04419
Method Group 122.XX PCT			9	1.67412	0.05723	0.04419	9	1.67412	0.05723	0.04419
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	10	0.31264	0.04570	0.00885	9	0.30182	0.03269	0.00650
Cysteine/Cystine, PAO Pre-col AQC Der .		124.05	1	0.29500	0.00707	0.01000	1	0.29500	0.00707	0.01000
Method Group 124.XX PCT			11	0.31103	0.04381	0.00895	10	0.30114	0.03104	0.00685
Glutamic, Post-col Ninhydrin Der	994.12	125.00	10	3.21516	0.18561	0.06123	10	3.21516	0.18561	0.06123
Method Group 125.XX PCT			10	3.21516	0.18561	0.06123	10	3.21516	0.18561	0.06123
Glycine, Post-col Ninhydrin Der	994.12	126.00	9	0.93802	0.04696	0.02449	9	0.93802	0.04696	0.02449
Method Group 126.XX PCT			9	0.93802	0.04696	0.02449	9	0.93802	0.04696	0.02449
Histidine, Post-col Ninhydrin Der	994.12	127.00	10	0.47785	0.03678	0.00968	10	0.47785	0.03678	0.00968
Method Group 127.XX PCT			10	0.47785	0.03678	0.00968	10	0.47785	0.03678	0.00968
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	9	0.67961	0.02905	0.02197	9	0.67961	0.02905	0.02197
Method Group 128.XX PCT			9	0.67961	0.02905	0.02197	9	0.67961	0.02905	0.02197
Leucine, Post-col Ninhydrin Der	994.12	129.00	9	1.50606	0.04486	0.04094	9	1.50606	0.04486	0.04094
Method Group 129.XX PCT			9	1.50606	0.04486	0.04094	9	1.50606	0.04486	0.04094
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	13	0.89510	0.05671	0.02148	13	0.89510	0.05671	0.02148
L-Lysine, Pre-col OPA Der		130.01	1	0.95500	0.00707	0.01000	1	0.95500	0.00707	0.01000
L-Lysine, Pre-col AQC Der		130.05	2	0.92000	0.12884	0.11000	2	0.92000	0.12884	0.11000
Method Group 130.XX PCT			16	0.90196	0.06681	0.03183	16	0.90196	0.06681	0.03183
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	11	0.28923	0.02929	0.00657	11	0.28923	0.02929	0.00657
Methionine, PAO Pre-col AQC Der		131.05	2	0.31250	0.02062	0.00500	2	0.31250	0.02062	0.00500
Methionine, Misc		131.99	2	0.22650	0.02087	0.01700	2	0.22650	0.02087	0.01700
Method Group 131.XX PCT			15	0.28397	0.03604	0.00775	15	0.28397	0.03604	0.00775
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	10	0.83916	0.09559	0.02227	10	0.83916	0.09559	0.02227
Method Group 132.XX PCT			10	0.83916	0.09559	0.02227	10	0.83916	0.09559	0.02227
Proline, Post-col Ninhydrin Der	994.12	133.00	9	1.16743	0.06811	0.02828	9	1.16743	0.06811	0.02828
Method Group 133.XX PCT			9	1.16743	0.06811	0.02828	9	1.16743	0.06811	0.02828
Serine, Post-col Ninhydrin Der	994.12	134.00	10	0.84942	0.09737	0.03115	10	0.84942	0.09737	0.03115
Method Group 134.XX PCT			10	0.84942	0.09737	0.03115	10	0.84942	0.09737	0.03115
Threonine, Post-col Ninhydrin Der	994.12	135.00	10	0.66070	0.02681	0.02455	10	0.66070	0.02681	0.02455

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 217 Labs -				- Pass 2 Results for 216 Labs -			
Method Group 135.XX PCT			10	0.66070	0.02681	0.02455	10	0.66070	0.02681	0.02455
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	1	0.21500	0.00566	0.00800	1	0.21500	0.00566	0.00800
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	4	0.22354	0.02041	0.00823	4	0.22354	0.02041	0.00823
Tryptophan, Misc		136.99	2	0.20100	0.00808	0.00600	2	0.20100	0.00808	0.00600
Method Group 136.XX PCT			7	0.21588	0.01861	0.00756	7	0.21588	0.01861	0.00756
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	6	0.61319	0.09832	0.01102	6	0.61319	0.09832	0.01102
Method Group 137.XX PCT			6	0.61319	0.09832	0.01102	6	0.61319	0.09832	0.01102
Valine, Post-col Ninhydrin Der	994.12	138.00	9	0.81334	0.05049	0.01866	9	0.81334	0.05049	0.01866
Method Group 138.XX PCT			9	0.81334	0.05049	0.01866	9	0.81334	0.05049	0.01866
Taurine, Post-col Ninhydrin Der	994.12	139.00	1	0.04000	0.00000	0.00000	1	0.04000	0.00000	0.00000
Lysine, Free (Available)	975.44	140.00	1	0.86550	0.08839	0.12500	1	0.86550	0.08839	0.12500

AAFCO - Feed Check Sample No. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 001.00	--
504	11.700	1.77
596	11.450	1.41
169	10.820	.51
720	10.760	.42
733	10.500	.08
Avg	10.471	
722	10.277	-.28
309	10.265	-.31
029	10.240	-.35
844	10.170	-.44
016	9.8400	-.91
784	9.1550	-1.90
560	9.0700 S	-2.18
509	7.8600 S	-3.76
--	Method 001.03	--
663	10.800	1.12
567	10.700	.80
688	10.600	.13
Avg	10.573	
686	10.510	-.33
731	10.255	-1.58
--	Method 001.05	--
610	10.400	.00
--	Method 001.07	--
089	10.925	1.48
278	10.900	1.45
199	10.860	1.29
413	10.800	1.15
559	10.800	1.13
048	10.790	1.08
607	10.773	1.03
550	10.730	.93
178	10.550 R	.82
307	10.555 R	.77
581	10.670	.73
049	10.665	.71

Lab	Average*	Index
--	Method 001.07	--
139	10.655	.68
098	10.590	.68
571	10.535	.33
616	10.480	.31
171	10.500	.25
035	10.505	.24
669	10.430	.21
Avg	10.425	
588	10.405	-.23
849	10.410	-.24
038	10.335	-.27
142	10.400	-.30
693	10.388	-.41
015	10.340	-.43
083	10.275	-.45
187	10.235	-.56
014	10.290	-.62
297	10.215	-.63
065	10.200	-.66
679	10.150	-.82
074	10.065	-1.06
689	10.000	-1.25
609	9.8500	-1.70
591	9.6850	-2.20
045	9.5850	-2.48
845	9.3800 s	-3.57
366	8.8500 s	-4.65
675	3.6650 s	-19.94
--	Method 001.08	--
676	89.128 S	1854.46
590	10.450	.71
Avg	10.450	
--	Method 001.99	--
665	11.265	1.63
357	10.950	.98
615	10.865	.80
505	10.705	.55

Lab	Average*	Index
--	Method 001.99	--
729	10.685	.44
672	10.585	.32
631	10.590	.25
619	10.550	.18
638	10.530	.11
405	10.515	.08
Avg	10.478	
299	10.347	-.27
096	10.200 R	-.85
536	9.9100	-1.18
630	9.7350	-1.62
541	9.4600	-2.11
681	9.7450 s	-2.76
--	Method 002.00	--
845	19.615 s	5.29
015	18.490	1.38
028	18.120	.34
Avg	18.024	
679	18.010	-.24
199	17.935	-.42
826	17.565	-1.50
--	Method 002.01	--
848	21.430 s	10.63
716	18.350	.92
710	18.335	.74
613	18.135 R	.69
652	18.300	.63
607	18.294	.62
672	18.275	.58
731	18.190	.30
Avg	18.104	
723	17.985	-.38
714	17.773	-1.06
299	17.434	-2.15

Lab	Average*	Index
--	Method 002.02	--
048	19.240	1.54
297	19.095	1.37
307	18.250 R	.47
187	18.330	.46
669	18.160	.28
042	17.960	.12
Avg	18.243	
043	17.710	-.28
169	17.205	-.88
036	16.935 S	-1.20
152	16.850 S	-1.30
--	Method 002.03	--
681	18.585	.99
Avg	18.493	
536	18.400	-.72
--	Method 002.04	--
509	24.355 S	14.26
504	18.280	1.08
638	18.205	.74
Avg	17.884	
596	17.750	-.31
405	17.300	-1.30
--	Method 002.05	--
591	18.990	2.21
621	18.990	2.21
847	18.510	.92
194	18.465	.78
674	18.365	.56
083	18.350	.49
552	18.280	.29
625	18.190	.06
354	18.190	.04
663	18.180	.01
Avg	18.177	
350	18.171	-.02
849	18.115	-.17

Lab	Average*	Index
--	Method 002.05	--
039	18.061	-.32
689	18.150 R	-.41
179	18.077 R	-.44
178	18.000	-.55
620	17.888	-.80
722	17.821	-.97
651	17.805	-1.02
596	17.750	-1.17
658	17.721	-1.24
622	17.703	-1.29
852	16.300 s	-5.11
--	Method 002.06	--
554	20.395 s	6.61
616	19.755 s	4.50
122	19.110 s	2.86
815	19.235	2.79
413	19.000 R	2.23
004	19.030	2.11
511	18.995	2.11
363	19.030	2.10
738	18.930	1.78
029	18.850	1.51
185	18.830	1.44
190	18.800	1.34
541	18.750	1.33
529	18.785	1.30
712	18.775	1.29
646	18.775	1.28
032	18.700	1.21
001	18.735	1.18
300	18.575 R	1.14
014	18.725	1.10
670	18.710	1.06
233	18.680	1.00
769	18.695	1.00
003	18.475 R	.91
793	18.455 R	.90
164	18.660	.88

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 002.06	--
682	18.660	.88
037	18.630	.80
799	18.625	.77
645	18.600	.76
824	18.600	.76
598	18.475	.73
615	18.465	.72
734	18.595	.71
609	18.515	.70
011	18.605	.70
002	18.600	.69
692	18.600	.68
672	18.600	.68
098	18.600	.68
630	18.595	.67
074	18.580	.64
782	18.580	.63
179	18.540	.62
660	18.565	.57
142	18.550	.54
175	18.550	.54
065	18.555	.53
733	18.495	.53
520	18.430	.51
229	18.535	.50
357	18.530	.46
650	18.510	.41
051	18.435	.37
138	18.495	.35
726	18.488	.34
505	18.440	.33
358	18.485	.30
121	18.470	.30
687	18.475	.28
144	18.470	.27
811	18.460	.26
160	18.465	.24
571	18.405	.22
038	18.460	.22

Lab	Average*	Index
--	Method 002.06	--
036	18.455	.20
199	18.400	.20
512	18.415	.16
089	18.430	.12
047	18.400	.02
Avg	18.394	
693	18.370	-.08
589	18.370	-.15
035	18.340	-.18
110	18.335	-.20
205	18.365	-.21
026	18.315	-.27
742	18.370	-.28
016	18.300	-.31
106	18.300	-.31
610	18.300	-.31
096	18.325	-.34
263	18.289	-.35
202	18.285	-.36
751	18.270	-.43
171	18.300	-.45
619	18.300	-.45
647	18.380	-.46
021	18.250	-.48
417	18.250	-.49
017	18.230	-.58
242	18.220	-.58
132	18.215	-.59
294	18.215	-.59
822	18.215	-.59
504	18.350	-.61
042	18.220	-.62
843	18.355	-.62
550	18.193	-.67
777	18.180	-.71
278	18.200	-.72
590	18.175	-.76
027	18.165	-.77
019	18.330	-.79

Lab	Average*	Index
--	Method 002.06	--
013	18.285	-.80
573	18.390 R	-.86
100	18.335	-.86
309	18.150	-.90
720	18.240	-.94
139	18.105	-.95
786	18.160	-.95
574	18.120	-.97
226	18.100	-1.03
676	18.179	-1.07
108	18.080	-1.08
010	18.065	-1.09
539	18.090	-1.10
034	18.050	-1.14
508	18.109	-1.16
009	18.040	-1.17
045	18.200 R	-1.18
567	18.000	-1.30
366	18.100 R	-1.39
407	17.900	-1.63
049	17.896	-1.68
588	17.865	-1.75
784	17.860	-1.78
559	17.825	-1.88
673	17.800	-1.99
212	17.815	-2.08
596	17.750	-2.13
510	17.750	-2.13
148	17.690	-2.32
686	17.475 A	-3.06
168	16.960 s	-4.99
265	16.250 s	-7.08
--	Method 002.08	--
062	18.510	1.29
610	18.300	.51
Avg	18.151	
160	17.945	-.71
208	17.850	-1.04

Lab	Average*	Index
--	Method 002.10	--
675	21.855 s	10.10
629	18.500	1.22
546	18.175	.76
619	18.300	.68
727	18.230	.51
688	18.200	.41
Avg	18.044	
596	17.750	-.79
631	17.780	-.80
729	17.415	-1.81
--	Method 002.11	--
032	19.450 s	4.19
713	18.415	1.38
724	18.290	1.04
727	18.160	.81
731	18.185	.78
553	18.090	.73
665	18.110	.55
567	17.950	.42
688	18.000	.37
588	17.955	.20
Avg	17.908	
672	17.740	-.46
011	17.800	-.62
631	17.465	-1.21
178	17.300	-1.68
297	17.255	-1.79
--	Method 002.99	--
305	18.640	1.29
006	18.448	.46
Avg	18.338	
724	18.220	-.50
706	18.045	-1.17

Lab	Average*	Index
--	Method 003.00	--
849	6.2950 s	15.74
848	4.0500 s	4.57
015	4.3600 s	3.15
194	4.2650	2.39
039	4.1045	1.40
033	4.0650	1.10
142	3.9500 R	1.04
307	4.0500	1.03
726	4.0556	1.03
265	4.0450	.94
139	4.0100	.71
175	3.9250	.52
613	3.9650	.42
032	3.9600	.40
212	3.9250	.39
309	3.9400	.36
Avg	3.9018	
164	3.9000	-.07
048	3.8900	-.08
190	3.9000	-.26
615	3.8700	-.29
017	3.8850	-.32
596	3.8500	-.47
509	3.8250	-.51
106	3.8200	-.54
035	3.8150	-.57
354	3.8100	-.62
152	3.8000	-.67
132	3.8900 R	-.73
187	3.7750	-.91
512	3.7435	-1.04
026	3.5950	-2.02
616	3.5600	-2.25
--	Method 003.01	--
504	3.1400	.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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 003.04	--
681	3.8850	.71
--	Method 003.06	--
574	5.4100 s	8.86
621	5.2750 s	8.09
074	4.0550	1.66
688	4.0500	1.52
511	3.9950	1.37
689	4.0000	1.34
552	4.0150	1.30
229	3.9200	.80
199	3.9050	.72
588	3.8700	.68
559	3.8150	.56
852	3.8000	.56
148	3.8150	.23
122	3.8050	.19
567	3.8000	.15
Avg	3.7727	
658	3.7595	-.26
083	3.7500	-.30
169	3.7050	-.37
294	3.6950	-.42
731	3.6850	-.47
669	3.6850	-.51
009	3.6950	-.51
305	3.6650	-.61
647	3.6600	-.66
297	3.5950	-.97
625	3.5350	-1.28
682	3.4800	-1.58
185	3.3350	-2.37
--	Method 003.09	--
675	13.685 s	50.95
714	4.5240 s	3.70
722	4.2368	2.06
651	4.0655	1.16
358	4.0550	1.09
--	Method 003.09	--
590	4.0150	.89
510	4.0000	.81
620	3.9640	.62
038	3.9350	.61
723	3.9200	.42
638	3.9000	.29
226	3.8500	.26
508	3.8816	.20
350	3.8620	.10
630	3.8550	.06
Avg	3.8438	
354	3.8200	-.12
004	3.8300	-.13
554	3.8300	-.37
098	3.7800	-.39
674	3.7650	-.53
263	3.7317	-.58
505	3.7750 R	-.65
673	3.7000	-.74
121	3.5300	-1.62
001	3.5000	-1.78
013	3.3800	-2.41
--	Method 003.10	--
720	4.4950 s	5.11
591	4.4750 s	5.09
242	4.0250	1.96
679	4.0100	1.84
727	3.8950	1.21
676	3.9130	1.19
233	3.9100	1.17
045	3.8500	.84
672	3.8000	.80
623	3.8443	.73
034	3.8000	.45
062	3.7475	.41
366	3.7500	.35
178	3.7500	.35
693	3.7850	.34
--	Method 003.10	--
520	3.7550	.16
607	3.7587	.15
Avg	3.7359	
598	3.7300	-.04
573	3.7060	-.31
042	3.6850	-.36
619	3.6550	-.59
100	3.6350	-.70
098	3.6400	-.80
089	3.6150	-.81
208	3.6150	-.82
629	3.6100	-.94
160	3.5800	-1.05
363	3.5800	-1.05
202	3.5750	-1.14
596	3.5500 R	-1.60
051	3.3850	-2.44
609	3.2650 A	-3.20
--	Method 003.11	--
713	4.2900	1.60
724	4.2700	1.52
665	4.1450	.97
553	4.1350	.95
727	4.0930	.77
567	4.0000	.38
Avg	3.9062	
178	3.9000	-.03
731	3.8800	-.16
297	3.8500	-.26
032	3.8500	-.30
011	3.7500	-.66
588	3.7000	-.84
672	3.6600	-1.01
688	3.6000	-1.24
631	3.4700	-1.77
--	Method 003.12	--
670	4.3550	1.26
Avg	3.8517	
171	3.7000	-.38
357	3.5000	-.87
--	Method 003.13	--
028	3.7250	.89
205	3.6780	.68
Avg	3.5395	
660	3.5200	-.17
011	3.2350	-1.49
--	Method 003.14	--
185	4.1550	1.59
021	4.1400	1.52
108	3.8400 R	1.28
413	3.9000	.82
019	3.9050	.77
049	3.7400	.38
550	3.7700	.37
581	3.7550	.32
Avg	3.7100	
686	3.6350	-.09
278	3.5500	-.39
175	3.5150	-.47
144	3.5000	-.52
407	3.4250	-.77
529	3.2400	-1.34
110	3.0400 S	-1.99
--	Method 003.99	--
536	6.6700 s	13.07
724	4.3250 S	2.76
706	4.0500	1.18
631	3.9550	.82
646	3.9050	.50
738	3.8600	.30
Avg	3.7950	
047	3.7900	-.02
--	Method 003.99	--
712	3.7850	-.25
847	3.7000	-.45
546	3.3150	-2.19
--	Method 004.00	--
596	4.7500 s	3.19
265	4.3300	2.06
171	4.0500	1.32
559	3.9450	.99
647	3.9100	.97
511	3.8500	.74
509	3.8200	.65
190	3.7800	.54
208	3.7500	.53
226	3.7500	.48
015	3.6500	.45
726	3.7198	.38
309	3.5850	.34
510	3.6500	.23
169	3.6550	.20
354	3.6250	.13
034	3.5950	.08
Avg	3.5829	
175	3.5500	-.16
194	3.5050	-.22
009	3.4100	-.47
504	3.4250	-.57
042	3.3550	-.62
199	3.4600	-.66
048	3.1750	-1.11
132	3.1150	-1.33
164	2.9000	-1.88
826	2.5950	-2.70
--	Method 004.01	--
693	4.8950 S	3.95
366	4.5000	.71
Avg	4.5000	

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AAFCO - Feed Check Sample No. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 004.03 --	
045	12.450 S	131.62
679	3.6650	.95
Avg	3.6325	
619	3.6000	-.77
--	Method 004.06 --	
588	4.7700	2.46
178	4.5000	1.71
552	4.4900	1.66
720	4.4500	1.57
609	4.3800	1.35
621	4.2700	1.03
845	4.2250	.90
638	4.1000 R	.79
625	4.1450	.68
672	4.0500	.58
205	4.0500	.46
670	4.0450	.39
607	4.0193	.36
716	4.0300	.36
029	3.9600	.27
591	3.9900	.24
Avg	3.9125	
723	3.8650	-.17
350	3.8483	-.19
512	3.8810	-.30
676	3.8510	-.30
849	3.7500	-.47
673	3.7500	-.49
710	3.7300	-.53
722	3.7322	-.53
590	3.7150	-.57
674	3.7250	-.59
848	3.6550	-.75
688	3.6500	-.77
354	3.6250	-.83
098	3.7250 R	-.84
620	3.6004	-.90
651	3.5980	-.90

Lab	Average*	Index
--	Method 004.06 --	
610	3.5500	-1.05
731	3.5150	-1.15
689	3.4000	-1.47
598	3.2100	-2.02
--	Method 004.07 --	
096	4.0000 R	1.74
144	4.0400	1.66
074	3.8650 R	1.50
669	3.9700	1.41
610	3.9500	1.33
019	3.9500	1.33
229	3.9000	1.17
042	3.8550	1.14
554	3.8500	1.12
581	3.8650	1.10
294	3.8750	1.09
003	3.8250	.97
682	3.8000	.86
536	3.6400 R	.85
185	3.7850	.82
646	3.7100	.78
278	3.7500	.72
089	3.6900	.52
567	3.6400	.37
708	3.5750	.22
686	3.5550	.15
Avg	3.5199	
035	3.5150	-.02
529	3.4650	-.17
098	3.4550	-.20
242	3.4300	-.28
033	3.4250	-.34
407	3.4100	-.34
520	3.4450	-.48
307	3.4000	-.48
122	3.3750	-.49
013	3.3650	-.50
004	3.3550	-.52

Lab	Average*	Index
--	Method 004.07 --	
021	3.3500	-.55
026	3.3200	-.62
028	3.3500	-.70
110	3.2850	-.74
032	3.2550	-.82
505	3.2250	-.91
413	3.2000	-.98
121	3.0600	-1.42
631	2.8850	-1.96
160	2.8550	-2.05
202	2.7850	-2.26
--	Method 004.11 --	
724	4.4250 s	3.49
032	4.2000	2.56
178	3.9000	1.35
553	3.5800	.57
731	3.6700	.49
665	3.5950	.13
Avg	3.5653	
727	3.5086	-.24
672	3.4650	-.41
713	3.4650	-.43
567	3.5000	-.48
688	3.4000	-.67
588	3.3950	-.72
631	3.3700	-.79
011	3.3000	-1.14
--	Method 004.99 --	
613	4.5550	1.30
Avg	3.8150	
629	3.4500	-.63
724	3.4400	-.65
--	Method 005.00 --	
852	6.3500 s	3.91
108	5.9350 R	2.05
048	5.9850 R	1.95

Lab	Average*	Index
--	Method 005.00 --	
676	5.9890	1.88
139	5.9600	1.72
588	5.9600	1.72
142	5.9500	1.69
619	5.9400	1.62
720	5.9300	1.56
187	5.9250	1.52
504	5.9150	1.49
510	5.9150	1.47
726	5.9140	1.46
590	5.9100	1.45
229	5.9100	1.44
307	5.9000	1.39
621	5.8950	1.36
591	5.8600	1.19
629	5.8650	1.19
688	5.8500	1.14
672	5.8500	1.14
622	5.8386	1.04
731	5.8250	1.03
265	5.8250	.97
679	5.8150	.93
132	5.8000	.89
015	5.6650 R	.87
651	5.8020	.84
682	5.8000	.82
567	5.8000	.82
710	5.7950	.80
038	5.7800	.76
185	5.7800	.71
729	5.7800	.71
294	5.7800	.71
669	5.7750	.70
631	5.7600	.64
722	5.7670	.64
363	5.7650	.63
413	5.7000	.62
620	5.7625	.62
062	5.7495	.61

Lab	Average*	Index
--	Method 005.00 --	
226	5.7500	.61
638	5.7600	.61
029	5.7550	.60
660	5.7300	.58
693	5.7500	.57
144	5.7350	.55
559	5.7450	.52
035	5.7400	.49
742	5.7350	.46
822	5.7250	.45
845	5.7200	.44
712	5.6950	.43
848	5.7150	.40
505	5.7200	.38
305	5.7200	.38
689	5.7100	.34
407	5.6800	.32
004	5.6600	.28
357	5.7000	.26
647	5.7000	.26
089	5.7000	.26
065	5.6950	.24
278	5.6850	.23
171	5.6600	.23
148	5.6900	.22
098	5.6800	.19
646	5.6750	.19
083	5.6750	.19
661	5.6850	.18
623	5.6764	.15
350	5.6530	.13
849	5.6750	.13
658	5.6665	.08
354	5.6550	.03
Avg	5.6528	
529	5.6500	-.02
160	5.6400	-.09
782	5.6350	-.10
769	5.6300	-.14

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 005.00 --	
616	5.6450	-.15
152	5.6300	-.17
674	5.6100	-.24
784	5.6150	-.25
297	5.6500	-.28
366	5.6500	-.28
175	5.6050	-.30
205	5.6005	-.33
723	5.5950	-.33
100	5.5900	-.36
034	5.6150	-.37
613	5.5800	-.42
358	5.5850	-.43
138	5.5750	-.46
650	5.5700	-.46
815	5.6300	-.47
121	5.5650	-.49
550	5.5625	-.51
684	5.5600	-.52
539	5.5600	-.55
630	5.5650	-.55
199	5.5550	-.56
242	5.5500	-.58
670	5.5500	-.59
607	5.5442	-.61
686	5.5900	-.61
178	5.6000	-.63
045	5.5500	-.64
596	5.5500	-.64
609	5.5700 R	-.82
179	5.5100	-.86
520	5.6350 R	-.87
552	5.4950	-.88
625	5.4950	-.88
049	5.5100	-.89
541	5.4950	-.90
734	5.4900	-.92
733	5.4950	-.92
309	5.4500	-1.17
--	Method 005.00 --	
548	5.4604	-1.21
164	5.4350	-1.22
598	5.4300	-1.25
033	5.4200	-1.30
202	5.4200	-1.33
021	5.4100	-1.40
675	5.3950	-1.44
751	5.3950	-1.46
051	5.3950	-1.47
194	5.3650	-1.61
110	5.3500	-1.69
019	5.3500	-1.72
811	5.3450	-1.73
299	5.3400	-1.76
417	5.2800	-2.10
615	5.2200	-2.42
777	5.2150	-2.48
169	5.1950	-2.56
001	5.1550	-2.78
799	4.8800 s	-4.48
--	Method 005.01 --	
826	5.3200	-.71
--	Method 005.02 --	
610	5.7750	-.71
--	Method 005.03 --	
738	5.0400	.71
--	Method 005.11 --	
688	5.8000	1.26
672	5.6500	.83
588	5.6500	.83
178	5.6000	.68
Avg	5.4423	
731	5.2300 R	-.47
631	5.1900	-.50
665	5.1600	-.58
--	Method 005.11 --	
727	5.0464	-.90
724	4.7900 S	-1.64
713	4.6000 S	-2.19
--	Method 005.99 --	
122	6.1950	2.38
724	5.9200	.87
727	5.8900	.70
096	5.8000	.59
716	5.8500	.55
536	5.8300	.40
652	5.8000	.20
Avg	5.7643	
673	5.7000	-.35
847	5.7100	-.53
208	5.6650	-.69
681	5.6250	-.77
574	5.6750	-.80
706	5.5300	-1.29
663	5.5100	-1.40
--	Method 006.05 --	
710	3.6800	.00
--	Method 008.02 --	
613	6.9300 s	4.65
179	6.1150	2.34
171	5.5950	.87
187	5.5200	.65
045	5.4750	.53
148	5.3350	.12
038	5.3050	.06
Avg	5.2915	
226	5.2500	-.18
098	5.2000	-.34
619	4.9600	-.96
726	4.9529	-.96
083	4.9500 R	-1.06
309	4.9050	-1.10
--	Method 008.02 --	
504	4.8850	-1.17
405	2.7500 s	-7.22
--	Method 008.05 --	
265	6.6500	-.71
--	Method 008.08 --	
299	7.6517 S	3.84
510	6.8500	2.63
106	6.4500	2.03
001	5.8950 R	1.33
536	5.7600	1.06
278	5.4000	.46
049	5.2700	.35
596	5.2500	.31
581	5.2200	.20
037	5.1250	.16
Avg	5.1085	
164	5.0500	-.12
693	5.0400	-.14
026	5.0600	-.17
202	5.1050	-.19
357	4.9000	-.31
033	4.9350	-.40
413	4.7000	-.61
004	4.6250	-.73
185	4.5400	-.86
294	4.4850	-.94
160	4.4350	-1.02
686	3.9700	-1.71
--	Method 008.99 --	
307	5.5500	.86
646	5.2900	.50
297	5.0900	.25
Avg	4.9175	
358	3.7400	-1.57
--	Method 009.04 --	
504	16.980 S	6.30
726	15.307	.71
Avg	15.307	
--	Method 009.07 --	
613	16.605	1.88
309	15.060	1.03
307	14.900	.94
083	14.050	.48
226	13.650	.27
297	13.180	.08
Avg	13.177	
663	12.885	-.16
045	12.450	-.42
187	12.350	-.46
693	12.180	-.55
098	11.165	-1.12
179	9.6440	-1.93
--	Method 009.09 --	
299	19.497 s	9.96
510	13.850	1.85
106	13.560	1.41
596	13.550	1.40
265	13.000	.65
202	12.680	.47
536	12.585	.40
164	12.700	.25
294	12.695	.21
357	12.650	.16
Avg	12.548	
413	12.350	-.45
278	12.200	-.51
049	12.090	-.67
160	12.065	-.68
686	11.975	-.83
037	12.500 R	-.88
581	11.465	-1.51
185	11.345	-1.68

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 009.99	--
619	25.200 S	47.30
646	12.490	.71
Avg	12.490	
--	Method 010.03	--
843	12.295 S	8.53
Avg	10.370	
027	10.370	-.71
826	7.7650 S	-11.54
546	7.6150 S	-12.20
--	Method 010.11	--
567	11.200	1.38
178	11.100	.99
731	11.085	.91
631	11.045	.52
Avg	10.955	
727	10.921	-.19
688	10.950	-.28
672	10.885	-.39
212	10.735	-1.26
588	10.670	-1.63
713	10.755 R	-2.19
724	10.185 s	-4.79
--	Method 010.99	--
848	11.605	2.29
847	11.200 R	1.61
714	11.120	.99
726	11.005	.67
724	10.965	.57
417	10.785	.53
706	10.915	.43
037	10.760	.40
621	10.805	.13
Avg	10.756	
716	10.700	-.15
673	10.700	-.15
652	10.700	-.31
--	Method 010.99	--
529	10.480	-.75
613	10.400	-.96
852	10.400	-1.00
168	10.005	-2.06
727	8.6580 s	-6.05
712	8.2100 s	-6.87
--	Method 011.01	--
738	11.860	2.08
625	11.760	1.70
108	11.695 R	1.60
541	11.730	1.57
559	11.710	1.55
121	11.715	1.52
815	11.690	1.41
573	11.653	1.28
175	11.650	1.27
646	11.500 R	1.22
110	11.615	1.14
205	11.610	1.10
769	11.590	1.02
751	11.585	1.00
305	11.580	.98
148	11.575	.96
799	11.570	.96
824	11.550	.88
138	11.525	.77
122	11.500	.66
208	11.500	.66
742	11.495	.65
185	11.430	.64
793	11.480	.63
574	11.490	.62
682	11.490	.62
309	11.465	.54
843	11.460	.53
782	11.465	.53
722	11.459	.50
539	11.345	.49
--	Method 011.01	--
777	11.435	.41
034	11.410	.32
520	11.340	.32
033	11.405	.29
144	11.375	.28
098	11.400	.27
645	11.400	.27
811	11.350	.21
294	11.380	.21
100	11.375	.18
591	11.370	.17
164	11.335	.03
Avg	11.331	
734	11.305	-.17
407	11.285	-.19
350	11.257	-.29
194	11.245	-.34
622	11.243	-.36
511	11.265	-.39
229	11.230	-.40
160	11.230	-.40
202	11.250	-.45
132	11.215	-.47
171	11.215	-.47
548	11.206	-.49
233	11.275	-.50
510	11.200	-.51
226	11.200	-.51
051	11.195	-.63
242	11.170	-.63
552	11.155	-.69
021	11.125	-.81
651	11.095	-.93
062	11.107	-.93
723	11.085	-.97
179	11.053	-1.10
670	11.055	-1.10
152	11.050	-1.12
354	11.030	-1.18
--	Method 011.01	--
598	11.040	-1.20
620	11.016	-1.24
358	10.995	-1.32
650	10.960	-1.46
596	10.800	-2.12
363	10.775	-2.18
660	10.790 R	-2.43
647	10.705	-2.46
710	10.670	-2.60
623	10.546 R	-3.17
675	10.435 A	-3.52
658	10.181 s	-4.56
004	10.125 s	-4.73
822	10.035 s	-5.09
--	Method 011.99	--
265	10.595	.55
Avg	10.593	
684	10.590	-1.09
--	Method 012.00	--
178	42.650 R	1.45
689	42.650	.99
548	42.505	.88
638	42.100	.56
559	42.000	.48
354	41.580	.26
Avg	41.386	
672	40.950	-.49
567	40.450	-.94
673	38.850	-2.00
--	Method 012.01	--
096	39.300	.98
686	39.365	.91
Avg	38.331	
185	37.605	-.66
179	37.055	-1.13
--	Method 012.02	--
202	37.965	-.71
--	Method 012.03	--
098	40.700	.96
684	39.445	.75
Avg	39.330	
297	37.845	-1.01
--	Method 012.04	--
106	41.650	1.01
510	40.350	.26
Avg	39.983	
278	37.950	-1.19
--	Method 012.11	--
731	41.315	1.10
672	40.795	.56
713	40.495	.36
Avg	40.273	
588	40.060	-.32
178	38.700	-1.66
--	Method 012.99	--
619	52.300 S	.00
--	Method 013.02	--
675	33.245 s	74.80
826	5.3600	1.77
793	5.3400	1.73
171	5.3000	1.61
799	5.1650	1.28
065	5.0500	.95
645	4.9500	.79
734	4.9750	.75
033	4.8650 R	.75
815	4.8500	.58
811	4.9000	.56
229	4.7200	.45
164	4.8550	.44

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 013.02	--
051	4.7300	.36
208	4.7200	.13
777	4.6900	.08
Avg	4.6875	
616	4.6450	-.12
650	4.5650	-.32
824	4.5000	-.49
751	4.4950	-.51
742	4.4750	-.56
733	4.4300	-.69
026	4.4250	-.74
354	4.4000	-.75
202	4.3800	-.81
016	4.3600	-.90
769	4.3100	-.99
548	4.2525	-1.15
003	3.7200	-2.56
--	Method 013.03	--
591	3.7050	.71
--	Method 013.10	--
716	5.1400	1.81
652	5.1000	1.73
660	4.6150 R	.87
185	4.6800	.87
714	4.4800	.51
062	4.2860	.21
160	4.3100	.14
673	4.3000	.04
Avg	4.2815	
539	4.2600	-.11
688	4.2500	-.12
096	4.0150	-.57
672	4.0000	-.59
610	3.9500	-.71
663	3.8150	-.99
845	3.3550	-1.99

Lab	Average*	Index
--	Method 013.11	--
417	4.2650	.71
--	Method 013.12	--
731	4.2150	1.03
588	4.0350	.26
Avg	4.0000	
672	3.7500	-1.17
--	Method 013.13	--
581	4.9650	1.06
Avg	4.8700	
042	4.7750	-.61
--	Method 013.99	--
689	4.4000	-.71
--	Method 015.00	--
520	149.00	1.74
616	126.50	.61
154	126.00	.60
560	117.50	.36
011	120.34	.31
164	114.50	.08
Avg	114.13	
049	110.36	-.19
021	107.50	-.33
169	100.80	-.66
110	68.810 X	-2.22
--	Method 016.00	--
619	0.0585	.71
--	Method 016.02	--
154	0.0600	.00
--	Method 017.00	--
560	12.600	1.18
021	11.500	1.02
Avg	10.536	

Lab	Average*	Index
--	Method 017.00	--
049	10.230	-.22
045	10.000	-.65
693	8.3500	-1.26
--	Method 017.99	--
307	11.200	.88
Avg	9.8900	
358	8.5800	-.85
--	Method 018.01	--
716	0.0650	.71
--	Method 018.02	--
154	0.0860	.82
011	0.0813	.53
Avg	0.0758	
848	0.0600	-1.25
--	Method 019.00	--
647	1.2400 S	1.99
681	1.2400 S	1.97
849	1.1750	1.22
552	1.1750	1.21
043	1.1050	.50
679	1.1000	.36
Avg	1.0541	
194	1.0450	-.27
620	1.0374	-.36
651	1.0295	-.44
658	1.0605 R	-.44
175	1.0300	-.49
622	1.0232	-.52
623	1.0186	-.56
621	1.0100	-.66
625	0.9000	-1.91

Lab	Average*	Index
--	Method 019.01	--
670	1.2350 s	4.64
720	1.2050 s	3.99
010	1.1300	2.39
646	1.1150	2.05
529	1.1000	1.70
619	1.0700	1.07
354	1.0700	1.07
363	1.0650	.95
208	1.0650	.95
034	1.0650	.95
263	1.0609	.86
722	1.0523	.67
504	1.0390	.63
205	1.0450	.52
139	1.0435	.49
098	1.0300	.47
014	1.0405	.47
233	1.0400	.45
674	1.0400	.45
588	1.0410	.45
038	1.0350	.44
036	1.0390	.38
305	1.0300	.28
178	1.0300	.28
035	1.0250	.13
Avg	1.0216	
039	1.0150	-.14
650	1.0200	-.22
065	1.0105	-.25
723	1.0090	-.27
013	1.0090	-.36
638	1.0050	-.38
350	1.0042	-.39
687	1.0200	-.44
142	1.0000	-.47
026	1.0000	-.52
307	1.0100	-.70
152	0.9850	-.80
169	0.9850	-.80

Lab	Average*	Index
--	Method 019.01	--
019	0.9850	-.96
731	0.9750	-1.02
001	0.9745	-1.08
631	0.9850 R	-1.10
591	0.9685	-1.21
508	0.9661	-1.22
505	0.9650	-1.23
122	0.9550	-1.48
536	0.9345	-1.92
108	0.9400 R	-1.97
710	0.9050	-2.54
612	0.8650 A	-3.40
609	0.8250 s	-4.27
278	0.8100 s	-4.60
675	0.5800 s	-9.59
--	Method 019.03	--
307	1.1300	1.81
048	1.0650	.43
036	1.0600	.12
Avg	1.0550	
686	1.0400	-.36
043	1.0300	-.65
026	1.0050	-1.21
--	Method 019.05	--
208	1.1550 s	3.74
520	1.1000	2.09
553	1.0950	1.99
029	1.0600 R	1.68
413	1.0800	1.58
003	1.0550 R	1.49
226	1.0750	1.43
144	1.0650	1.22
511	1.0600	1.15
164	1.0600	1.02
004	1.0550	.90
171	1.0450	.74
148	1.0470	.70

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 019.05 --	
610	1.0225	.65
407	1.0450	.64
598	1.0325	.51
265	1.0400	.49
074	1.0400	.49
682	1.0400	.49
011	1.0262	.30
Avg	1.0214	
083	1.0200	-.04
187	1.0200	-.04
510	1.0150	-.21
548	1.0112	-.39
229	1.0100	-.40
185	1.0155	-.41
026	1.0015	-.55
049	1.0000	-.57
550	1.0110	-.60
100	1.0000	-.63
300	1.0000	-.63
512	0.9931	-.77
051	1.0000	-.78
358	0.9850	-.97
645	0.9819	-1.06
089	0.9800	-1.10
297	0.9750	-1.24
168	0.9695	-1.38
405	0.9700	-1.39
294	0.9650	-1.50
242	0.9600	-1.63
661	0.8490 s	-4.57
--	Method 019.08 --	
729	1.0950	1.27
689	1.0950	1.12
673	1.0700	.27
Avg	1.0610	
607	1.0359	-.77
138	1.0450	-.89
590	1.0250	-1.09

Lab	Average*	Index
--	Method 019.09 --	
016	1.4350 s	9.26
613	1.2950 s	5.95
042	1.2500 s	4.89
848	1.1150	1.84
028	1.1050	1.51
017	1.1000	1.39
096	1.1000	1.39
106	1.0800	1.04
021	1.0640	.98
037	1.0750	.82
190	1.0650	.59
035	1.0600	.46
160	1.0460	.28
726	1.0515	.28
560	1.0450	.16
Avg	1.0403	
357	1.0400	-.01
045	1.0400	-.01
154	1.0358	-.14
202	1.0300	-.52
199	1.0350	-.55
038	1.0350	-.60
032	1.0150	-.60
027	1.0260	-.67
572	1.0160	-.80
309	1.0000	-.97
668	0.9905	-1.16
366	0.9900	-1.17
616	0.9900	-1.17
047	0.9830	-1.38
567	1.0000 R	-1.88
110	0.9566 X	-2.05
693	0.9545 R	-2.28
--	Method 019.99 --	
121	1.1450	1.08
724	1.1150	.77
006	1.0950	.55
629	1.0500	.11

Lab	Average*	Index
--	Method 019.99 --	
644	1.0550	.10
Avg	1.0471	
692	1.0100	-.41
665	0.8600	-2.06
852	0.8500 S	-2.24
--	Method 020.00 --	
722	2.1712	.94
Avg	1.8106	
164	1.4500	-.78
--	Method 020.01 --	
021	2.1500	1.21
154	2.1000	1.01
096	2.0000	.75
Avg	1.7139	
171	1.5500	-.45
567	1.5850	-.45
011	1.5325	-.49
560	1.3600 R	-1.20
668	1.0800	-1.67
--	Method 020.99 --	
616	1.9600	.71
--	Method 021.01 --	
722	2.2472	1.04
619	1.5850	.17
Avg	1.4774	
689	0.6000	-1.18
--	Method 021.02 --	
682	6.6800 s	52.61
510	1.3800 s	8.14
029	0.5750	1.43
616	0.5680	1.41
038	0.5500	1.25
171	0.5000 R	1.13
011	0.4518	.35

Lab	Average*	Index
--	Method 021.02 --	
154	0.4350	.21
Avg	0.4102	
629	0.3950	-.13
572	0.3825	-.24
366	0.3500	-.56
613	0.2850	-1.05
668	0.2800	-1.10
169	0.2400	-1.43
--	Method 021.99 --	
607	0.4284	.91
Avg	0.3842	
610	0.3400	-.82
--	Method 022.01 --	
689	22.950 s	6.59
010	20.500 s	4.10
588	18.500	2.07
720	18.510	2.07
504	17.500 R	1.83
529	17.750	1.25
013	16.800	1.16
038	17.500	1.11
505	17.500	1.11
591	16.680	.88
098	17.000	.51
278	17.000	.47
178	17.000	.47
619	16.800	.26
Avg	16.544	
305	16.430	-.12
307	16.400	-.18
638	16.450	-.27
350	16.200	-.35
208	16.200	-.41
035	16.500	-.52
716	16.500	-.52
508	16.230	-.52
354	15.900	-.67

Lab	Average*	Index
--	Method 022.01 --	
731	16.005	-.70
722	15.596	-.97
590	15.685	-1.01
710	15.500	-1.19
674	15.500	-1.19
014	15.500	-1.19
646	15.050	-1.62
--	Method 022.03 --	
511	188.00 s	102.81
265	27.500 s	7.55
004	22.000 S	3.51
405	21.500 S	3.22
144	21.000 S	3.14
407	19.780	2.18
598	16.500 R	2.10
029	19.350	1.92
148	18.350	1.32
229	18.000	1.12
171	17.500	.87
164	17.000	.52
011	16.950	.49
208	16.900	.47
083	16.500	.37
520	16.500	.37
226	16.500	.37
187	16.600	.36
550	16.205	.32
512	16.385	.27
Avg	16.134	
610	16.050	-.06
074	16.000	-.08
100	16.000	-.08
548	15.879	-.18
026	15.800	-.21
682	15.460	-.40
300	15.110	-.61
510	15.000	-.68
242	15.000	-.68

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AAFCO - Feed Check Sample No. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 022.03 --	
358	14.725	-.84
049	14.620	-.93
297	14.500	-1.02
185	13.000	-1.97
629	12.100	-2.41
003	3.1500 s	-7.78
--	Method 022.05 --	
042	25.350 s	9.47
035	23.500 s	7.41
294	22.590 s	6.44
668	18.500	1.91
038	18.000 R	1.69
413	18.350	1.68
106	18.000	1.27
027	17.655	.96
572	17.650	.92
160	17.330	.80
021	17.250	.46
560	17.200	.38
190	17.155	.33
154	17.150	.32
037	17.050	.22
096	17.000	.15
Avg	16.863	
613	16.750	-.14
616	16.650	-.24
199	16.705	-.26
169	16.350	-.57
357	16.500	-.69
309	16.050	-.95
045	16.000	-.96
202	16.000	-.96
693	15.850	-1.28
567	16.000 R	-1.47
366	15.500	-1.62
110	15.205 X	-1.86
017	15.000 R	-2.35
726	11.308 s	-6.18
--	Method 022.99 --	
692	17.850	1.56
Avg	16.149	
644	15.800	-.32
846	15.730	-.47
607	15.214	-.87
121	9.9350 S	-5.64
--	Method 023.01 --	
619	0.0035	.71
--	Method 023.99 --	
716	0.0067	.00
--	Method 025.01 --	
098	268.00	1.33
505	265.00	1.27
014	243.00 R	.91
035	257.00	.84
670	255.50	.77
720	255.53	.77
529	254.35	.75
038	253.50	.74
208	251.00	.58
013	240.00	.53
504	248.50	.47
722	247.80	.44
175	246.00	.40
619	243.50	.25
354	243.20	.25
689	243.05	.23
731	241.55	.17
Avg	237.91	
350	230.60	-.32
638	229.50	-.38
307	230.00	-.56
278	216.50	-.95
710	211.00	-1.18
305	205.50	-1.43
591	197.85	-1.82
--	Method 025.01 --	
674	175.50	-2.74
675	116.06 s	-5.35
--	Method 025.03 --	
265	290.50 s	3.93
682	270.52	2.08
168	259.50	1.36
553	254.00	1.07
297	246.00 R	.86
029	251.00	.83
229	251.00	.83
074	251.00	.81
083	250.50	.78
520	250.50	.77
512	250.25	.75
148	249.00	.67
187	247.01	.59
164	246.00	.48
011	245.08	.48
510	246.00	.47
004	244.00	.35
548	240.61	.16
Avg	238.75	
003	238.50	-.04
610	236.90	-.28
407	234.00	-.31
100	232.50	-.44
026	231.00	-.51
550	231.01	-.51
171	230.50	-.59
598	231.50	-.64
049	228.12	-.72
144	228.50	-.73
226	229.00	-.79
629	222.50	-1.08
300	214.30	-1.61
405	205.50	-2.18
208	201.50	-2.44
242	191.50 s	-3.10
--	Method 025.05 --	
042	322.50 s	3.89
572	285.00	2.19
309	264.80 R	1.42
038	268.00	1.41
366	261.00	1.09
017	256.50	.90
045	255.50	.86
021	252.00	.69
096	240.00	.47
294	241.91	.41
413	242.00	.25
106	241.50	.24
037	238.30	.12
Avg	236.75	
199	235.45	-.18
190	232.52	-.19
726	232.47	-.20
154	232.50	-.28
693	232.00	-.35
160	224.85	-.55
567	221.50	-.79
668	211.50	-1.16
560	210.00	-1.21
110	208.00 X	-1.30
169	186.00	-2.29
616	13.400 s	-10.07
613	2.3800 s	-10.57
--	Method 025.99 --	
358	273.06	1.04
121	270.31	.76
Avg	257.59	
692	251.00	-.43
607	235.98	-1.29
--	Method 026.00 --	
154	0.2100	-.71
--	Method 026.99 --	
619	0.0000	.00
--	Method 027.01 --	
305	0.4150 s	29.66
505	0.2000	1.60
504	0.1965	1.43
529	0.1950	1.15
208	0.1940	.83
731	0.1930	.74
139	0.1932	.71
350	0.1930	.69
038	0.1920	.62
035	0.1900	.30
609	0.1900	.30
720	0.1900	.30
098	0.1900	.30
263	0.1886	.15
Avg	0.1877	
722	0.1867	-.14
065	0.1845	-.46
619	0.1845	-.46
169	0.1850	-.74
307	0.1850	-.74
175	0.1850	-.74
278	0.1850	-.74
142	0.1800	-1.01
650	0.1780	-1.30
014	0.1795	-1.37
588	0.1670	-2.72
710	0.1550 s	-4.32
675	0.0900 s	-12.75
--	Method 027.03 --	
405	0.2250 s	5.67
003	0.2150 s	4.23
520	0.2050 R	2.81
682	0.2000	1.98
598	0.1975	1.62
510	0.1950 R	1.45

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 027.03 --	
413	0.1950 R	1.45
011	0.1950	1.26
610	0.1950	1.26
553	0.1935	1.04
029	0.1900 R	.90
164	0.1905	.64
226	0.1900	.53
297	0.1900	.53
100	0.1900	.53
144	0.1900	.53
074	0.1900	.53
550	0.1865	.22
Avg	0.1864	
148	0.1855	-.14
300	0.1860	-.15
026	0.1850	-.25
171	0.1840	-.37
208	0.1835	-.66
187	0.1819	-.67
083	0.1850 R	-.75
229	0.1850 R	-.75
407	0.1805	-.86
548	0.1817	-.89
294	0.1800	-.93
049	0.1800	-.93
265	0.1800	-.93
358	0.1800	-.93
185	0.1794	-1.03
242	0.1700	-2.38
--	Method 027.05 --	
693	0.2040 R	2.34
042	0.2045	2.28
032	0.2000 R	2.12
309	0.1945	1.07
726	0.1938	.98
572	0.1925	.83
037	0.1915	.73
357	0.1900	.52

Lab	Average*	Index
--	Method 027.05 --	
202	0.1900	.52
560	0.1895	.46
106	0.1890	.42
021	0.1875	.22
199	0.1872	.21
038	0.1870	.20
Avg	0.1857	
616	0.1850	-.09
668	0.1830	-.41
154	0.1823	-.43
096	0.1850	-.61
366	0.1800	-.69
017	0.1800	-.69
160	0.1786	-.92
045	0.1750	-1.44
035	0.1700	-1.91
567	0.1700	-1.91
110	0.1430 s	-5.24
--	Method 027.99 --	
692	0.2000	.00
--	Method 028.01 --	
013	99.200	1.56
505	96.000	1.25
098	95.000	1.15
529	94.600	1.11
035	94.500	1.09
208	92.900	.93
038	92.000	.84
504	91.500	.81
588	88.500	.49
307	84.000 R	.40
178	86.500	.30
722	86.021	.29
720	85.910	.23
638	85.700	.21
731	84.050	.13
Avg	83.593	

Lab	Average*	Index
--	Method 028.01 --	
590	81.490	-.26
689	79.050	-.46
710	79.000	-.47
619	78.150	-.56
014	77.500	-.61
350	77.350	-.63
175	80.000 R	-.70
674	74.000	-.96
278	73.500	-1.01
354	72.990	-1.06
305	64.415	-1.93
675	59.995	-2.37
--	Method 028.03 --	
003	103.00	2.31
682	101.95	2.16
550	100.44	1.98
297	94.500	1.21
100	87.500 R	.77
029	89.455	.60
074	89.500	.60
510	89.000	.52
185	89.000	.50
520	88.000	.39
083	87.500	.36
610	86.100	.33
265	85.500	.33
553	87.350	.32
229	87.500	.31
171	87.000	.27
148	85.450	.05
Avg	85.116	
187	84.945	-.03
164	84.000	-.14
004	85.000	-.26
011	84.143	-.26
512	84.570	-.30
242	82.500	-.39
300	82.425	-.41

Lab	Average*	Index
--	Method 028.03 --	
548	81.837	-.42
026	81.950	-.45
405	81.000	-.59
598	78.500	-.91
208	77.700	-.96
049	78.590	-.99
407	75.425	-1.25
144	74.000	-1.43
226	73.500	-1.50
511	67.500	-2.29
629	61.000 s	-3.10
--	Method 028.05 --	
572	100.50 R	2.08
032	101.00	1.97
357	101.50	1.89
017	95.500	1.11
106	95.000	.89
037	93.950	.73
154	93.500	.70
038	90.500	.52
096	92.500	.51
027	89.930	.47
726	92.189	.47
021	89.500	.39
366	90.500	.30
560	91.150	.30
190	90.765	.24
Avg	89.210	
616	88.850	-.10
042	88.500	-.36
160	86.520	-.45
045	86.000	-.58
169	85.000	-.66
413	85.850	-.71
202	84.500	-.82
309	83.750	-.89
693	86.400 R	-1.43
567	78.500	-1.65

Lab	Average*	Index
--	Method 028.05 --	
668	78.400	-1.77
294	76.900	-1.93
110	71.750 s	-3.06
613	0.2350 s	-13.68
--	Method 028.99 --	
121	108.96	1.92
607	90.761	.32
Avg	88.177	
644	88.000	-.02
358	84.555	-.33
692	80.000	-.74
846	76.785	-1.03
--	Method 029.00 --	
675	0.0035	.71
--	Method 030.99 --	
716	0.0084	.71
--	Method 031.01 --	
596	0.7750	2.63
363	0.7650	2.22
665	0.7650	2.22
511	0.7450 R	2.00
625	0.7500	1.65
650	0.7450	1.40
674	0.7450	1.40
278	0.7400	1.25
175	0.7350	1.00
139	0.7265	.64
354	0.7250	.60
621	0.7250	.60
619	0.7230	.58
178	0.7200	.55
620	0.7215	.42
651	0.7185	.37
723	0.7180	.37
679	0.7200	.36

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 031.01 --	
122	0.7200	.36
731	0.7200	.36
623	0.7176	.30
233	0.7150	.26
035	0.7150	.26
169	0.7150	.26
036	0.7125	.08
205	0.7120	.03
Avg	0.7113	
722	0.7107	-.03
263	0.7084	-.12
588	0.7070	-.18
001	0.7065	-.24
607	0.7042	-.29
638	0.7050	-.33
305	0.7050	-.33
142	0.7050	-.33
710	0.7050	-.33
629	0.7100	-.41
065	0.7020	-.42
038	0.7010	-.42
689	0.7000	-.46
622	0.6999	-.48
609	0.6950	-.70
194	0.6950	-.70
152	0.6950	-.70
019	0.6950	-.70
350	0.6926	-.79
529	0.6900	-.88
098	0.6900	-.88
026	0.6950	-.91
016	0.6895	-.92
647	0.7050 R	-1.06
646	0.6850	-1.10
687	0.6700	-1.75
039	0.6662	-1.86
108	0.6650	-2.00
591	0.6600	-2.11
034	0.6400 s	-2.96

Lab	Average*	Index
--	Method 031.01 --	
849	0.6200 s	-3.78
675	0.4050 s	-12.61
--	Method 031.02 --	
505	0.7450	1.63
043	0.7150	.25
011	0.7173	.20
Avg	0.7130	
014	0.7115	-.22
013	0.7100	-.48
508	0.6789	-1.57
--	Method 031.03 --	
720	0.8050 S	4.41
208	0.7385	1.55
026	0.7150	.58
504	0.7088	.27
047	0.7050	.24
Avg	0.7025	
307	0.7000	-.11
043	0.6900	-.54
048	0.6700 R	-1.46
036	0.6600	-1.83
--	Method 031.05 --	
121	0.7850	2.43
613	0.7800	2.29
208	0.7525	1.55
610	0.7535	1.54
038	0.7550	1.48
598	0.7538	1.43
616	0.7500	1.32
726	0.7496	1.31
553	0.7380	1.16
032	0.7450	1.16
096	0.7350 R	1.15
021	0.7325 R	1.08
190	0.7400	1.04
405	0.7350	.96

Lab	Average*	Index
--	Method 031.05 --	
042	0.7385	.94
693	0.7330	.94
560	0.7345	.83
051	0.7150 R	.82
106	0.7285	.62
572	0.7245	.56
083	0.7250	.54
074	0.7250	.54
358	0.7150	.52
029	0.7225	.51
144	0.7200	.35
164	0.7200	.35
520	0.7200	.35
413	0.7100	.32
357	0.7150	.25
668	0.7150	.21
407	0.7100	.03
185	0.7090	.03
Avg	0.7090	
037	0.7085	-.05
017	0.7050	-.20
202	0.7050	-.20
004	0.7065	-.22
229	0.7000	-.29
160	0.7028	-.30
512	0.6963	-.42
027	0.7005	-.43
848	0.6950	-.47
045	0.6950	-.47
300	0.6968	-.48
028	0.7050	-.50
148	0.6930	-.51
035	0.6900	-.61
265	0.6900	-.61
171	0.6900	-.68
550	0.6885	-.71
199	0.6863	-.74
089	0.6850	-.78
510	0.6850	-.90

Lab	Average*	Index
--	Method 031.05 --	
297	0.6800	-.92
226	0.6800	-.98
548	0.6784	-1.01
100	0.6750	-1.10
154	0.6731	-1.14
366	0.6700	-1.24
682	0.6700	-1.24
049	0.6700	-1.24
187	0.6696	-1.26
645	0.6786 R	-1.32
294	0.6600	-1.56
309	0.6550	-1.73
567	0.6600 R	-1.83
242	0.6400	-2.20
661	0.6100 S	-3.16
110	0.5963 s	-3.63
003	0.4300 s	-8.91
--	Method 031.06 --	
536	0.7200	1.32
Avg	0.6950	
138	0.6850	-.46
686	0.6800	-.74
--	Method 031.99 --	
631	0.8050 S	1.41
852	0.7500	.97
729	0.7600	.72
673	0.7250	.09
Avg	0.7114	
590	0.7200	-.18
552	0.7100	-.28
724	0.7050	-.40
692	0.6100	-1.94
--	Method 032.01 --	
675	1.2300 s	8.65
670	0.9700 S	3.27
307	0.9050 R	1.86

Lab	Average*	Index
--	Method 032.01 --	
278	0.9050	1.71
305	0.8950	1.49
591	0.8850	1.28
208	0.8725	1.01
619	0.8600	.74
038	0.8475	.50
175	0.8450	.44
205	0.8445	.41
609	0.8400	.38
650	0.8270	.28
139	0.8335	.21
Avg	0.8252	
720	0.8250	-.11
098	0.8250	-.11
354	0.8150	-.24
065	0.8080	-.37
505	0.7900	-.78
710	0.7850	-.87
529	0.7750	-1.08
035	0.7750	-1.08
350	0.7618	-1.35
142	0.7150	-2.35
--	Method 032.02 --	
665	0.8900	1.38
169	0.8750	.97
590	0.8670	.75
Avg	0.8386	
588	0.8350	-.11
536	0.8350	-.21
731	0.8250	-.48
504	0.7971	-1.17
716	0.7850	-1.56
108	0.7600 R	-2.61
--	Method 032.05 --	
405	0.9800	2.61
294	0.9750	2.52
613	0.9650	2.35

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 032.05 --	
226	0.9400	1.92
560	0.9270	1.69
096	0.8850	.96
021	0.8840	.95
610	0.8825	.92
553	0.8735	.79
083	0.8750	.79
572	0.8725	.75
038	0.8700	.71
726	0.8688	.68
037	0.8610	.58
199	0.8632	.58
357	0.8450	.28
164	0.8450	.28
520	0.8350	.28
413	0.8400	.25
011	0.8404	.19
510	0.8400	.18
309	0.8400	.18
366	0.8350	.13
567	0.8350	.13
229	0.8350	.13
026	0.8320	.08
171	0.8300	.07
154	0.8330	.06
160	0.8309	.03
297	0.8300	.00
Avg	0.8298	
148	0.8260	-.08
042	0.8285	-.10
045	0.8250	-.12
668	0.8245	-.16
100	0.8200	-.17
616	0.8170	-.23
407	0.8100	-.34
645	0.8007	-.51
682	0.8000	-.52
029	0.8000	-.52
265	0.8000	-.55

Lab	Average*	Index
--	Method 032.05 --	
106	0.7960	-.59
049	0.7950	-.61
185	0.7945	-.62
693	0.7965 R	-.68
017	0.7900	-.71
548	0.7888	-.71
300	0.7888	-.75
202	0.7850	-.78
035	0.7800	-.86
358	0.7800	-.88
003	0.7700	-1.05
110	0.7616 X	-1.18
144	0.7650 R	-1.28
242	0.7550	-1.30
598	0.7399	-1.58
187	0.7350	-1.65
550	0.7220	-1.88
208	0.6945	-2.36
--	Method 032.99 --	
692	0.8200	.00
--	Method 033.00 --	
675	1.9550 s	26.90
297	0.7520	2.27
596	0.7400	2.03
366	0.7100 R	1.54
539	0.7100	1.47
169	0.6700	.63
588	0.6450	.13
Avg	0.6410	
567	0.6400	-.21
849	0.6300	-.23
160	0.6250	-.34
693	0.6285	-.36
731	0.6150	-.54
045	0.6150	-.54
407	0.6150	-.54
208	0.6120	-.60

Lab	Average*	Index
--	Method 033.00 --	
511	0.6100	-.64
034	0.6000	-.84
638	0.5950	-.99
309	0.5950	-.99
679	0.4100 s	-4.73
--	Method 033.01 --	
098	0.7600 s	5.94
710	0.7450 s	5.12
590	0.7200 R	3.77
278	0.7000	2.62
202	0.6900	2.06
242	0.6800	1.51
100	0.6700	.96
610	0.6665	.80
686	0.6650	.73
039	0.6631	.58
019	0.6600	.40
650	0.6600	.40
510	0.6600	.40
164	0.6600	.40
175	0.6550	.30
Avg	0.6527	
229	0.6500	-.15
629	0.6500	-.15
413	0.6500	-.15
205	0.6515	-.26
185	0.6451	-.48
559	0.6450	-.51
048	0.6450	-.51
199	0.6400	-.71
226	0.6400	-.71
021	0.6400	-.71
010	0.6450 R	-.94
194	0.6350	-1.02
178	0.6350	-1.02
029	0.6350	-1.02
004	0.6300	-1.26
354	0.6300	-1.26

Lab	Average*	Index
--	Method 033.01 --	
011	0.6258	-1.49
096	0.6200 R	-1.90
106	0.5625 s	-5.00
307	0.3900 s	-14.56
--	Method 033.03 --	
674	0.7000	1.57
144	0.6250 R	.82
505	0.6400	.56
598	0.6200	.19
190	0.6100	.17
Avg	0.6092	
122	0.5450	-1.11
726	0.5400	-1.19
265	0.4000 s	-3.63
--	Method 033.05 --	
110	0.6575	.85
Avg	0.6363	
171	0.6150	-.88
--	Method 033.99 --	
681	1.0350 s	7.34
552	0.8700 S	3.60
630	0.8400 S	3.16
673	0.7000	1.10
051	0.7000	1.10
716	0.6650	.59
504	0.6265	.24
Avg	0.6249	
121	0.6150	-.16
358	0.5450	-1.18
619	0.5230	-1.50
723	0.4150 S	-3.08
--	Method 034.01 --	
038	0.4700	.17
Avg	0.4675	
668	0.4650	-1.21

Lab	Average*	Index
--	Method 034.04 --	
610	0.5410	1.75
572	0.4920	.70
Avg	0.4629	
171	0.4500	-.36
208	0.4445	-.41
164	0.4350	-.71
169	0.4150	-1.07
619	0.1215 S	-7.61
--	Method 034.05 --	
560	0.4715	.60
Avg	0.4588	
154	0.4550	-.65
309	0.4500	-1.31
--	Method 034.99 --	
096	0.5000	.86
Avg	0.4725	
098	0.4450	-.87
--	Method 035.00 --	
675	0.4350 s	13.70
591	0.2975 S	4.54
122	0.2850 S	3.71
670	0.2750 S	3.05
609	0.2650	2.39
263	0.2548	1.68
175	0.2500	1.52
142	0.2500	1.52
307	0.2400 R	1.51
722	0.2462	1.12
529	0.2370	.50
278	0.2350	.49
098	0.2350	.49
619	0.2300	.27
Avg	0.2295	
152	0.2280	-.17
139	0.2270	-.26
208	0.2255	-.36

* 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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 035.00 --	
205	0.2250	-.45
720	0.2250	-.45
038	0.2205	-.62
035	0.2200	-.63
089	0.2200	-.63
233	0.2200	-.63
650	0.2165	-.88
354	0.2200	-.92
363	0.2150	-1.02
305	0.2150	-1.02
710	0.2150	-1.02
065	0.2130	-1.13
--	Method 035.01 --	
686	0.2350	.88
138	0.2305	.51
Avg	0.2252	
647	0.2100	-1.21
--	Method 035.03 --	
187	0.2653 s	3.13
144	0.2550 s	2.63
598	0.2534	2.36
042	0.2435	1.69
037	0.2430	1.64
413	0.2400 R	1.59
553	0.2330	.97
726	0.2301	.78
096	0.2300	.77
297	0.2300	.77
682	0.2300	.77
083	0.2300	.77
645	0.2292	.77
610	0.2285	.69
548	0.2215 R	.62
021	0.2270	.58
226	0.2250	.55
154	0.2248	.54
029	0.2253	.46
--	Method 035.03 --	
572	0.2245	.44
011	0.2247	.42
199	0.2239	.37
668	0.2210	.32
038	0.2220	.27
242	0.2200	.11
164	0.2200	.11
017	0.2200	.11
229	0.2200	.11
300	0.2190	.08
Avg	0.2201	
148	0.2170	-.09
407	0.2155	-.20
550	0.2140	-.32
045	0.2150	-.40
049	0.2150	-.40
202	0.2150	-.40
160	0.2130	-.42
693	0.2175	-.44
100	0.2100	-.56
035	0.2100	-.56
567	0.2100	-.56
358	0.2100	-.56
208	0.2145	-.56
616	0.2085	-.67
185	0.2071	-.76
520	0.2100 R	-.87
510	0.2045	-.93
309	0.2070 R	-1.15
265	0.1850 s	-2.25
110	0.1841 X	-2.28
661	0.1840	-2.29
366	0.1800 s	-2.56
405	0.0950 s	-8.22
--	Method 035.05 --	
294	0.2950 s	4.04
106	0.2490	1.34
169	0.2450	1.14
--	Method 035.05 --	
590	0.2420	.93
536	0.2415	.91
588	0.2345	.56
171	0.2290	.18
Avg	0.2261	
731	0.2200	-.36
665	0.2200	-.36
504	0.2182	-.49
560	0.2145	-.71
716	0.2100	-.94
108	0.1900	-2.11
--	Method 035.99 --	
692	0.2200	.00
--	Method 036.00 --	
307	0.2600	1.12
Avg	0.2450	
297	0.2300	-.50
--	Method 036.03 --	
154	0.3124 s	4.37
049	0.2600 R	2.04
106	0.2480	1.44
187	0.2451	1.31
560	0.2405	1.10
021	0.2365	.93
038	0.2335	.80
357	0.2300	.62
169	0.2300	.62
160	0.2276	.55
042	0.2255	.42
171	0.2220	.32
045	0.2200	.17
202	0.2200	.17
Avg	0.2163	
708	0.2115	-.23
294	0.2100	-.29
300	0.2100	-.29
--	Method 036.03 --	
693	0.2085	-.36
366	0.2000	-.74
550	0.1935	-1.04
110	0.1884 X	-1.27
616	0.1820	-1.56
265	0.1600	-2.56
598	0.0793 s	-6.23
--	Method 036.04 --	
226	0.2350	.87
Avg	0.2200	
510	0.2050	-.87
--	Method 037.01 --	
675	125.30 s	3.56
508	117.06	2.50
722	111.40	1.82
674	111.00	1.70
098	108.50	1.37
018	103.00	.77
013	102.10	.74
038	102.00	.74
504	102.00	.55
014	101.50	.47
588	101.00	.40
590	98.800	.36
731	99.400	.32
010	100.00	.27
354	99.245	.18
716	98.000	.13
Avg	97.918	
720	97.595	-.04
350	97.000	-.12
278	97.150	-.18
619	96.600	-.18
178	97.000	-.29
638	93.800	-.54
529	95.500	-.61
307	92.500	-.71
--	Method 037.01 --	
305	92.140	-.75
591	92.385	-.86
035	91.000	-.90
505	91.000	-.90
208	90.350	-.99
646	86.925	-1.45
710	86.500	-1.48
175	83.000	-1.97
689	59.250 s	-5.02
--	Method 037.03 --	
004	127.50 A	3.94
265	122.50 s	3.84
171	111.50	1.94
682	109.04	1.62
520	105.50	1.30
548	104.67	1.27
003	101.50 R	1.16
011	104.58	1.09
407	104.00	1.02
553	102.50	.82
148	102.50	.80
297	101.50	.67
074	99.500	.61
512	99.465	.54
029	100.10	.53
510	99.500	.42
610	97.400	.33
083	98.500	.30
100	97.000	.16
598	97.000	.16
Avg	96.172	
358	94.900	-.16
187	94.875	-.17
226	95.000	-.29
550	93.881	-.29
229	93.000	-.42
185	92.500	-.47
026	92.300	-.50

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 037.03 --	
144	90.500	-.74
049	92.295 R	-1.02
208	88.200	-1.06
164	87.500	-1.09
300	87.600	-1.14
405	87.000	-1.15
242	86.500	-1.22
629	81.000	-1.91
168	78.500	-2.22
511	57.000 s	-4.93
--	Method 037.05 --	
106	158.50 s	5.95
017	122.00	2.32
038	116.50	1.77
309	103.99 R	1.36
032	106.50 R	1.20
096	110.00	1.09
021	106.00	.91
616	106.00	.80
413	104.50	.60
190	104.73	.56
357	104.00	.49
027	102.92	.39
726	100.85	.18
294	99.970	.15
037	99.350	.06
572	99.250	.02
Avg	99.083	
169	98.450	-.07
202	97.000	-.23
613	95.450	-.38
045	95.000	-.41
366	96.000	-.43
154	94.000	-.52
160	93.895	-.52
199	91.920	-.72
693	92.450	-.72
567	91.500	-.83

Lab	Average*	Index
--	Method 037.05 --	
668	78.650	-2.07
110	76.705 X	-2.25
--	Method 037.99 --	
121	107.53	1.57
846	95.720	.18
Avg	94.815	
607	94.478	-.60
692	89.400	-.68
018	86.950	-1.09
--	Method 038.00 --	
106	2.9000 s	23.50
510	1.4000	1.18
169	1.3900	1.03
029	1.3400	.32
154	1.3400	.32
Avg	1.3207	
560	1.2900	-.64
038	1.2500	-1.29
668	1.2350	-1.33
021	0.9000 s	-6.26
--	Method 038.99 --	
164	1.5000	.00
--	Method 039.01 --	
164	2.6000	.00
--	Method 039.02 --	
021	2.1500	1.27
154	2.2000	.95
Avg	1.8898	
011	1.8338	-.18
560	1.8500	-.26
668	1.4150	-1.38

Lab	Average*	Index
--	Method 040.00 --	
560	6.6650	.71
--	Method 041.00 --	
011	1.2990	.87
Avg	1.1995	
154	1.1000	-.87
--	Method 045.00 --	
019	0.0137	1.43
028	0.0135	1.17
034	0.0127	.26
171	0.0126	.07
Avg	0.0125	
036	0.0121	-.59
043	0.0118	-.92
004	0.0118 R	-1.06
038	0.0115	-1.34
--	Method 045.02 --	
003	0.0146	1.82
047	0.0127	.56
039	0.0123	.41
218	0.0120	.12
Avg	0.0118	
001	0.0114	-.25
027	0.0113	-.35
014	0.0112	-.47
846	0.0090	-1.81
--	Method 048.01 --	
034	195.00	1.29
036	173.00	.41
Avg	162.91	
043	150.15	-.51
016	133.50	-1.18

Lab	Average*	Index
--	Method 104.00 --	
171	5.2850	.87
Avg	4.4850	
208	3.6850	-.87
--	Method 104.03 --	
026	3.4390	.71
--	Method 105.00 --	
160	16.160	.87
Avg	9.4050	
644	2.6500	-.86
--	Method 105.01 --	
208	2.4950	-.71
--	Method 106.00 --	
171	4.4500	.71
--	Method 106.02 --	
004	2305.0 s	3306.42
035	3.7310	1.99
021	3.3000	1.48
096	2.8800 R	1.06
616	2.8750	.75
638	2.8050	.66
610	2.4500	.63
199	2.4950	.21
Avg	2.3497	
208	2.1400	-.31
670	2.0550	-.46
003	2.0150	-.49
560	1.9350	-.60
619	1.8800	-.67
644	1.6000	-1.07
160	1.2650	-1.55

Lab	Average*	Index
--	Method 108.02 --	
208	1.2950	.54
Avg	1.2725	
644	1.2500	-1.10
--	Method 109.02 --	
675	59.160	1.93
199	33.000	.41
638	30.010 R	.26
208	26.330	.05
610	25.950	.03
Avg	25.854	
644	24.200	-.10
619	7.2700	-1.08
560	5.0650	-1.20
--	Method 109.99 --	
096	25.500	.71
--	Method 120.00 --	
160	1.1547 s	5.88
619	1.0200	1.22
675	1.0150	1.01
571	1.0065	.76
652	1.0050	.67
504	0.9900	.37
Avg	0.9864	
644	0.9765	-.46
350	0.9675	-.66
038	0.9570	-1.22
684	0.9405	-1.63
--	Method 121.00 --	
160	1.2957	1.84
619	1.2100	.72
652	1.1700	.43
644	1.1840	.39
571	1.1830	.31
Avg	1.1604	
504	1.1500	-.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. - 200826 Chick Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 121.00	--
038	1.1195	-.77
350	1.0875	-.99
684	1.0440	-1.60
675	0.5250 s	-8.61
--	Method 122.00	--
675	2.2450 s	9.98
644	1.7485	1.35
652	1.7150	.84
619	1.7150	.84
504	1.6750	.44
571	1.6985	.43
Avg	1.6741	
160	1.6516	-.45
350	1.6455	-.50
038	1.6455	-.84
684	1.5725	-1.93
--	Method 124.00	--
675	0.5750 s	8.37
684	0.4100 R	3.34
160	0.3864	2.59
038	0.3020	.18
Avg	0.3018	
638	0.3000	-.06
619	0.2970	-.15
571	0.2965	-.19
652	0.3000	-.31
504	0.2800	-.67
350	0.2800	-.67
644	0.2745	-.84
--	Method 124.05	--
610	0.2950	.71
--	Method 125.00	--
675	3.6450	2.32
619	3.3550	.81
160	3.3196	.56
--	Method 125.00	--
Avg	3.2152	
644	3.2120	-.15
571	3.1790	-.21
652	3.1550	-.37
504	3.1450	-.45
684	3.0950	-.68
038	3.0305	-1.06
350	3.0155	-1.08
--	Method 126.00	--
160	1.0167	1.71
619	0.9790	.93
652	0.9650	.58
571	0.9525	.31
Avg	0.9380	
504	0.9350	-.33
644	0.9290	-.35
038	0.9075	-.73
350	0.8855	-1.12
684	0.8720	-1.50
675	0.4000 s	-11.46
--	Method 127.00	--
160	0.5400	1.69
675	0.5350	1.61
652	0.4900	.33
571	0.4780	.08
Avg	0.4779	
619	0.4775	-.12
644	0.4710	-.19
350	0.4675	-.28
504	0.4550	-.64
038	0.4450	-.93
684	0.4195	-1.60
--	Method 128.00	--
675	1.1650 s	16.73
619	0.7065	1.09
644	0.7085	1.03
--	Method 128.00	--
504	0.7000	.98
571	0.7060	.92
Avg	0.6796	
652	0.6700	-.33
038	0.6740	-.52
160	0.6540	-.93
684	0.6590	-1.09
350	0.6385	-1.42
--	Method 129.00	--
675	2.1300 s	13.91
619	1.5550	1.23
160	1.5411	1.20
571	1.5370	.69
644	1.5260	.48
504	1.5200	.38
Avg	1.5061	
350	1.4755	-.71
652	1.4900	-.96
038	1.4625	-1.17
684	1.4475	-1.38
--	Method 130.00	--
675	3.2100 s	40.83
160	0.9939	1.74
208	0.9600	1.16
674	0.9550	1.06
619	0.9245	.59
504	0.9100	.32
644	0.8965	.20
571	0.9000	.09
Avg	0.8951	
350	0.8730	-.39
652	0.8850	-.48
171	0.8595	-.63
638	0.8500	-.80
038	0.8460	-.94
684	0.7830	-2.05
--	Method 130.01	--
035	0.9550	.71
--	Method 130.05	--
723	1.0000	.62
Avg	0.9200	
029	0.8400	-1.06
--	Method 131.00	--
675	0.4300 s	4.81
684	0.3565	2.30
644	0.3145	.86
171	0.3130	.82
571	0.2940	.17
Avg	0.2892	
619	0.2845	-.17
652	0.2850	-.22
504	0.2750	-.51
160	0.2741	-.52
038	0.2725	-.63
638	0.2650	-.84
350	0.2475	-1.43
--	Method 131.05	--
723	0.3300	.85
Avg	0.3125	
610	0.2950	-.88
--	Method 131.99	--
208	0.2400	.65
Avg	0.2265	
016	0.2130	-1.04
--	Method 132.00	--
160	1.0181	1.87
652	0.9050	.78
619	0.9110	.77
644	0.8515	.15
Avg	0.8392	
350	0.8330	-.07
--	Method 132.00	--
571	0.8385	-.11
504	0.8150	-.26
038	0.8005	-.44
684	0.7690	-.76
675	0.6500	-1.98
--	Method 133.00	--
619	1.2600	1.39
160	1.2524	1.26
571	1.1795	.32
038	1.1675	.30
652	1.1800	.24
644	1.1815	.23
Avg	1.1674	
675	1.1500	-.30
684	1.0910	-1.15
504	1.0450	-1.81
--	Method 134.00	--
675	1.0800	2.38
160	0.9322	.85
619	0.8735	.26
571	0.8585	.12
Avg	0.8494	
644	0.8230	-.28
038	0.8115	-.45
652	0.8150	-.50
350	0.7940	-.57
684	0.7615	-.90
504	0.7450	-1.17
--	Method 135.00	--
675	1.3800 s	26.83
160	0.6956	1.30
644	0.6815	.84
652	0.6750	.77
619	0.6755	.66
571	0.6665	.45
350	0.6680	.27

* 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 135.00 --	
Avg	0.6607	
504	0.6500	-.85
684	0.6385	-1.08
638	0.6300	-1.37
038	0.6265	-1.43
--	Method 136.00 --	
684	0.2150	.71
--	Method 136.01 --	
160	0.2547	1.60
Avg	0.2235	
644	0.2190	-.27
619	0.2110	-.62
571	0.2095	-.70
--	Method 136.99 --	
610	0.2070	.75
Avg	0.2010	
504	0.1950	-.97
--	Method 137.00 --	
160	0.8212	2.12
Avg	0.6132	
684	0.5845	-.30
644	0.5845	-.30
350	0.5740	-.40
675	0.5700	-.44
504	0.5450	-.70
--	Method 138.00 --	
675	1.1750 s	7.16
619	0.8700	1.14
504	0.8500	.83
571	0.8535	.80
644	0.8520	.80
038	0.8205	.29
350	0.8145	.05
Avg	0.8133	
--	Method 138.00 --	
684	0.7900	-.50
160	0.7395	-1.46
652	0.7300	-1.66
--	Method 139.00 --	
504	0.0400	.00
--	Method 140.00 --	
016	0.8655	.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. - 200826 Chick Starter/Grower, Medicated

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	13	-0.4445	1.47	0.24	009.07	12	0.0000	1.02	0.09
001.03	5	0.0000	1.03	0.24	009.09	18	0.5358	2.47	0.60
001.07	39	-0.6899	3.41	0.38	009.99	2	23.6509	33.45	0.57
001.08	2	927.2291	1311.30	0.52	010.03	4	-3.7952	9.93	0.75
001.99	16	-0.1307	1.01	0.62	010.11	11	-0.4950	1.58	0.89
002.00	6	0.7691	2.07	1.12	010.99	18	-0.6290	2.26	0.61
002.01	11	0.9757	3.33	0.27	011.01	83	-0.2526	1.42	0.28
002.02	10	0.0364	0.98	0.11	011.99	2	0.0000	0.13	0.86
002.03	2	0.0000	0.93	0.56	012.00	9	0.1103	0.99	0.43
002.04	5	2.8518	6.44	0.31	012.01	4	0.0000	1.01	0.33
002.05	23	-0.2370	1.42	0.16	012.03	3	0.0000	0.95	0.49
002.06	135	0.0005	1.41	0.42	012.04	3	0.0000	1.10	0.18
002.08	4	0.0000	1.05	0.22	012.11	5	0.0000	1.04	0.17
002.10	9	1.1217	3.48	0.36	013.02	29	2.5952	13.92	0.24
002.11	15	0.2793	1.43	0.29	013.10	15	0.0470	0.99	0.20
002.99	4	0.0000	1.04	0.26	013.12	3	0.0000	1.06	0.28
003.00	32	0.6236	2.95	0.86	013.13	2	0.0000	0.75	0.69
003.06	28	0.6037	2.40	0.35	015.00	10	0.0000	1.01	0.15
003.09	26	2.0814	10.04	0.30	017.00	5	0.0000	0.92	0.47
003.10	32	0.1766	1.67	0.40	017.99	2	0.0000	1.19	0.19
003.11	15	0.0000	1.00	0.19	018.02	3	0.0000	1.10	0.18
003.12	3	0.0000	1.11	0.10	019.00	15	0.1236	1.06	0.21
003.13	4	0.0000	1.06	0.19	019.01	53	-0.2983	2.06	0.29
003.14	15	0.0377	0.98	0.34	019.03	6	0.0000	1.03	0.18
003.99	10	1.5469	4.21	0.48	019.05	42	0.0212	1.31	0.42
004.00	27	0.1179	1.14	0.24	019.08	6	0.0000	0.91	0.48
004.01	2	1.3965	1.97	2.04	019.09	32	0.5337	2.29	0.52
004.03	3	43.8551	75.96	2.23	019.99	8	-0.2715	1.23	0.22
004.06	36	0.0000	0.97	0.21	020.00	2	0.0000	1.10	0.39
004.07	43	0.0677	0.99	0.32	020.01	8	-0.1163	1.00	0.33
004.11	14	0.2477	1.33	0.26	021.01	3	0.0000	1.11	0.11
004.99	3	0.0000	1.10	0.18	021.02	14	4.3931	14.07	0.31
005.00	139	0.0181	1.10	0.28	021.99	2	0.0000	0.96	0.53
005.11	10	-0.2550	1.14	0.14	022.01	30	0.3875	1.63	0.52
005.99	14	0.0000	0.97	0.29	022.03	35	3.1891	17.46	0.94
008.02	15	-0.2354	2.47	0.16	022.05	30	0.5085	2.89	0.50
008.08	22	0.2278	1.27	0.22	022.99	5	-1.1264	2.68	0.21
008.99	4	0.0000	1.07	0.15	025.01	26	-0.1971	1.41	0.27
009.04	2	2.3513	3.33	3.00	025.03	34	0.0226	1.24	0.41

AAFCO - Feed Check Sample No. - 200826 Chick Starter/Grower, Medicated

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
025.05	26	-0.5966	3.11	0.23
025.99	4	0.0000	1.04	0.26
027.01	27	0.4680	6.43	0.42
027.03	34	0.4456	1.54	0.39
027.05	25	-0.0496	1.52	0.37
028.01	27	-0.0118	0.97	0.17
028.03	35	-0.0799	1.09	0.23
028.05	29	-0.5192	2.75	0.53
028.99	6	0.0000	1.03	0.19
031.01	58	-0.3132	2.00	0.33
031.02	6	0.0000	0.97	0.36
031.03	9	0.3344	1.83	0.19
031.05	69	-0.2379	1.53	0.34
031.06	3	0.0000	0.90	0.54
031.99	8	0.0000	0.96	0.35
032.01	24	0.5595	2.08	0.30
032.02	9	-0.2306	1.15	0.61
032.05	59	-0.0289	0.99	0.14
033.00	20	1.1790	6.22	0.22
033.01	35	-0.2007	3.17	0.25
033.03	8	-0.4173	1.57	0.31
033.05	2	0.0000	1.21	0.14
033.99	11	0.8818	2.58	1.27
034.01	2	0.0000	0.15	0.86
034.04	7	-1.0873	3.02	0.20
034.05	3	0.0000	0.47	0.83
034.99	2	0.0000	1.21	0.11
035.00	29	0.8850	2.87	0.40
035.01	3	0.0000	1.06	0.28
035.03	52	-0.0448	1.59	0.30
035.05	13	0.3099	1.48	0.16
036.00	2	0.0000	0.71	0.71
036.03	24	0.0050	1.89	0.12
036.04	2	0.0000	1.16	0.27
037.01	33	-0.0444	1.44	0.26
037.03	37	0.0678	1.50	0.45
037.05	28	0.2559	1.46	0.38
037.99	5	0.0000	0.98	0.37
038.00	9	1.9158	8.40	0.32
039.02	5	0.0000	0.91	0.49
041.00	2	0.0000	1.22	0.00
045.00	8	-0.1207	1.02	0.18
045.02	8	0.0000	1.03	0.13
048.01	4	0.0000	1.08	0.02
104.00	2	0.0000	1.22	0.06
105.00	2	0.0000	1.22	0.08
106.02	15	219.6927	850.66	72.04
108.02	2	0.0000	0.64	0.74
109.02	8	0.0301	0.97	0.04
120.00	10	0.5876	2.07	0.32
121.00	10	-0.8610	2.88	0.27
122.00	10	0.9975	3.27	0.43
124.00	11	1.0604	2.77	0.23
125.00	10	0.0000	1.01	0.20
126.00	10	-1.1458	3.74	0.29
127.00	10	0.0000	1.01	0.18
128.00	10	1.6709	5.35	0.51
129.00	10	1.3909	4.47	0.52
130.00	14	2.9159	10.95	0.31
130.05	2	0.0000	0.88	0.60
131.00	12	0.4005	1.69	0.13
131.05	2	0.0000	1.20	0.17
131.99	2	0.0000	0.91	0.58
132.00	10	0.0000	1.01	0.16
133.00	9	0.0000	1.00	0.22
134.00	10	0.0000	1.00	0.21
135.00	11	2.4388	8.13	0.51
136.01	4	0.0000	1.04	0.26
136.99	2	0.0000	1.05	0.45
137.00	6	0.0000	1.05	0.06
138.00	10	0.7164	2.46	0.20