Feed Check Sample No. - 200724 Chicken Starter/Grower, Medicated
Association of American Feed Control Officials

Method	AOAC 18th	Method Code	- Pass 1 Results for 206 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 205 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
NPN, Urea + Am, Urease Method.....	941.04	000.01	1	0.60000	0.00000	0.00000	1	0.60000	0.00000	0.00000
Urea, Misc		000.99	1	0.27500	0.02121	0.03000	1	0.27500	0.02121	0.03000
Method Group 000.XX PCT			2	0.43750	0.18804	0.01500	2	0.43750	0.18804	0.01500
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	8	9.96562	0.33949	0.14625	7	9.92643	0.33068	0.09286
Loss on Drying, ISO 6496		001.03	4	9.76125	0.19752	0.09250	4	9.76125	0.19752	0.09250
Loss on Drying, LECO		001.05	1	9.60000	0.00000	0.00000	1	9.60000	0.00000	0.00000
Loss on Drying, 104 deg 3 hr, in malt .	935.29	001.07	38	9.71982	0.44141	0.13589	36	9.75383	0.42045	0.11372
Loss on Drying, Misc		001.99	16	9.96172	0.29887	0.15056	16	9.96172	0.29887	0.15056
Method Group 001.XX PCT			67	9.80762	0.39955	0.13601	64	9.82274	0.37913	0.11755
Protein, Crude	954.01	002.00	4	16.9075	0.31024	0.10500	4	16.9075	0.31024	0.10500
Protein, Auto Kjel-Foss	976.05	002.01	8	16.6546	0.19302	0.02750	7	16.6160	0.17270	0.01857
Protein, Semiauto Autoanalyzer	976.06	002.02	11	16.7806	0.47491	0.12700	11	16.8065	0.53134	0.08427
Protein, Hach Method		002.03	4	17.0438	0.59088	0.43750	4	17.0438	0.59088	0.43750
Protein, Copper Cat	984.13	002.04	4	16.9225	0.33940	0.11500	4	16.9225	0.33940	0.11500
Protein, Copper, Boric Acid		002.05	22	16.8461	0.21937	0.07524	21	16.8416	0.21995	0.06135
Protein, Combustion Nitrogen Analyzer	990.03	002.06	124	16.9671	0.32897	0.13430	118	16.9483	0.30604	0.10662
Protein, Cu/Ti	988.05	002.08	7	16.6436	0.19111	0.08600	7	16.6436	0.19111	0.08600
Protein, Block dig/distillation		002.10	8	16.5869	0.22937	0.08625	7	16.5779	0.23778	0.05571
Protein, NIR		002.11	12	17.0613	0.32690	0.11583	12	17.0613	0.32690	0.11583
Protein, Misc		002.99	6	17.0483	0.55220	0.07333	7	17.2150	0.66193	0.08143
Method Group 002.XX PCT			210	16.9147	0.34913	0.12227	200	16.8985	0.33102	0.10139
Fat, Eth Ext, Direct	920.39	003.00	25	5.59800	0.16624	0.07570	22	5.61182	0.14150	0.05057
Fat, Ind Eth Ext (13th ed), Indirect ..	920.39	003.01	1	5.23500	0.02121	0.03000	1	5.23500	0.02121	0.03000
Fat, In Fish Meal	948.04	003.04	1	5.88500	0.03536	0.05000	1	5.88500	0.03536	0.05000
Fat, Pet Ether		003.06	29	5.52103	0.17103	0.08759	26	5.51481	0.15988	0.05885
Fat, Soxtec, Eth Ext		003.09	31	5.54814	0.16898	0.09692	29	5.54715	0.15915	0.07774
Fat, Soxtec, Pet Ether		003.10	31	5.44584	0.15618	0.06180	30	5.44537	0.15400	0.04986
Fat, NIR		003.11	12	5.37167	0.31710	0.11000	11	5.37182	0.31956	0.06727
Fat, Hexane Ext.		003.12	5	5.53800	0.15017	0.05600	5	5.53800	0.15017	0.05600
Fat, Soxtec, Hexane Ext.		003.13	3	5.30600	0.30030	0.13000	3	5.30600	0.30030	0.13000
Fat, Ankom		003.14	12	5.42833	0.28513	0.19667	12	5.42833	0.28513	0.19667
Fat, Misc		003.99	10	5.56625	0.15205	0.07050	10	5.56625	0.15205	0.07050
Method Group 003.XX PCT			160	5.50540	0.20674	0.09055	150	5.50463	0.20224	0.07299
Fiber, Crude Asbestos Free	962.09	004.00	29	3.48938	0.26129	0.09628	27	3.52804	0.21433	0.08378
Fiber, Sing Filt		004.01	1	4.38500	0.03536	0.05000	1	4.38500	0.03536	0.05000
Fiber, Fritted Glass	978.10	004.03	3	3.92667	0.23780	0.08667	3	3.92667	0.23780	0.08667
Fiber, Fibertec		004.06	33	3.80040	0.33824	0.11378	31	3.81382	0.33996	0.09564
Fiber, ANKOM		004.07	47	3.53114	0.44860	0.12366	46	3.53964	0.44536	0.10809
Fiber, NIR		004.11	10	3.86150	0.16541	0.08100	9	3.89389	0.12830	0.05444

Method	AOAC 18th	Method Code	- Pass 1 Results for 206 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 205 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Fiber, Misc		004.99	6	3.12988	0.57142	0.10542	6	3.12988	0.57142	0.10542
Method Group 004.XX PCT			129	3.61340	0.41420	0.10939	123	3.62844	0.40918	0.09457
Ash,	942.05	005.00	136	5.36898	0.19642	0.07811	126	5.37815	0.19313	0.05688
Ash, LECO		005.02	1	5.61000	0.02828	0.04000	1	5.61000	0.02828	0.04000
Ash, NIR		005.11	4	5.78375	0.21620	0.07750	5	5.85800	0.24670	0.06400
Ash, Misc		005.99	13	5.35138	0.17251	0.10892	12	5.35567	0.16917	0.08467
Method Group 005.XX PCT			154	5.37984	0.20571	0.08045	143	5.38923	0.20304	0.05967
Fiber, Acid Detergent	973.18	008.02	16	5.32500	0.98232	0.19250	15	5.38267	0.98311	0.15467
Fiber, Acid Detergent-Hach		008.05	1	5.15000	0.07071	0.10000	1	5.15000	0.07071	0.10000
Fiber, Acid Detergent by ANKOM		008.08	25	4.97840	0.56026	0.26080	23	4.90500	0.49622	0.20043
Fiber, Acid Detergent Misc		008.99	6	5.45833	0.72536	0.07000	6	5.45833	0.72536	0.07000
Method Group 008.XX PCT			48	5.15750	0.75863	0.21083	45	5.14344	0.75270	0.16556
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	15.2150	0.19092	0.27000	1	15.2150	0.19092	0.27000
Fiber, Neutral Det-ENZ Pretreat		009.07	16	14.0728	1.60101	0.29813	16	14.0728	1.60101	0.29813
Fiber, Neutral Detergent by ANKOM		009.09	19	13.8000	0.84880	0.39341	18	13.7609	0.83762	0.33471
Fiber, Neutral Det Misc		009.99	2	14.4250	0.43493	0.65000	2	14.4250	0.43493	0.65000
Method Group 009.XX PCT			38	13.9850	1.22239	0.36354	37	13.9710	1.23011	0.33418
Moisture, NIR		010.11	8	10.2750	0.29444	0.09750	8	10.2750	0.29444	0.09750
Moisture, Misc		010.99	15	9.88527	0.68871	0.10947	14	9.93779	0.68041	0.08586
Method Group 010.XX PCT			23	10.0208	0.60811	0.10530	22	10.0604	0.58980	0.09009
Loss on Drying, 135 deg 2 hr	930.15	011.01	76	10.7715	0.30324	0.09233	71	10.7701	0.30495	0.07214
Loss on Drying, High Temp Methods, Misc		011.99	1	10.0200	0.07071	0.10000	1	10.0200	0.07071	0.10000
Method Group 011.XX PCT			77	10.7618	0.31316	0.09243	72	10.7597	0.31542	0.07253
Starch, Polarimetric (Ewers)		012.00	8	39.6019	1.00139	0.52625	7	39.6879	0.96928	0.31571
Starch, Megazyme		012.01	2	36.1860	1.18200	0.71205	2	36.1860	1.18200	0.71205
Starch, Colorimetric (GOP)		012.02	1	38.8700	0.83439	1.18000	1	38.8700	0.83439	1.18000
Starch, Enzymatic		012.03	3	38.0167	0.75933	0.52000	3	38.0167	0.75933	0.52000
Starch, YSI Analyzer		012.04	6	37.5667	2.36005	0.45000	5	37.4560	2.56724	0.22800
Method Group 012.XX PCT			20	38.3754	1.87036	0.55370	18	38.3548	1.94414	0.41745
Fat, Mojonnier, Bak Ext	954.02	013.02	22	6.40114	0.40467	0.14227	20	6.42850	0.37012	0.09200
Fat, Soxtec-Acid Hydrolysis		013.10	19	6.33255	0.37351	0.12026	17	6.37579	0.36290	0.08265
Fat, Ankon-Acid Hydrolysis		013.13	1	6.72500	0.00707	0.01000	1	6.72500	0.00707	0.01000
Fat, Pretreat or extended ext, misc		013.99	1	6.95000	0.21213	0.30000	1	6.95000	0.21213	0.30000
Method Group 013.XX PCT			43	6.39113	0.39454	0.13314	39	6.42650	0.37011	0.09115
Aluminum, ICP		015.00	11	178.577	35.5089	6.04818	10	180.929	36.2236	4.08200
Method Group 015.XX PPM			11	178.577	35.5089	6.04818	10	180.929	36.2236	4.08200
Arsenic, AA, Hydride		016.00	2	0.10025	0.02164	0.02150	2	0.10025	0.02164	0.02150
Arsenic, ICP		016.02	1	0.06500	0.02121	0.03000	1	0.06500	0.02121	0.03000
Method Group 016.XX PPM			3	0.08850	0.02650	0.02433	3	0.08850	0.02650	0.02433

Method	AOAC 18th	Method Code	- Pass 1 Results for 206 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 205 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Boron, ICP		017.00	5	8.27500	0.64467	0.52600	5	8.27500	0.64467	0.52600
Boron, Misc		017.99	1	9.69500	0.00707	0.01000	1	9.69500	0.00707	0.01000
Method Group 017.XX PPM			6	8.51167	0.80347	0.44000	6	8.51167	0.80347	0.44000
Cadmium, ICP		018.02	3	0.09425	0.00690	0.00217	3	0.09425	0.00690	0.00217
Method Group 018.XX PPM			3	0.09425	0.00690	0.00217	3	0.09425	0.00690	0.00217
Calcium, Ox-Mn04 Vol	927.02	019.00	15	0.94331	0.05723	0.02007	14	0.94742	0.05318	0.01064
Calcium, At Abs Spect	968.08	019.01	57	0.93905	0.06482	0.02076	54	0.93704	0.06329	0.01558
Calcium, Semiauto (Autoanalyzer)		019.03	7	0.98579	0.04705	0.01843	7	0.98579	0.04705	0.01843
Calcium, ICP, Dry Ash		019.05	45	0.93510	0.03732	0.01590	43	0.93525	0.03709	0.01340
Calcium, EDTA		019.08	4	0.99700	0.04736	0.03250	4	0.99700	0.04736	0.03250
Calcium, ICP, Wet Ash		019.09	26	0.95212	0.04962	0.01882	25	0.94841	0.04598	0.01597
Calcium, Misc		019.99	8	0.92031	0.05268	0.01763	8	0.92031	0.05268	0.01763
Method Group 019.XX PCT			162	0.94297	0.05492	0.01907	155	0.94220	0.05335	0.01526
Chromium, AA		020.00	2	2.61000	0.06164	0.05000	2	2.61000	0.06164	0.05000
Chromium, ICP		020.01	7	2.35907	0.42480	0.15371	7	2.35907	0.42480	0.15371
Chromium, Misc		020.99	2	2.44250	0.58443	0.09500	2	2.44250	0.58443	0.09500
Method Group 020.XX PPM			11	2.41986	0.41291	0.12418	11	2.41986	0.41291	0.12418
Cobalt, AA	968.08	021.01	1	0.70000	0.14142	0.20000	1	0.70000	0.14142	0.20000
Cobalt, ICP		021.02	12	0.67596	0.15244	0.04100	12	0.67596	0.15244	0.04100
Cobalt, Misc.		021.99	1	1.00000	0.00000	0.00000	1	1.00000	0.00000	0.00000
Method Group 021.XX PPM			14	0.70082	0.16648	0.04943	14	0.70082	0.16648	0.04943
Copper, Color	947.03	022.00	1	14.5000	0.70711	1.00000	1	14.5000	0.70711	1.00000
Copper, AA	968.08	022.01	26	15.0001	1.28884	0.77023	26	15.0001	1.28884	0.77023
Copper, ICP, Dry Ash	968.08	022.03	31	14.1536	1.17575	0.60348	28	14.2460	1.07335	0.34946
Copper, ICP, Wet Ash	968.08	022.05	27	14.8074	1.43463	0.65556	26	14.8004	1.44291	0.58923
Copper, Misc		022.99	2	14.5350	1.31804	2.22000	2	14.5350	1.31804	2.22000
Method Group 022.XX PPM			87	14.6222	1.33167	0.71120	83	14.6659	1.29502	0.60929
Fluorine, Ion Sel Elect	975.08	023.01	1	0.00300	0.00000	0.00000	1	0.00300	0.00000	0.00000
Iron, AA	968.08	025.01	25	248.565	19.4447	8.17520	24	248.653	19.6308	7.33000
Iron, ICP, Dry Ash	968.08	025.03	35	246.874	18.1620	6.54463	35	246.874	18.1620	6.54463
Iron, ICP, Wet Ash	968.08	025.05	24	251.870	24.4955	8.47750	22	252.516	24.3085	5.77727
Iron, Misc		025.99	3	247.200	20.2941	17.1333	3	247.200	20.2941	17.1333
Method Group 025.XX PPM			87	248.749	20.4399	7.91152	84	248.872	20.3596	6.94621
Lead,		026.00	2	0.09500	0.02380	0.02000	2	0.09500	0.02380	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			3	0.06333	0.05241	0.01333	3	0.06333	0.05241	0.01333
Magnesium, AA	968.08	027.01	26	0.20625	0.00891	0.00552	24	0.20615	0.00826	0.00368
Magnesium, ICP, Dry Ash	968.08	027.03	38	0.20507	0.00847	0.00454	36	0.20517	0.00810	0.00343
Magnesium, ICP, Wet Ash	968.08	027.05	23	0.20662	0.00741	0.00279	20	0.20689	0.00761	0.00156

Method	AOAC 18th	Method Code	- Pass 1 Results for 206 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 205 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Magnesium, Misc.		027.99	4	0.20163	0.00650	0.00375	4	0.20163	0.00650	0.00375
Method Group 027.XX PCT			91	0.20565	0.00828	0.00434	84	0.20569	0.00798	0.00307
Manganese, AA	968.08	028.01	29	99.2027	9.06542	3.44072	29	98.1824	9.91594	3.13797
Manganese, ICP, Dry Ash	968.08	028.03	33	102.190	6.59469	4.57736	31	101.847	6.25389	3.84042
Manganese, ICP, Wet Ash	968.08	028.05	26	104.014	7.85321	4.96731	26	104.014	7.85321	4.96731
Manganese, Misc.		028.99	5	101.484	14.4790	4.24000	5	101.484	14.4790	4.24000
Method Group 028.XX PPM			93	101.730	8.44684	4.31381	90	101.566	8.39699	3.94649
Mercury,		029.00	1	0.00450	0.00071	0.00100	1	0.00450	0.00071	0.00100
Nitrate, Color	968.07	030.00	1	53.0000	1.41421	2.00000	1	53.0000	1.41421	2.00000
Phosphorus, Vol	964.06	031.00	1	0.77225	0.01817	0.02570	1	0.77225	0.01817	0.02570
Phosphorus, Photometric	965.17	031.01	54	0.76810	0.02302	0.00723	51	0.77004	0.01970	0.00589
Phosphorus, GQMP (2.028)	964.06	031.02	5	0.76469	0.03829	0.01226	5	0.76469	0.03829	0.01226
Phosphorus, Autoanalyzer		031.03	10	0.76086	0.03317	0.01156	10	0.76086	0.03317	0.01156
Phosphorus, ICP		031.05	71	0.77465	0.03284	0.01438	69	0.77443	0.03279	0.01291
Phosphorus, Hach Method		031.06	4	0.74925	0.01720	0.02350	4	0.74925	0.01720	0.02350
Phosphorus, Misc		031.99	8	0.79481	0.03714	0.02313	8	0.79481	0.03714	0.02313
Method Group 031.XX PCT			153	0.77149	0.03051	0.01237	148	0.77208	0.02971	0.01130
Potassium, AA	975.03	032.01	25	0.81094	0.05154	0.02234	24	0.81142	0.05187	0.01981
Potassium, Flame Emission	956.01	032.02	8	0.83572	0.04558	0.01726	8	0.83572	0.04558	0.01726
Potassium, ICP		032.05	60	0.82322	0.04279	0.01501	56	0.82548	0.04105	0.01113
Potassium, Misc		032.99	3	0.81500	0.03209	0.01000	3	0.81500	0.03209	0.01000
Method Group 032.XX PCT			96	0.82081	0.04540	0.01695	91	0.82232	0.04459	0.01392
Salt, Sol Cl	943.01	033.00	20	0.39410	0.03969	0.01280	19	0.39642	0.03762	0.00821
Salt, Poten Cl	969.10	033.01	38	0.41494	0.02461	0.00831	37	0.41430	0.02432	0.00727
Salt, Quantab		033.03	8	0.41250	0.06340	0.03000	9	0.39389	0.08067	0.03000
Salt, Ion Sel Electrode		033.05	2	0.40750	0.01708	0.01500	2	0.40750	0.01708	0.01500
Salt, Misc		033.99	8	0.38413	0.04720	0.02350	8	0.38413	0.04720	0.02350
Method Group 033.XX PCT			76	0.40576	0.03830	0.01355	74	0.40607	0.03753	0.01193
Selenium, Fluor	969.06	034.01	2	0.47700	0.01740	0.01400	2	0.47700	0.01740	0.01400
Selenium, AA, Hydride		034.04	5	0.46010	0.01493	0.01860	5	0.46010	0.01493	0.01860
Selenium, ICP		034.05	3	0.42500	0.03507	0.00333	3	0.42500	0.03507	0.00333
Method Group 034.XX PPM			10	0.45295	0.02954	0.01310	10	0.45295	0.02954	0.01310
Sodium, AA		035.00	22	0.12896	0.00966	0.00672	22	0.12896	0.00966	0.00672
Sodium, Ion Sel Electrode		035.01	5	0.13712	0.01914	0.00472	5	0.13712	0.01914	0.00472
Sodium, ICP		035.03	55	0.11972	0.00982	0.00433	53	0.11956	0.00970	0.00364
Sodium, Flame Emission	956.01	035.05	11	0.12398	0.02074	0.00375	11	0.12398	0.02074	0.00375
Sodium, Misc		035.99	5	0.12640	0.01196	0.00240	4	0.12363	0.01159	0.00075
Method Group 035.XX PCT			98	0.12350	0.01300	0.00472	95	0.12334	0.01300	0.00430
Sulfur, (Gravimetric)		036.00	1	0.25000	0.00000	0.00000	1	0.25000	0.00000	0.00000

Method	AOAC 18th	Method Code	- Pass 1 Results for 206 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 205 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Sulfur, ICP		036.03	21	0.25917	0.01632	0.00468	20	0.25813	0.01589	0.00401
Sulfur, LECO		036.04	3	0.26833	0.01472	0.00333	3	0.26833	0.01472	0.00333
Sulfur, Misc		036.99	1	0.26500	0.00707	0.01000	1	0.26500	0.00707	0.01000
Method Group 036.XX PCT			26	0.26010	0.01581	0.00455	25	0.25930	0.01549	0.00401
Zinc, AA	968.08	037.01	32	125.574	8.08089	3.24509	32	125.574	8.08089	3.24509
Zinc, ICP, Dry Ash	968.08	037.03	36	123.322	7.70673	3.33842	34	123.517	7.68153	2.71147
Zinc, ICP, Wet Ash	968.08	037.05	27	124.682	9.34154	4.28444	25	124.463	8.37941	2.24520
Zinc, Misc		037.99	4	117.973	8.21614	4.95000	4	117.973	8.21614	4.95000
Method Group 037.XX PPM			99	124.204	8.40821	3.63137	95	124.225	8.11507	2.86277
Molybdenum, ICP		038.00	8	1.53209	0.23674	0.13894	7	1.48357	0.19025	0.09286
Molybdenum, Misc		038.99	1	1.77500	0.03536	0.05000	1	1.77500	0.03536	0.05000
Method Group 038.XX PPM			9	1.55908	0.23600	0.12906	8	1.52000	0.20337	0.08750
Nickel, AA		039.01	1	1.40000	0.00000	0.00000	1	1.40000	0.00000	0.00000
Nickel, ICP		039.02	5	1.52610	0.67650	0.18120	4	1.80638	0.30814	0.02900
Method Group 039.XX PPM			6	1.50508	0.61388	0.15100	5	1.72510	0.32126	0.02320
Barium, ICP		040.00	1	2.83000	0.04243	0.06000	1	2.83000	0.04243	0.06000
Vanadium, ICP		041.00	3	1.96525	0.13186	0.03383	3	1.96525	0.13186	0.03383
Method Group 041.XX PPM			3	1.96525	0.13186	0.03383	3	1.96525	0.13186	0.03383
Amprolium, Color	961.24	045.00	10	0.01298	0.00114	0.00021	10	0.01298	0.00114	0.00021
Amprolium, HPLC		045.02	7	0.01133	0.00089	0.00019	7	0.01133	0.00089	0.00019
Method Group 045.XX PCT			17	0.01230	0.00132	0.00020	17	0.01230	0.00132	0.00020
Niacin, Micro	944.13	102.01	1	26.3500	0.49497	0.70000	1	26.3500	0.49497	0.70000
Pantothenic Acid, Microbiological	945.74	103.01	1	8.53000	0.14142	0.20000	1	8.53000	0.14142	0.20000
Riboflavin, Fluorometric	970.65	104.00	3	6.09167	0.52358	0.25000	3	6.09167	0.52358	0.25000
Riboflavin, HPLC		104.03	1	5.05500	0.02121	0.03000	1	5.05500	0.02121	0.03000
Method Group 104.XX MG/LB			4	5.83250	0.65281	0.19500	4	5.83250	0.65281	0.19500
Thiamine, HPLC		105.00	1	2.58500	0.10607	0.15000	1	2.58500	0.10607	0.15000
Vitamin A, Color	974.29	106.00	1	6.80000	0.56569	0.80000	1	6.80000	0.56569	0.80000
Vitamin A, HPLC		106.02	19	5.85471	1.56613	0.47269	19	5.85471	1.56613	0.47269
Vitamin A, Misc		106.99	1	5.74500	0.02121	0.03000	1	5.74500	0.02121	0.03000
Method Group 106.XX KU/LB			21	5.89450	1.50461	0.46720	21	5.89450	1.50461	0.46720
Vitamin B12,	952.20	107.00	1	13.4000	0.28284	0.40000	1	13.4000	0.28284	0.40000
Vitamin D3, HPLC		108.02	2	1.93000	0.74018	0.06000	2	1.93000	0.74018	0.06000
Method Group 108.XX KU/LB			2	1.93000	0.74018	0.06000	2	1.93000	0.74018	0.06000
Vitamin E, HPLC		109.02	12	43.6454	8.09322	2.78958	12	43.6454	8.09322	2.78958
Method Group 109.XX MG/KG			12	43.6454	8.09322	2.78958	12	43.6454	8.09322	2.78958
Pyridoxine, (Vitamin B6)	961.15	112.00	1	5.74500	0.55861	0.79000	1	5.74500	0.55861	0.79000
Folic Acid,	944.12	113.01	1	0.59950	0.09970	0.14100	1	0.59950	0.09970	0.14100
Biotin, Microbiological		114.01	1	0.23400	0.00000	0.00000	1	0.23400	0.00000	0.00000

Method	AOAC 18th	Method Code	- Pass 1 Results for 206 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 205 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Alanine, Post-col Ninhydrin Der	994.12	120.00	10	0.97450	0.03435	0.01800	9	0.97333	0.03406	0.01222
Method Group 120.XX PCT			10	0.97450	0.03435	0.01800	9	0.97333	0.03406	0.01222
Arginine, Post-col Ninhydrin Der	994.12	121.00	10	0.96505	0.03412	0.01350	10	0.96505	0.03412	0.01350
Method Group 121.XX PCT			10	0.96505	0.03412	0.01350	10	0.96505	0.03412	0.01350
Aspartic, Post-col Ninhydrin Der	994.12	122.00	11	1.43965	0.04986	0.01505	10	1.43687	0.05077	0.01105
Method Group 122.XX PCT			11	1.43965	0.04986	0.01505	10	1.43687	0.05077	0.01105
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	8	0.31556	0.02975	0.00344	8	0.31556	0.02975	0.00344
Cysteine/Cystine, PAO Post-col OPA Der		124.02	2	0.28175	0.01406	0.00450	2	0.28175	0.01406	0.00450
Cysteine/Cystine, PAO Pre-col AQC Der .		124.05	1	0.33500	0.00707	0.01000	1	0.33500	0.00707	0.01000
Method Group 124.XX PCT			11	0.31118	0.02994	0.00423	11	0.31118	0.02994	0.00423
Glutamic, Post-col Ninhydrin Der	994.12	125.00	11	3.04199	0.08678	0.03095	11	3.04199	0.08678	0.03095
Method Group 125.XX PCT			11	3.04199	0.08678	0.03095	11	3.04199	0.08678	0.03095
Glycine, Post-col Ninhydrin Der	994.12	126.00	11	0.70176	0.01661	0.00715	11	0.70176	0.01661	0.00715
Method Group 126.XX PCT			11	0.70176	0.01661	0.00715	11	0.70176	0.01661	0.00715
Histidine, Post-col Ninhydrin Der	994.12	127.00	11	0.47349	0.04763	0.01045	10	0.46384	0.03724	0.00749
Method Group 127.XX PCT			11	0.47349	0.04763	0.01045	10	0.46384	0.03724	0.00749
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	11	0.60050	0.04728	0.01114	11	0.60050	0.04728	0.01114
Method Group 128.XX PCT			11	0.60050	0.04728	0.01114	11	0.60050	0.04728	0.01114
Leucine, Post-col Ninhydrin Der	994.12	129.00	10	1.57052	0.04280	0.01247	10	1.57052	0.04280	0.01247
Method Group 129.XX PCT			10	1.57052	0.04280	0.01247	10	1.57052	0.04280	0.01247
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	14	0.80063	0.03879	0.00985	14	0.80063	0.03879	0.00985
L-Lysine, Pre-col OPA Der		130.01	1	0.86000	0.01414	0.02000	1	0.86000	0.01414	0.02000
L-Lysine, Pre-col AQC Der		130.05	3	0.84233	0.02537	0.01600	3	0.84233	0.02537	0.01600
Method Group 130.XX PCT			18	0.81088	0.04062	0.01144	18	0.81088	0.04062	0.01144
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	10	0.32330	0.03648	0.01496	9	0.31700	0.03100	0.00996
Methionine, PAO Post-col OPA Der		131.02	2	0.33400	0.02814	0.00600	2	0.33400	0.02814	0.00600
Methionine, PAO Pre-col AQC Der		131.05	2	0.36500	0.05260	0.01000	2	0.36500	0.05260	0.01000
Methionine, Misc		131.99	1	0.25000	0.00000	0.00000	1	0.25000	0.00000	0.00000
Method Group 131.XX PCT			15	0.32540	0.04315	0.01211	14	0.32150	0.04118	0.00869
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	11	0.78293	0.03083	0.00847	10	0.78572	0.03061	0.00632
Method Group 132.XX PCT			11	0.78293	0.03083	0.00847	10	0.78572	0.03061	0.00632
Proline, Post-col Ninhydrin Der	994.12	133.00	10	1.13716	0.06466	0.02839	10	1.13716	0.06466	0.02839
Method Group 133.XX PCT			10	1.13716	0.06466	0.02839	10	1.13716	0.06466	0.02839
Serine, Post-col Ninhydrin Der	994.12	134.00	11	0.77706	0.05747	0.01276	11	0.77706	0.05747	0.01276
Method Group 134.XX PCT			11	0.77706	0.05747	0.01276	11	0.77706	0.05747	0.01276
Threonine, Post-col Ninhydrin Der	994.12	135.00	10	0.61800	0.01689	0.00980	10	0.61800	0.01689	0.00980
Threonine, Pre-col AQC Der		135.05	1	0.60000	0.00000	0.00000	1	0.60000	0.00000	0.00000
Method Group 135.XX PCT			11	0.61636	0.01692	0.00891	11	0.61636	0.01692	0.00891
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	1	0.17100	0.00707	0.01000	1	0.17100	0.00707	0.01000

Method	AOAC 18th	Method Code	- Pass 1 Results for 206 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 205 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	4	0.18534	0.01351	0.00562	3	0.18045	0.01005	0.00083
Tryptophan, Misc		136.99	2	0.16725	0.00377	0.00250	2	0.16725	0.00377	0.00250
Method Group 136.XX PCT			7	0.17812	0.01348	0.00536	6	0.17448	0.00975	0.00292
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	8	0.58113	0.05358	0.01046	7	0.57836	0.05651	0.00667
Method Group 137.XX PCT			8	0.58113	0.05358	0.01046	7	0.57836	0.05651	0.00667
Valine, Post-col Ninhydrin Der	994.12	138.00	11	0.76039	0.06748	0.01675	11	0.76039	0.06748	0.01675
Method Group 138.XX PCT			11	0.76039	0.06748	0.01675	11	0.76039	0.06748	0.01675
Taurine, Post-col Ninhydrin Der	994.12	139.00	1	0.04500	0.00707	0.01000	1	0.04500	0.00707	0.01000
Aflatoxin, Neogen Vera-Tox		300.01	1	4.80000	0.00000	0.00000	1	4.80000	0.00000	0.00000

AAFCO - Feed Check Sample No. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 000.01	--
278	0.6000	.00
--	Method 000.99	--
265	0.2750	-.71
--	Method 001.00	--
504	10.240 R	1.23
001	10.315	1.18
509	10.310	1.16
169	10.025	.31
Avg	9.9264	
027	9.8100	-.36
720	9.7350	-.58
309	9.9150	-.65
029	9.3750	-1.67
--	Method 001.03	--
688	9.9500	.99
663	9.8100	.25
567	9.8000	.20
Avg	9.7613	
686	9.4850	-1.56
--	Method 001.05	--
610	9.6000	.00
--	Method 001.07	--
413	90.250 s	191.45
345	11.385 s	3.88
557	10.845	2.60
130	10.421	1.66
559	10.205	1.08
616	10.180	1.02
590	10.155	.97
098	10.160	.97
550	9.9950	.70
089	10.040	.68
048	10.020	.63
004	9.9400	.58

Lab	Average*	Index
--	Method 001.07	--
129	9.9150	.52
571	9.9700	.51
353	9.9200	.40
199	9.7800	.36
679	9.9000	.35
639	9.8750	.29
588	9.8650	.26
414	9.8550	.25
Avg	9.7538	
178	9.7500	-.12
689	9.7000	-.13
693	9.6475	-.26
609	9.6500	-.27
083	9.6250	-.31
049	9.6450	-.36
669	9.5950	-.39
297	9.6000	-.44
187	9.5500	-.48
671	9.5400	-.51
640	9.5400	-.52
581	9.4850	-.64
278	9.4200	-.80
045	9.4000	-.91
177	9.3300	-1.04
307	9.3250 R	-1.24
015	9.2450	-1.28
074	8.8900 R	-2.13
366	8.7850	-2.30
675	8.5900	-2.77
618	8.6000 s	-3.13
591	8.3600 S	-3.32
140	8.0050 s	-4.16
--	Method 001.08	--
560	7.5150 S	.00

Lab	Average*	Index
--	Method 001.99	--
305	11.215 s	4.19
541	10.455	1.83
681	10.365	1.58
405	10.270	1.05
665	10.205	.92
505	10.135	.63
096	10.100	.46
672	9.9900	.22
676	10.028	.22
Avg	9.9617	
656	9.9400	-.07
357	9.8950	-.27
630	9.8300	-.52
038	9.7400	-.75
619	9.7000	-.88
631	9.6600	-1.02
719	9.5500	-1.39
615	9.5250	-1.54
536	8.8655 s	-3.67
--	Method 002.00	--
679	17.265	1.16
015	17.000	.31
Avg	16.908	
353	16.875	-.51
199	16.490	-1.35
--	Method 002.01	--
685	17.635 s	5.91
666	16.925 R	1.81
652	16.800	1.07
710	16.790	1.01
653	16.700	.50
Avg	16.616	
672	16.600	-.09
043	16.600	-.11
714	16.547	-.40
656	16.275	-1.98

Lab	Average*	Index
--	Method 002.02	--
613	18.525 S	3.24
152	18.250 S	2.72
048	18.120 S	2.47
639	17.835 R	2.01
297	17.130	.63
307	17.100	.55
712	17.060	.48
Avg	16.675	
033	16.750	-.12
669	16.690	-.24
043	16.615	-.36
187	16.510	-.56
042	16.445	-.69
036	16.247	-1.09
169	16.205	-1.13
--	Method 002.03	--
681	17.520	.82
265	17.400	.63
Avg	17.044	
536	16.960	-.86
686	16.295	-1.30
--	Method 002.04	--
509	18.390 S	4.45
405	17.300	1.12
504	17.040	.35
Avg	16.923	
557	16.900	-.42
596	16.450	-1.40
591	15.680 S	-3.67
--	Method 002.05	--
658	17.275	1.97
622	17.138	1.37
620	17.106	1.21
305	17.065	1.12
039	16.940 R	.95
621	17.035	.88

Lab	Average*	Index
--	Method 002.05	--
194	17.020	.81
689	16.950	.54
651	16.906	.40
623	16.864	.19
028	16.850	.19
633	16.846	.04
663	16.850	.04
Avg	16.842	
083	16.805	-.20
552	16.810	-.23
350	16.730	-.54
722	16.651	-.87
177	16.610	-1.05
354	16.590	-1.14
140	16.575	-1.21
178	16.550	-1.35
596	16.450	-1.79
--	Method 002.06	--
687	18.040 s	3.57
108	18.000 s	3.44
417	18.000 s	3.44
541	17.810	2.82
511	17.790 A	2.82
554	17.765	2.67
014	17.715 R	2.61
609	17.575	2.05
726	17.180 R	1.92
616	17.490	1.78
645	17.450	1.71
692	17.400 R	1.66
529	17.420	1.55
504	17.380	1.50
074	17.405	1.49
011	17.405	1.49
185	17.365	1.36
263	17.354	1.33
363	17.325	1.25
121	17.325	1.24

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

AAFCO - Feed Check Sample No. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 002.06 --		--	Method 002.06 --		--	Method 002.06 --		--	Method 002.08 --		--	Method 003.00 --	
345	17.305	1.17	520	17.020	.27	505	16.745	-.68	563	16.495	-.79	353	6.5100 s	6.38
033	17.300	1.17	035	17.015	.25	001	16.735	-.71	309	16.425	-1.15	194	6.4500 s	5.92
130	17.094 R	1.13	138	17.015	.25	129	16.710	-.78				596	6.4000 s	5.57
671	17.275	1.12	008	16.995	.24	660	16.765	-.81	--	Method 002.10 --		354	5.8650	1.79
037	17.265	1.10	132	16.965	.22	358	16.715	-.81	629	16.930	1.48	190	5.8350	1.71
047	17.230	1.01	003	16.960	.20	646	16.695	-.85	688	16.650 R	.70	106	5.8300	1.54
175	17.250	1.00	065	16.980	.12	512	16.685	-.88	546	16.720	.67	175	5.6750 R	1.12
144	17.250	1.00	051	16.960	.11	353	16.675	-.89	619	16.700	.51	265	5.7550	1.03
647	17.240	.95	Avg	16.948		038	16.675	-.89	723	16.640	.27	309	5.6450 R	.91
168	17.215	.88	027	16.935	-.05	550	16.718	-.93	Avg	16.578		307	5.7000	.62
017	17.200	.85	407	16.925	-.08	693	16.662	-.94	596	16.450	-.58	017	5.6800	.60
202	17.205	.84	009	16.915	-.11	159	16.661	-.94	675	16.420	-.67	032	5.6900	.56
610	17.200	.82	674	16.920	-.16	141	16.704	-.96	631	16.185	-1.66	039	5.6801	.48
619	17.200	.82	045	16.890	-.21	229	16.650	-.98				300	5.6250	.40
122	17.150	.78	668	16.886	-.22	208	16.650	-.99	--	Method 002.11 --		048	5.6150	.11
672	17.150	.68	590	16.890	-.23	018	16.640	-1.01	032	17.685	1.91	509	5.6200	.09
574	17.140	.65	354	16.865	-.28	720	16.650	-1.14	178	17.300	.79	Avg	5.6118	
171	17.100	.59	573	16.914	-.30	226	16.600	-1.18	688	17.300	.73	152	5.6050	-.18
013	17.105	.58	205	16.860	-.30	598	16.600	-1.20	724	17.190	.41	026	5.5800	-.24
026	17.120	.56	106	16.855	-.31	110	16.570	-1.24	665	17.150	.33	035	5.5800	-.24
019	17.005	.54	278	16.850	-.36	100	16.535	-1.47	631	17.135	.32	164	5.5600	-.37
709	17.100	.52	725	16.850	-.36	615	16.490	-1.50	011	17.150	.31	129	5.5600	-.46
098	17.100	.50	199	16.840	-.37	242	16.470	-1.57	Avg	17.061		563	5.5500	-.56
684	17.095	.49	089	16.835	-.37	596	16.450	-1.64	672	16.980	-.29	027	5.4850	-.93
571	17.094	.49	096	16.920	-.37	309	16.480	-1.66	297	16.970	-.41	187	5.4800	-.97
010	16.985	.49	042	16.845	-.38	686	16.425	-1.73	588	16.775	-.91	033	5.4350	-1.26
034	17.090	.47	589	16.855	-.41	039	16.848 R	-1.79	567	16.650	-1.27	616	5.3950	-1.53
160	17.080	.44	357	16.810	-.45	119	16.365	-1.93	596	16.450	-1.88	615	5.3350	-1.97
164	17.075	.44	366	16.810	-.45	539	16.140	-2.65	640	14.725 s	-7.22	132	5.1700 A	-3.24
029	17.035	.40	673	16.800	-.48	294	16.090	-2.81				726	5.3000 s	-6.93
413	17.050	.37	300	16.800	-.49	527	15.600 s	-4.41	--	Method 002.99 --		527	3.5000 s	-14.93
650	16.960	.36	004	16.795	-.50				655	18.215 S	1.51			
588	17.030	.35	559	16.795	-.54	--	Method 002.08 --		643	17.830	.93	--	Method 003.01 --	
670	17.055	.35	510	16.800	-.58	062	16.951	1.61	719	17.750	.81	504	5.2350	.71
148	17.050	.33	036	16.765	-.60	610	16.800	.97	Avg	17.048				
021	17.035	.32	298	16.760	-.62	208	16.700	.30	676	16.765	-.68	--	Method 003.04 --	
049	17.000	.31	414	16.750	-.65	Avg	16.644		724	16.680	-.81	681	5.8850	.71
190	17.035	.29	233	16.750	-.65	414	16.625	-.66	640	16.640	-.88			
618	16.958	.29	567	16.750	-.67	160	16.510	-.71	630	16.625	-.89			

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 003.06	--
689	6.0500 s	3.48
557	5.8450	2.07
074	5.7600 R	1.87
588	5.7400	1.44
511	5.6150 R	1.32
688	5.6500	.90
297	5.6450	.88
529	5.6500	.87
684	5.6450	.83
647	5.6050	.73
407	5.6150	.69
581	5.6100	.62
229	5.5700	.47
709	5.5650	.35
640	5.5300	.33
552	5.5150	.28
613	5.5200	.07
Avg	5.5148	
199	5.5000	-.16
122	5.4850	-.24
009	5.4750	-.29
669	5.4700	-.31
148	5.4550	-.38
169	5.4500	-.42
159	5.4450	-.44
185	5.3750	-.87
559	5.3700	-.91
294	5.3300	-1.18
567	5.3500 R	-1.39
574	5.2550	-1.63
621	5.0700	-2.78
658	4.6500 s	-5.41
--	Method 003.09	--
029	5.8950	2.19
685	5.8550	1.98
098	5.7600 R	1.84
004	5.7850	1.49
505	5.7100	1.20
226	5.7000	1.15
656	5.6150	.79
140	5.6600	.73
354	5.6300	.52
722	5.6036	.42
510	5.6000	.33
202	5.5950	.30
Avg	5.5472	
001	5.5400	-.08
038	5.5350	-.17
013	5.5250	-.21
263	5.5060	-.26
723	5.4800	-.43
653	5.5150	-.46
590	5.5250	-.49
651	5.4640	-.57
350	5.4563	-.58
674	5.4550	-.58
633	5.4561	-.61
620	5.4835	-.61
305	5.4350	-.74
675	5.4300	-.74
121	5.4200	-.88
673	5.4000	-.92
413	5.4500	-1.12
358	5.3650 R	-1.59
714	5.1430	-2.55
--	Method 003.10	--
591	6.7450 s	8.44
596	5.8500	2.65
639	5.7700	2.12
108	5.4600 R	1.37
366	5.5800	.90
618	5.5764	.88
160	5.5750	.86
045	5.5700	.83
298	5.5500	.68
573	5.5265	.63
062	5.5230	.51
693	5.4700	.48
345	5.5000	.48
034	5.5000	.44
672	5.5000	.35
233	5.4750	.25
Avg	5.4454	
042	5.4300	-.12
178	5.4000	-.29
119	5.4000	-.30
144	5.3950	-.33
208	5.3900	-.38
629	5.3850	-.39
098	5.3900	-.48
100	5.3700	-.49
520	5.3550	-.61
089	5.3400	-.68
363	5.3250	-.78
242	5.3100	-.88
651	5.3100	-.89
051	5.3100	-1.06
720	5.1650	-1.82
679	5.1200	-2.11
619	4.9100 s	-3.48
609	4.3950 s	-6.87
623	2.8821 s	-16.65
--	Method 003.11	--
297	5.8650	1.55
032	5.7850	1.29
665	5.7500	1.20
567	5.6000	.78
011	5.4000	.09
Avg	5.3718	
688	5.2500	-.41
724	5.1800	-.61
631	5.1400	-.73
178	5.1000	-.85
640	5.3700 R	-.91
588	5.0150	-1.12
672	5.0050	-1.16
--	Method 003.12	--
670	5.7250	1.26
357	5.6500	.82
Avg	5.5380	
171	5.5200	-.29
414	5.4650	-.50
646	5.3300	-1.39
--	Method 003.13	--
028	5.5200	.71
205	5.4530	.49
Avg	5.3060	
660	4.9450	-1.32
--	Method 003.14	--
185	6.0100	2.07
019	5.5200	1.13
021	5.5650	.63
414	5.5700	.52
686	5.4800	.18
144	5.4650	.14
598	5.4500	.08
Avg	5.4283	
110	5.3550	-.26
278	5.3000	-.45
175	5.1050	-1.14
049	5.1450	-1.34
550	5.1750	-1.36
--	Method 003.99	--
655	7.6250 s	14.09
417	6.7750 S	7.99
652	6.6000 S	6.80
724	6.4500 S	5.81
630	5.7900	1.48
631	5.7700	1.40
676	5.6375	.47
719	5.5950	.41
047	5.6000	.22
Avg	5.5662	
671	5.5550	-.08
710	5.4850	-.54
546	5.4600	-.70
536	5.4700	-.78
725	5.3000	-1.87
--	Method 004.00	--
345	4.7000 s	5.55
557	4.6100 s	5.06
596	3.9000	1.80
048	3.8100	1.33
511	3.8000	1.27
265	3.7750	1.25
169	3.7300	.95
190	3.7100	.91
164	3.6500	.61
034	3.6550	.60
559	3.6250	.54
009	3.6000	.47
309	3.6250	.46
132	3.5950	.35
563	3.5750	.25
509	3.5550	.14
042	3.5450	.11
199	3.5450	.08
Avg	3.5280	
510	3.5000	-.13
208	3.5200	-.19
159	3.4320	-.45
354	3.3700	-.75
171	3.3850	-.78
298	3.3300	-.93
647	3.3050	-1.06
666	3.2600	-1.35
194	3.2200	-1.44

* 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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 004.00	--
504	3.1650	-1.76
353	3.1850 R	-1.89
175	3.0750	-2.12
726	2.9050 s	-3.28
226	2.7500 A	-3.64
--	Method 004.01	--
366	4.3850	.71
--	Method 004.03	--
679	4.1700	1.02
045	3.9450	.08
Avg	3.9267	
619	3.6650	-1.20
--	Method 004.06	--
613	4.6500	2.46
552	4.3750	1.70
720	4.3200	1.55
609	4.2450	1.27
675	4.1450	.99
673	4.1000	.89
029	4.0350	.68
653	3.9950	.58
205	3.9750	.49
140	3.8950	.41
722	3.9011	.33
038	3.8350	.32
723	3.9150	.30
178	3.9000	.25
554	3.8600	.14
620	3.8428	.10
Avg	3.8138	
590	3.8100	-.03
621	3.7350	-.24
350	3.7144	-.29
354	3.6700	-.42
588	3.6500	-.48
633	3.6330	-.53
--	Method 004.06	--
656	3.6350	-.56
672	3.6500	-.65
027	3.6200	-.66
689	3.7000 R	-.68
508	3.4972	-.93
710	3.4700	-1.02
098	3.4850 R	-1.12
610	3.4000	-1.22
591	3.3550	-1.35
688	3.3500	-1.37
670	3.0500	-2.25
--	Method 004.07	--
639	4.8350	2.91
407	4.5000	2.16
294	4.3500	1.82
019	4.2150	1.55
278	4.2000	1.50
581	4.1300	1.34
669	4.1200	1.31
144	4.0800	1.22
033	3.9700	.98
028	3.9500	.93
011	3.9150	.85
096	3.6400	.48
709	3.7000	.39
185	3.7087	.38
708	3.6700	.33
643	3.5950	.19
042	3.5550	.07
074	3.5550	.07
Avg	3.5396	
520	3.4750	-.15
003	3.5050	-.19
300	3.4500	-.21
110	3.4550	-.30
529	3.3900	-.34
032	3.3750	-.37
089	3.3700	-.38
--	Method 004.07	--
414	3.4750	-.40
021	3.4000	-.40
567	3.3500	-.44
505	3.3250	-.49
631	3.3050	-.53
242	3.2850	-.58
686	3.2750	-.60
026	3.2700	-.61
035	3.2650	-.62
646	3.2500	-.66
100	3.1850	-.80
122	3.1750	-.82
229	3.1600	-.85
008	3.2000	-.86
674	3.1550	-.87
307	3.1500	-.88
013	3.1100	-.96
413	3.1000	-1.01
202	2.9800	-1.26
536	3.1400 R	-1.30
160	2.8700	-1.50
004	2.8300	-1.59
--	Method 004.11	--
011	4.1000	1.61
665	4.0200	1.00
672	4.0000	.84
567	3.9500	.59
Avg	3.8939	
688	3.8500	-.52
724	3.8050	-.69
178	3.8000	-.73
631	3.7900	-.90
032	3.7300	-1.34
640	3.5700 R	-2.82
588	2.9250 s	-7.55
--	Method 004.99	--
655	5.5100 S	4.17
676	4.1193	1.73
724	3.5000	.65
Avg	3.1299	
598	3.0800	-.15
640	2.8550	-.54
629	2.7500	-.67
719	2.4750	-1.15
--	Method 005.00	--
639	7.2150 s	9.51
643	5.9250	2.83
520	5.8450	2.42
726	5.8050	2.29
185	5.7600	1.98
655	5.7550	1.96
720	5.7400	1.87
591	5.6700	1.51
679	5.6650	1.49
226	5.6500	1.43
307	5.6500	1.42
108	5.6450	1.38
689	5.6200	1.28
567	5.6000	1.15
640	5.6000	1.15
675	5.5950	1.13
722	5.5925	1.11
674	5.4300 R	1.02
132	5.5650	.98
723	5.5633	.96
688	5.5500	.93
672	5.5500	.93
710	5.5550	.92
629	5.5550	.92
294	5.5450	.87
159	5.5345	.82
631	5.4850	.81
229	5.5250	.76
693	5.5200	.75
--	Method 005.00	--
666	5.4950	.75
187	5.5150	.72
557	5.5150	.71
669	5.5050	.66
175	5.4950	.62
613	5.4900	.60
651	5.4870	.56
563	5.4850	.56
686	5.4700	.50
004	5.3900	.47
671	5.4650	.47
653	5.4650	.46
305	5.4650	.46
178	5.4500	.45
645	5.4500	.45
413	5.4500	.45
647	5.4550	.44
354	5.4600	.43
148	5.4600	.42
590	5.4550	.42
646	5.4550	.40
620	5.4450	.38
045	5.4500	.38
529	5.4500	.37
350	5.4204	.33
656	5.4350	.32
407	5.4400	.32
588	5.4350	.30
278	5.4300	.27
035	5.4300	.27
414	5.4200	.27
505	5.4200	.27
633	5.4280	.26
358	5.3850	.24
559	5.4200	.22
119	5.4050	.19
164	5.3900	.12
357	5.4000	.11
202	5.3800	.01

* 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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 005.00	--
Avg	5.3782	
152	5.3600	-.14
552	5.3500	-.15
034	5.3450	-.17
298	5.3400	-.20
300	5.3350	-.24
171	5.3600	-.28
144	5.3250	-.29
083	5.3250	-.30
366	5.3300	-.32
619	5.3400	-.33
548	5.3225	-.33
048	5.3100	-.36
363	5.3050	-.38
033	5.3050	-.38
001	5.3100	-.39
098	5.3200	-.40
297	5.3000	-.40
504	5.3000	-.43
038	5.3350	-.49
140	5.2850	-.52
089	5.2750	-.54
242	5.2750	-.54
138	5.2750	-.55
062	5.2765	-.56
199	5.2700	-.57
049	5.2750	-.58
541	5.3550	-.66
130	5.2394	-.73
660	5.2900	-.73
021	5.2450	-.75
712	5.2300	-.77
015	5.2250	-.81
709	5.3550 R	-.86
008	5.2000	-.94
658	5.1900	-.98
353	5.1900	-.98
609	5.2850 R	-.98
110	5.2600 R	-.99
--	Method 005.00	--
194	5.1800	-1.03
100	5.1750	-1.05
510	5.1750	-1.05
539	5.2000	-1.06
623	5.2835 R	-1.08
598	5.1700	-1.09
160	5.1700	-1.09
668	5.1680	-1.09
616	5.3000 R	-1.11
527	5.1550	-1.16
027	5.1450	-1.21
019	5.1450	-1.23
615	5.2500 R	-1.23
670	5.1400	-1.23
550	5.1350	-1.27
121	5.1700 R	-1.30
621	5.1250	-1.31
650	5.1250	-1.32
622	5.1158	-1.36
029	5.1150	-1.36
169	5.1050	-1.42
596	5.1000	-1.44
417	5.0900	-1.55
205	5.1160 R	-1.61
345	5.0650	-1.63
265	5.0550	-1.69
129	5.0850 R	-1.74
309	5.0350	-1.79
051	5.0250	-1.86
684	4.9950	-2.03
618	4.8996	-2.52
--	Method 005.02	--
610	5.6100	.71
--	Method 005.11	--
588	6.1550 S	1.20
178	5.9500	.42
688	5.9500	.42
--	Method 005.11	--
Avg	5.7838	
631	5.7700	-.38
640	5.4650	-1.60
724	4.6150 S	-5.04
665	4.1550 S	-6.92
--	Method 005.99	--
725	21.850 s	97.50
719	5.5550	1.18
673	5.5000	1.04
676	5.5030	.88
724	5.5000	.85
652	5.4500	.63
688	5.4000	.26
536	5.3700	.09
Avg	5.3557	
663	5.3450	-.16
630	5.2450	-.90
096	5.3000 R	-1.23
681	5.1850	-1.36
122	5.1150	-1.42
208	5.1000	-1.53
--	Method 008.02	--
179	14.060 s	8.83
527	11.105 s	5.82
226	7.3500	2.00
613	7.1050	1.75
675	6.4550	1.10
405	6.4300	1.07
187	5.4800	.11
Avg	5.3827	
148	5.3550	-.03
045	5.2350	-.15
354	5.0350	-.36
171	4.8900	-.51
309	4.8550	-.54
098	4.8300	-.57
038	4.5700	-.83
--	Method 008.02	--
726	4.5800	-.84
619	4.5200	-.89
353	4.4600 R	-1.02
684	4.0500	-1.36
--	Method 008.05	--
265	5.1500	-.71
--	Method 008.08	--
185	6.0900 R	2.60
278	5.9000	2.05
001	5.9150 X	2.04
536	5.5550 R	1.59
510	5.6500	1.50
581	5.3750	1.09
414	5.3250	.85
413	5.2500	.76
049	5.2250	.67
037	4.9700	.46
357	4.9500	.32
646	5.0000	.22
Avg	4.9050	
693	4.8350	-.14
529	4.7450	-.32
686	4.7650	-.44
294	4.6150	-.59
035	4.6100	-.59
674	4.5900	-.74
033	4.5100	-.80
004	4.6700	-.83
725	4.5000	-.84
160	4.4150	-.99
026	4.3600	-1.11
202	4.3350	-1.15
653	4.3050	-1.21
--	Method 008.99	--
673	6.4500	1.37
297	6.2000	1.02
307	5.6000	.24
Avg	5.4583	
656	5.1300	-.45
358	4.7900	-.92
164	4.5800	-1.21
--	Method 009.04	--
726	15.215	.71
--	Method 009.07	--
226	16.950	1.80
613	16.915	1.78
656	15.815	1.09
297	15.450	.87
045	14.720	.44
693	14.450	.24
164	14.370	.19
Avg	14.073	
307	14.000	-.08
684	13.695	-.27
309	13.385	-.43
038	13.195	-.57
354	13.105	-.61
187	13.075	-.63
663	12.890	-.75
098	11.790	-1.44
353	11.360	-1.69
--	Method 009.09	--
536	49.865 s	43.15
185	15.701	2.39
674	14.995	1.61
049	14.505 R	1.24
414	14.685	1.16
686	14.145	.53
265	14.100	.47
529	14.080	.38

* 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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 009.09	--
294	14.075	.38
357	13.850	.12
Avg	13.761	
202	13.615	-.18
510	13.750	-.18
581	13.380	-.46
653	13.380	-.48
646	13.325	-.55
037	13.375	-.57
413	13.150	-.79
278	13.100	-.79
160	12.690	-1.28
725	12.300	-1.75
--	Method 009.99	--
619	23.100 S	19.96
673	14.500	1.16
Avg	14.425	
643	14.350	-.39
--	Method 010.03	--
546	7.2300 S	.00
--	Method 010.11	--
724	10.635	1.23
688	10.500	.84
631	10.410	.49
178	10.400	.42
640	10.395	.42
Avg	10.275	
032	10.175	-.34
567	9.9000	-1.32
588	9.7850	-1.69
--	Method 010.99	--
417	11.075	1.68
714	10.704	1.13
141	10.395	.69
666	10.350	.61
--	Method 010.99	--
652	10.200	.41
724	10.200	.39
673	10.050	.18
035	10.015	.12
037	9.9800	.06
Avg	9.9378	
613	9.7000	-.35
527	9.6550	-.42
655	9.3100	-.93
168	9.2050	-1.08
726	9.1500 R	-1.20
712	8.2900	-2.42
725	5.4500 s	-6.60
--	Method 011.01	--
108	12.085 s	4.56
242	11.505	2.41
051	11.235	1.52
541	11.210	1.47
033	11.165	1.30
646	11.140	1.22
559	11.110	1.14
623	11.096	1.12
032	11.000 R	1.00
573	11.074	1.00
414	11.050	.99
205	11.030	.95
643	11.050	.93
650	11.030	.86
119	11.020	.82
407	11.020	.82
300	10.870 R	.79
008	10.995	.79
202	11.010	.79
668	10.946 R	.76
098	10.995	.76
160	11.000	.75
208	11.000	.75
520	10.975	.70
--	Method 011.01	--
138	10.975	.68
185	10.975	.67
233	10.950	.59
363	10.945	.58
645	10.900	.54
529	10.930	.53
309	10.910	.49
354	10.910	.49
670	10.915	.48
159	10.900	.43
100	10.895	.43
194	10.875	.35
164	10.850	.26
148	10.850	.26
350	10.840	.25
622	10.811	.15
723	10.810	.13
563	10.780	.07
Avg	10.770	
653	10.755	-.05
229	10.740	-.10
598	10.720	-.16
674	10.725	-.17
722	10.716	-.18
548	10.715	-.19
620	10.739	-.19
539	10.715	-.31
034	10.685	-.32
651	10.694	-.34
298	10.660	-.36
591	10.650	-.40
062	10.655	-.40
226	10.650	-.43
511	10.635	-.47
175	10.750	-.50
152	10.600	-.56
510	10.700 R	-.69
144	10.590	-.71
132	10.510	-.86
--	Method 011.01	--
701	10.450	-1.05
021	10.460	-1.08
710	10.440	-1.08
171	10.425	-1.17
647	10.445 R	-1.21
121	10.370	-1.31
633	10.356	-1.36
552	10.315	-1.50
294	10.310	-1.51
658	10.290	-1.57
358	10.250	-1.71
660	10.210	-1.87
621	10.170	-1.97
122	10.005	-2.51
675	9.9900	-2.56
596	9.6500 s	-3.68
--	Method 011.99	--
684	10.020	.71
Avg	10.020	
265	9.6300 S	-5.73
--	Method 012.00	--
689	40.950	1.30
178	40.500	.89
548	40.490	.84
Avg	39.688	
559	39.550	-.15
672	39.250	-.48
653	38.775	-.95
567	39.000 R	-1.25
673	38.300	-1.46
354	29.130 s	-15.00
--	Method 012.01	--
686	37.115	.79
Avg	36.186	
185	35.257	-.93
--	Method 012.02	--
159	38.870	-.71
--	Method 012.03	--
098	38.850	1.25
Avg	38.017	
684	37.855	-.39
297	37.345	-.89
--	Method 012.04	--
051	42.250	1.87
038	38.120 R	.40
Avg	37.456	
160	36.830	-.24
353	36.550	-.38
278	35.850	-.63
510	35.800	-.65
--	Method 012.99	--
619	48.600 S	.00
--	Method 013.02	--
130	7.2973 s	3.07
171	6.8250	1.09
003	6.8250	1.07
643	6.7650	1.00
008	6.6150 R	.94
100	6.7700	.92
014	6.6800	.79
051	6.6700	.65
354	6.6100	.54
033	6.6000	.49
548	6.5250	.27
581	6.4650	.23
650	6.4900	.17
Avg	6.4285	
645	6.4000	-.08
065	6.4000	-.08
026	6.3750	-.15
208	6.3650	-.18

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

AAFCO - Feed Check Sample No. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 013.02	--
229	6.4100	-.20
671	6.3000	-.36
616	6.0800	-.94
011	5.6400 R	-2.33
164	5.5450	-2.39
414	5.4700	-2.60
675	5.4200 s	-5.06
--	Method 013.10	--
656	7.0550	1.88
140	7.0250	1.82
591	6.9450	1.57
353	6.6550	.80
096	6.5100	.41
714	6.3980	.19
Avg	6.3758	
539	6.3700	-.06
666	6.3400	-.11
177	6.2950	-.22
062	6.2770	-.29
672	6.2500	-.37
185	6.2100	-.46
688	6.1500	-.64
660	6.1250	-.69
673	6.1000	-.76
554	6.0300 R	-1.16
160	5.8685	-1.41
610	5.9000 R	-1.42
663	5.8150	-1.55
--	Method 013.13	--
042	6.7250	.71
--	Method 013.99	--
689	6.9500	.71

Lab	Average*	Index
--	Method 015.00	--
616	243.50	1.73
520	208.00	.76
414	200.00	.53
045	195.00	.39
011	180.94	.07
Avg	180.93	
164	179.90	-.03
345	174.95	-.17
154	174.50	-.23
353	155.06 R	-.80
560	150.00	-.86
021	102.50	-2.17
--	Method 016.00	--
567	0.1150	.97
Avg	0.1003	
619	0.0855	-.74
--	Method 016.02	--
154	0.0650	.71
--	Method 017.00	--
353	11.935 S	7.19
613	12.705 S	7.16
560	8.9250	1.01
345	8.4500	.41
693	8.4000	.19
Avg	8.2750	
414	8.0500	-.52
045	7.5500	-1.73
--	Method 017.99	--
307	9.6950	-.71
--	Method 018.02	--
011	0.1028	1.32
Avg	0.0943	
567	0.0900	-.62
154	0.0900	-.62

Lab	Average*	Index
--	Method 019.00	--
647	1.1500 S	3.81
552	1.0300	1.56
646	1.0300	1.55
043	1.0250	1.53
679	0.9800	.61
722	0.9708	.44
681	0.9550	.17
194	0.9550	.17
Avg	0.9474	
689	0.9400	-.23
621	0.9000	-.89
175	0.9000	-.91
622	0.8974	-.94
633	0.8947	-.99
651	0.8935	-1.02
620	0.8925	-1.03
623	0.8858 R	-1.84
132	0.0982 s	-15.97
--	Method 019.01	--
596	1.7500 s	12.87
674	1.0900 s	2.66
720	1.1000	2.57
013	1.0800	2.28
709	1.0450 R	1.85
675	1.0400	1.63
122	1.0250	1.39
169	1.0100	1.16
278	0.9950	.95
710	0.9850	.76
035	0.9850	.76
588	0.9775	.64
129	0.9765	.62
034	0.9750	.60
619	0.9685	.58
631	0.9450 R	.57
036	0.9715	.54
505	0.9650	.50
019	0.9650	.45

Lab	Average*	Index
--	Method 019.01	--
263	0.9634	.42
354	0.9600	.40
233	0.9600	.40
563	0.9600	.40
065	0.9615	.39
014	0.9570	.39
205	0.9605	.37
658	0.9565	.31
650	0.9550	.29
018	0.9430	.27
350	0.9485	.24
208	0.9440	.21
612	0.9500	.20
038	0.9480	.20
620	0.9460	.14
669	0.9445	.13
Avg	0.9370	
026	0.9350	-.09
001	0.9315	-.10
307	0.9300	-.19
504	0.9239	-.26
656	0.9200	-.27
010	0.9250	-.30
039	0.9156	-.34
098	0.9350	-.40
178	0.9100	-.46
152	0.9100	-.46
141	0.9220	-.56
004	0.8950	-.67
363	0.8900	-.74
670	0.8800	-.92
511	0.8800	-.96
687	0.8600	-1.23
548	0.8580	-1.27
554	0.8550	-1.30
653	0.8500	-1.38
130	0.9358 R	-1.44
108	0.8200	-1.85
536	0.7974	-2.21

Lab	Average*	Index
--	Method 019.01	--
591	0.7950	-2.25
609	0.7850	-2.40
--	Method 019.03	--
048	1.0500	1.38
307	1.0300	.96
033	1.0100	.56
Avg	0.9858	
036	0.9805	-.15
043	0.9750	-.39
686	0.9350	-1.08
613	0.9200	-1.41
--	Method 019.05	--
159	1.0180	2.25
185	1.0015	1.79
242	0.9950	1.62
208	0.9855	1.38
049	0.9800	1.21
100	0.9550 R	1.08
405	0.9750	1.08
008	0.9700	.97
029	0.9685	.90
510	0.9650	.81
613	0.9650	.81
413	0.9600	.72
414	0.9600	.72
074	0.9550	.67
294	0.9600	.67
148	0.9580	.62
512	0.9478	.49
011	0.9469	.34
164	0.9455	.28
187	0.9430	.22
598	0.9400	.13
Avg	0.9353	
229	0.9350	-.13
297	0.9350	-.13
407	0.9300	-.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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 019.05 --	
298	0.9300	-.30
300	0.9200	-.43
083	0.9200	-.49
557	0.9170	-.49
610	0.9170	-.50
265	0.9300	-.56
520	0.9150	-.56
560	0.9135	-.60
144	0.9275	-.64
168	0.9030	-.87
026	0.9026	-.89
051	0.9000	-.95
171	0.9000	-.99
645	0.8976	-1.02
685	0.8950	-1.16
550	0.9085 R	-1.18
226	0.8850	-1.36
089	0.8800	-1.49
358	0.8850	-1.51
701	0.8730	-1.72
003	0.8650	-1.90
--	Method 019.08 --	
689	1.2350 S	5.04
590	1.0500	1.54
723	1.0040	.15
Avg	0.9970	
138	0.9840	-.28
673	0.9500	-1.01
--	Method 019.09 --	
567	9.7000 s	190.54
047	1.2969 s	7.64
042	1.1200 s	3.79
032	1.0450 R	2.32
035	1.0300	1.79
572	0.9980	1.23
106	0.9955	1.02
190	0.9900	.93
--	Method 019.09 --	
199	0.9858	.81
110	0.9800	.69
726	0.9750	.66
202	0.9700	.52
096	0.9650	.49
353	0.9650	.38
037	0.9550	.36
017	0.9600	.33
027	0.9600	.33
028	0.9600	.33
357	0.9500	.03
Avg	0.9484	
160	0.9390	-.23
045	0.9355	-.29
366	0.9350	-.31
021	0.9290	-.42
345	0.9300	-.46
693	0.9255	-.59
186	0.9116	-.80
616	0.8790	-1.52
154	0.8713	-1.69
309	0.8150	-2.90
038	0.8165 s	-2.95
--	Method 019.99 --	
588	1.2300 s	6.38
529	1.0050	1.61
725	0.9750	1.14
121	0.9605	.76
Avg	0.9203	
692	0.9100	-.43
724	0.8900	-.58
629	0.8900	-.61
676	0.8670	-1.01
665	0.8650	-1.05
--	Method 020.00 --	
164	2.6500	1.04
Avg	2.6100	
208	2.5700	-.65
--	Method 020.01 --	
021	7.2000 s	11.42
154	3.0500	1.63
045	2.6500	.77
171	2.5000	.33
Avg	2.3591	
011	2.3335	-.09
560	2.2300	-.48
096	2.0000	-.85
567	1.7500	-1.48
--	Method 020.99 --	
616	2.9450	.87
Avg	2.4425	
675	1.9400	-.86
--	Method 021.01 --	
619	1.5000 S	5.68
689	0.7000	.71
Avg	0.7000	
--	Method 021.02 --	
567	1.2000 s	3.68
616	0.9955	2.10
510	0.8700	1.27
186	0.8000	.81
154	0.7150	.26
011	0.6880	.09
Avg	0.6760	
171	0.6500	-.37
021	0.6500	-.37
038	0.6250	-.37
560	0.5980	-.52
572	0.5500	-.84
169	0.5200	-1.03
045	0.4500	-1.52
--	Method 021.99 --	
017	1.0000	.00
--	Method 022.00 --	
229	14.500	.71
--	Method 022.01 --	
620	24.935 s	7.72
175	22.000 s	5.43
722	21.187 s	4.80
141	17.806	2.22
038	16.500	1.23
709	15.950	1.22
689	16.000	1.10
208	16.200	.93
619	16.050	.89
363	16.045	.82
004	16.000	.78
505	15.500	.55
307	15.150	.52
590	15.010	.40
350	15.100	.17
646	15.150	.16
Avg	15.000	
098	15.000	.00
588	15.000	.00
278	15.000	-.16
675	14.725	-.29
653	14.463	-.57
178	14.750	-.61
658	14.180	-.71
013	13.800	-.93
669	13.740	-.98
596	14.000	-1.10
548	13.434	-1.24
354	13.360	-1.27
591	12.090	-2.27
720	9.3750 S	-4.36
035	7.5000 s	-5.83
--	Method 022.03 --	
159	21.510 s	7.41
003	21.500 s	6.77
265	20.000 s	5.44
074	16.500	2.15
144	16.100	1.73
008	15.650	1.31
164	15.400	1.08
187	15.110	.81
100	15.000	.70
413	14.550	.67
171	14.500	.52
405	14.500	.52
083	14.500	.52
560	14.500	.52
358	14.425	.41
029	14.560	.29
414	14.300	.19
148	14.350	.17
011	14.353	.10
Avg	14.246	
049	14.210	-.05
242	14.000	-.23
510	14.000	-.23
407	13.930	-.29
701	13.800	-.42
026	13.750	-.46
610	13.500	-.70
613	13.500	-.70
226	13.500	-.84
520	13.000 R	-1.49
550	14.104 R	-1.58
208	12.400	-1.73
297	12.000	-2.09
185	12.000	-2.09
300	12.770 R	-2.15

* 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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 022.03	--
598	9.5000 s	-4.45
--	Method 022.05	--
035	31.000 s	11.31
726	17.705	2.03
353	16.990	1.52
017	16.500	1.23
190	16.410	1.15
042	15.900	.87
027	14.990 R	.84
202	16.000	.83
096	15.000	.71
572	14.850	.52
021	15.450	.48
616	15.200	.28
567	14.930	.23
357	15.000	.14
366	15.000	.14
Avg	14.800	
186	14.450	-.25
160	14.475	-.26
169	14.350	-.31
199	14.255	-.38
294	14.250	-.40
693	14.200	-.44
037	14.400	-.47
038	14.100	-.49
154	14.600	-.57
045	14.750	-.59
345	12.560	-1.55
106	12.350	-1.70
309	11.135	-2.54
028	10.200 s	-3.24
--	Method 022.99	--
692	17.950 S	3.79
529	14.650	1.03
Avg	14.535	
725	14.420	-.67

Lab	Average*	Index
--	Method 022.99	--
121	8.9095 S	-4.30
--	Method 023.01	--
619	0.0030	.00
--	Method 025.01	--
689	284.00	1.89
208	272.00	1.19
658	271.90	1.19
504	269.00	1.07
629	265.50	.86
619	262.00	.85
098	257.00	.66
350	259.15	.54
175	257.00	.50
505	255.50	.37
307	254.00	.34
035	253.50	.26
278	252.00	.17
Avg	248.65	
588	245.50	-.16
591	244.00	-.35
563	241.15	-.39
354	240.95	-.40
038	240.00	-.47
014	238.00	-.56
656	246.45 R	-.73
548	236.12	-.84
675	227.86	-1.12
646	224.50	-1.23
596	217.00	-1.62
670	200.06	-2.48
--	Method 025.03	--
008	283.50	2.03
100	277.50	1.71
159	273.65	1.48
011	273.48	1.48
208	267.50	1.18

Lab	Average*	Index
--	Method 025.03	--
164	266.95	1.11
074	266.00	1.10
148	262.00	.83
049	257.72	.78
029	257.95	.61
083	257.00	.57
414	254.50	.44
229	249.00	.40
242	252.50	.32
405	248.50	.26
520	250.50	.24
297	249.00	.16
Avg	246.87	
510	243.50	-.19
598	241.50	-.30
610	241.25	-.31
413	244.00	-.42
701	239.00	-.45
300	246.15	-.47
171	238.00	-.49
026	237.50	-.52
187	237.32	-.54
407	233.00	-.76
550	232.42	-.87
144	232.20	-.94
557	227.50	-1.08
613	227.00	-1.11
560	226.50	-1.14
003	218.00	-1.61
226	217.00	-1.64
265	211.50	-1.95
--	Method 025.05	--
038	307.50	2.26
572	301.00	2.01
042	282.50	1.24
366	280.50	1.19
309	261.00 R	1.01
017	261.50	.37

Lab	Average*	Index
--	Method 025.05	--
021	257.00	.34
345	260.60	.33
693	258.50	.25
045	258.00	.24
199	255.90	.17
567	254.50	.17
037	254.55	.08
Avg	252.52	
186	252.05	-.04
106	243.00	-.39
160	237.00	-.66
096	235.00	-.75
035	234.50	-.75
616	232.00	-.84
154	226.50	-1.08
726	228.54 R	-1.17
294	223.95	-1.18
169	221.00	-1.30
353	218.30	-1.48
--	Method 025.99	--
725	268.50	1.22
Avg	247.20	
529	233.10	-.69
692	240.00	-.73
--	Method 026.00	--
154	0.1100	.63
Avg	0.0950	
567	0.0800	-1.05
--	Method 026.99	--
619	0.0000	.00
--	Method 027.01	--
141	1.9150 s	207.00
720	0.2500 s	5.31
646	0.2100 R	1.30
169	0.2150	1.23

Lab	Average*	Index
--	Method 027.01	--
656	0.2150	1.23
307	0.2150	1.23
350	0.2151	1.08
038	0.2120	1.02
650	0.2131	.85
129	0.2123	.82
208	0.2115	.65
504	0.2101	.47
098	0.2100	.47
505	0.2095	.44
263	0.2092	.36
722	0.2065	.04
Avg	0.2062	
014	0.2060	-.02
619	0.2045	-.21
563	0.2050	-.39
175	0.2050	-.62
588	0.2010	-.62
035	0.2000	-.74
278	0.2000	-.74
675	0.2000	-.74
609	0.1950	-1.48
596	0.1900	-1.96
130	0.2050 R	-2.12
548	0.1870	-2.35
591	0.1650 s	-5.02
--	Method 027.03	--
003	0.2500 s	5.53
011	0.2223	2.11
159	0.2085 R	1.60
100	0.2150	1.36
008	0.2150	1.36
613	0.2150	1.36
185	0.2148	1.19
300	0.2140	1.15
026	0.2126	1.09
610	0.2130	.97
164	0.2105	.66

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 027.03	--
413	0.2100	.60
414	0.2100	.60
598	0.2100	.60
265	0.2100	.60
074	0.2100	.60
208	0.2075	.34
148	0.2075	.34
187	0.2060	.15
Avg	0.2052	
171	0.2040	-.14
407	0.2020	-.39
557	0.2015	-.46
029	0.2010	-.57
049	0.2050	-.62
242	0.2050	-.62
294	0.2000	-.64
520	0.2000	-.64
297	0.2000	-.64
229	0.2000	-.64
405	0.2000	-.64
051	0.2000	-.64
083	0.2000	-.64
560	0.1985	-.93
144	0.1975	-1.10
510	0.1950	-1.40
358	0.1950	-1.40
550	0.1980 R	-1.73
226	0.1900	-1.87
701	0.1885	-2.08
--	Method 027.05	--
042	0.2375 S	4.03
035	0.2350 S	3.75
037	0.2200	1.72
726	0.2200	1.72
572	0.2190	1.64
106	0.2180	1.48
357	0.2100	.41
567	0.2100	.41
--	Method 027.05	--
160	0.2090	.31
616	0.2070	.13
199	0.2069	.07
Avg	0.2069	
309	0.2055	-.19
345	0.2055	-.19
021	0.2048	-.28
154	0.2045	-.32
186	0.2056	-.54
096	0.2050 R	-.70
353	0.2050 R	-.70
202	0.2000	-.90
017	0.2000	-.90
366	0.2000	-.90
110	0.2000	-.90
693	0.2045 R	-.91
038	0.1985	-1.15
045	0.1935	-1.76
--	Method 027.99	--
725	0.2100	1.29
Avg	0.2016	
692	0.2000	-.25
536	0.2015	-.39
529	0.1950	-1.28
--	Method 028.01	--
620	131.00 s	3.31
722	120.69	2.28
208	111.50	1.34
035	108.50	1.04
014	105.00 R	.99
505	106.50	.85
307	106.00	.79
590	105.47	.77
038	105.50	.75
504	105.00	.72
098	103.50	.54
675	103.05	.50
--	Method 028.01	--
646	102.73	.46
013	102.00	.43
629	100.50	.25
563	100.15	.20
669	99.430	.16
588	98.500	.06
Avg	98.996	
689	96.500	-.18
511	98.000	-.20
178	96.900	-.32
004	95.000	-.34
141	94.850	-.34
619	94.200	-.42
278	91.500	-.69
354	89.235	-.90
548	88.080	-1.15
591	86.100	-1.26
175	83.000	-1.61
596	79.500	-1.90
656	75.410 S	-2.31
350	44.600 s	-5.40
--	Method 028.03	--
414	111.50 R	1.95
008	112.50	1.75
265	103.50 R	1.38
242	109.50	1.29
560	108.00	1.17
074	108.00	1.09
208	108.00	1.00
100	104.50	.98
003	107.50	.94
164	106.30	.71
011	106.21	.71
159	106.25	.71
171	104.00	.59
185	105.00	.50
029	104.50	.49
049	104.18	.38
--	Method 028.03	--
148	103.50	.28
083	102.50	.26
229	103.00	.24
Avg	101.85	
187	99.875	-.32
510	99.500	-.38
026	100.10	-.54
297	98.000	-.64
413	101.80	-.67
300	99.410	-.76
407	95.800	-.97
610	95.600	-1.01
613	95.200	-1.07
520	95.000	-1.09
550	97.898	-1.26
405	94.000	-1.29
144	94.650	-1.59
598	87.000	-2.37
226	82.000 s	-3.18
--	Method 028.05	--
035	229.50 s	16.00
037	119.25	2.11
294	117.75	1.75
572	111.00	1.17
357	112.00	1.14
726	108.30	1.11
190	109.86	.75
353	106.90	.61
021	106.00	.46
042	107.00	.46
345	106.45	.38
160	105.50	.37
106	106.00	.25
567	105.50	.24
366	104.50	.20
Avg	104.01	
169	102.00	-.29
186	103.65	-.33
--	Method 028.05	--
017	101.00	-.40
038	100.75	-.45
045	102.55	-.60
693	101.10	-.65
096	99.000	-.65
309	97.820	-.79
616	97.000	-.95
028	95.500	-1.13
202	92.000	-1.53
154	86.000	-2.33
--	Method 028.99	--
536	121.70	1.40
725	105.00	.38
121	106.77	.37
Avg	101.48	
692	91.450	-.71
529	82.500	-1.33
--	Method 029.00	--
675	0.0045	-.71
--	Method 030.00	--
307	53.000	.71
--	Method 031.00	--
620	0.7723	.71
--	Method 031.01	--
573	7.5920 s	346.42
650	0.8250	2.80
621	0.8100	2.03
669	0.8010	1.64
609	0.8000	1.52
563	0.7950	1.29
194	0.7950	1.29
026	0.7850 R	1.08
619	0.7900	1.01
363	0.7900	1.01

* 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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 031.01 --		--	Method 031.01 --		--	Method 031.05 --		--	Method 031.05 --		--	Method 031.99 --	
018	0.7855	.82	665	0.7450	-1.30	021	0.8150	1.30	008	0.7650	-.33	588	0.9350 S	3.80
647	0.7850	.80	723	0.7435	-1.35	610	0.8155	1.27	520	0.7700	-.33	631	0.8450	1.36
710	0.7850	.80	548	0.7400	-1.53	029	0.8150	1.25	148	0.7630	-.35	552	0.8300	1.09
709	0.7800	.51	122	0.7350	-1.80	645	0.8086	1.12	294	0.7600	-.44	676	0.8235	.80
098	0.7800	.51	039	0.7262	-2.23	572	0.8090	1.12	407	0.7600	-.44	590	0.8000	.30
653	0.7780	.45	511	0.7300 R	-2.27	358	0.7750 R	1.07	298	0.7600	-.54	Avg	0.7948	
036	0.7775	.38	687	0.6900 A	-4.10	027	0.8050	1.04	017	0.7600	-.54	724	0.7800	-.40
035	0.7750	.36	132	0.6893 s	-4.18	096	0.8050	1.04	685	0.7600	-.54	529	0.7700	-.72
175	0.7750	.36	675	0.6700 s	-5.10	353	0.7900 R	1.03	613	0.7550	-.61	673	0.7500	-1.24
674	0.7750	.36	596	0.6650 s	-5.34	512	0.8057	1.01	003	0.7550	-.61	725	0.7600	-1.24
689	0.7750	.36	130	0.7088 s	-5.41	557	0.8055	.95	357	0.7550	-.61	692	0.6700 S	-3.37
019	0.7750	.36	108	0.5650 s	-10.78	074	0.8050	.94	560	0.7620	-.62			
233	0.7750	.36				190	0.8050	.94	199	0.7541	-.62	--	Method 032.01 --	
001	0.7755	.30	--	Method 031.02 --		208	0.8020	.91	144	0.7625	-.72	675	1.0350 s	4.32
038	0.7745	.23	004	0.7950	.88	038	0.7990	.79	567	0.7500	-.80	175	0.9050	1.83
263	0.7743	.22	505	0.7800	.48	300	0.7885	.77	345	0.7450	-.91	307	0.8700	1.27
633	0.7731	.15	043	0.7800	.40	693	0.7970	.74	616	0.7445	-.91	720	0.8750	1.26
350	0.7723	.11	011	0.7730	.22	042	0.7950	.71	100	0.7500	-.96	035	0.8750	1.23
Avg	0.7700		Avg	0.7647		186	0.7959	.69	045	0.7405	-1.03	278	0.8550	.89
010	0.7700	.00	014	0.6955	-1.81	049	0.7950	.65	028	0.7350	-1.21	205	0.8570	.88
722	0.7700	.00				726	0.7950	.65	051	0.7350	-1.21	350	0.8514	.80
629	0.7700	.00	--	Method 031.03 --		413	0.7900	.56	168	0.7340	-1.23	591	0.8500	.77
623	0.7682	-.35	208	0.7930	1.06	159	0.7920	.54	701	0.7345	-1.26	536	0.8330	.43
354	0.7650	-.36	033	0.7935	.98	405	0.7900	.47	309	0.7300	-1.35	208	0.8325	.43
646	0.7650	-.36	504	0.7836	.70	414	0.7850	.36	187	0.7286	-1.40	098	0.8200	.25
278	0.7650	-.36	047	0.7750	.62	121	0.7860	.35	171	0.7250	-1.51	650	0.8150	.12
034	0.7650	-.36	307	0.7750	.45	185	0.7810	.20	089	0.7250	-1.51	Avg	0.8114	
065	0.7620	-.41	043	0.7750	.45	164	0.7800	.17	510	0.7100	-1.96	130	0.8101	-.15
169	0.7600	-.51	036	0.7635	.16	297	0.7800	.17	035	0.6950	-2.43	038	0.8025	-.20
670	0.7600	-.51	Avg	0.7609		202	0.7750	.15	550	0.6885 S	-2.75	656	0.8000	-.29
658	0.7583	-.60	613	0.7350	-.79	242	0.7750	.15	154	0.6516 s	-3.75	354	0.8000	-.29
656	0.7600	-.72	048	0.7200	-1.23	Avg	0.7744					609	0.7900	-.41
588	0.7550	-.76	720	0.6950	-1.99	598	0.7700	-.13	--	Method 031.06 --		141	0.7995 R	-.83
651	0.7535	-.84				366	0.7700	-.13	138	0.7550	.44	619	0.7670	-.88
205	0.7530	-.96	--	Method 031.05 --		160	0.7640	-.32	686	0.7550	.44	019	0.7700	-.89
679	0.7500	-1.02	106	0.8620	2.67	229	0.7650	-.33	Avg	0.7493		363	0.7550	-1.09
622	0.7460	-1.23	037	0.8400	2.02	083	0.7650	-.33	536	0.7400	-.79	670	0.7500	-1.20
178	0.7450	-1.30	032	0.8350	1.90	265	0.7650	-.33	141	0.7470	-1.57	505	0.7400	-1.39
152	0.7450	-1.30	226	0.8150	1.32	110	0.7650	-.33				548	0.7335	-1.54

* 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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 032.01	--
563	0.7170	-1.82
--	Method 032.02	--
665	0.9000	1.43
108	0.8750	.87
590	0.8450	.59
504	0.8538	.42
629	0.8450	.23
Avg	0.8357	
588	0.8160	-.44
129	0.7960	-.89
169	0.7550	-1.77
--	Method 032.05	--
297	2.3650 s	37.53
106	0.9710 s	3.55
572	0.9142	2.20
510	0.9000	1.82
037	0.8950	1.70
726	0.8900	1.57
613	0.8800	1.35
560	0.8735	1.21
610	0.8670	1.01
202	0.8600	.88
405	0.8600	.88
148	0.8600	.84
413	0.8600	.84
038	0.8580	.79
144	0.8560	.75
345	0.8550	.73
185	0.8540	.70
021	0.8485	.56
026	0.8420	.41
110	0.8400	.35
049	0.8300	.27
567	0.8300	.27
229	0.8350	.26
357	0.8350	.26
366	0.8350	.26
--	Method 032.05	--
017	0.8350	.26
226	0.8300	.11
Avg	0.8255	
011	0.8248	-.05
154	0.8226	-.07
199	0.8226	-.09
083	0.8250	-.12
294	0.8250	-.12
300	0.8231	-.15
164	0.8185	-.17
407	0.8180	-.18
645	0.8188	-.21
042	0.8245	-.23
008	0.8150	-.28
045	0.8130	-.30
171	0.8135	-.31
100	0.8250	-.37
186	0.8113	-.37
557	0.8110	-.38
160	0.8125	-.41
242	0.8100	-.45
028	0.8050	-.51
159	0.8055	-.56
520	0.8100	-.62
693	0.8065	-.70
414	0.8200 R	-.74
035	0.7850	-.99
353	0.7850	-.99
029	0.7855	-1.00
616	0.7810	-1.08
096	0.8250 R	-1.10
358	0.7950 R	-1.13
003	0.7700	-1.35
309	0.7550	-1.76
265	0.7250	-2.45
208	0.7225	-2.51
550	0.7265 R	-2.51
187	0.7135	-2.73
051	0.6950 s	-3.18
--	Method 032.99	--
529	0.8400	.84
725	0.8300	.47
Avg	0.8150	
692	0.7750	-1.26
--	Method 033.00	--
618	1.8835 s	58.14
169	0.5350 S	3.69
353	0.4800	2.22
297	0.4470	1.34
621	0.4375	1.09
539	0.4300	.89
298	0.4100	.45
034	0.4100	.36
675	0.4100	.36
567	0.4000	.10
045	0.3995	.08
Avg	0.3964	
038	0.3900	-.17
160	0.3900	-.32
693	0.3835	-.37
511	0.3950	-.40
366	0.3800	-.51
208	0.3705	-.70
407	0.3700	-.70
309	0.3690	-.73
689	0.3500	-1.23
596	0.3500 R	-1.81
674	0.3100	-2.36
653	0.2700 S	-3.37
679	0.1800 s	-5.75
--	Method 033.01	--
001	0.4740	2.46
226	0.4700	2.29
194	0.4550	1.69
039	0.4518	1.54
021	0.4385 R	1.39
242	0.4400	1.13
--	Method 033.01	--
278	0.4400	1.06
610	0.4380	.99
202	0.4295	.63
019	0.4250	.49
175	0.4250	.49
098	0.4200	.47
205	0.4180	.40
229	0.4200	.23
100	0.4200	.23
026	0.4150	.21
Avg	0.4143	
178	0.4100	-.18
629	0.4100	-.18
650	0.4100	-.18
510	0.4100	-.18
185	0.4122	-.27
011	0.4072	-.29
559	0.4050	-.43
199	0.4050	-.43
354	0.4050	-.43
413	0.4050	-.43
035	0.4050	-.43
029	0.4100	-.45
164	0.4000	-.59
096	0.4000	-.59
345	0.3970	-.71
004	0.4000	-.72
590	0.4000	-.72
709	0.3940	-.90
686	0.3900	-1.00
106	0.3775	-1.51
307	0.3700	-1.82
140	0.3650	-2.04
725	0.2400 s	-7.35
--	Method 033.03	--
159	0.5150	1.51
505	0.4850	1.26
726	0.4300	.45
--	Method 033.03	--
598	0.4150	.32
048	0.3950	.06
Avg	0.4125	
190	0.3650	-.40
122	0.3500	-.56
144	0.3450	-.63
265	0.2450 S	-1.86
--	Method 033.05	--
613	0.4200	.94
Avg	0.4075	
171	0.3950	-.79
--	Method 033.99	--
630	0.7700 S	8.31
536	0.6174 S	4.95
557	0.4950 S	2.72
681	0.4350	1.20
051	0.4300	.97
233	0.4150	.66
673	0.4100	.59
Avg	0.3841	
529	0.3600	-.51
685	0.3650	-.67
552	0.3550	-.81
723	0.3030	-1.72
619	0.1725 S	-4.48
--	Method 034.01	--
560	0.4900	.94
Avg	0.4770	
038	0.4640	-.78
--	Method 034.04	--
619	0.4650	1.06
610	0.4700	.66
Avg	0.4601	
164	0.4600	-.01
208	0.4555	-.83

* 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 034.04	--
171	0.4500	-1.50
169	0.1000 S	-24.13
--	Method 034.05	--
693	1.4500 S	30.15
567	0.4700	1.28
Avg	0.4250	
154	0.4050	-.59
414	0.4000	-.71
--	Method 035.00	--
720	0.1850 s	5.83
670	0.1800 s	5.39
609	0.1600 s	3.38
675	0.1500	2.18
263	0.1408	1.23
722	0.1397	1.11
658	0.1369	.82
122	0.1350	.81
354	0.1350	.81
175	0.1350	.81
208	0.1350	.81
619	0.1305	.40
098	0.1300	.11
Avg	0.1290	
130	0.1278	-.13
205	0.1260	-.37
650	0.1250	-.66
709	0.1250	-.66
656	0.1250	-.66
307	0.1250	-.66
035	0.1250	-.66
152	0.1230	-.69
038	0.1225	-.81
591	0.1150	-1.54
233	0.1150	-1.54
278	0.1150	-1.54
548	0.1125 s	-2.72
--	Method 035.01	--
563	0.1606	1.23
138	0.1500	.69
686	0.1400	.18
Avg	0.1371	
613	0.1250	-.68
647	0.1100	-1.42
--	Method 035.03	--
003	0.2050 s	8.82
297	0.1850 s	7.22
051	0.1850 s	6.77
187	0.1823 s	6.47
550	0.1495 s	3.86
598	0.1550 s	3.69
038	0.1355	1.71
229	0.1350	1.67
100	0.1350	1.67
011	0.1348	1.57
300	0.1275 R	1.53
159	0.1305	1.18
164	0.1300	1.08
035	0.1300	1.08
202	0.1300	1.08
358	0.1300	1.08
017	0.1300	1.08
242	0.1300	1.08
298	0.1200 R	1.03
042	0.1285	.93
353	0.1280	.89
726	0.1275	.86
520	0.1250	.76
049	0.1250	.76
083	0.1250	.76
413	0.1250	.76
616	0.1255	.66
572	0.1250	.60
701	0.1235	.41
144	0.1225	.34
199	0.1211	.18
--	Method 035.03	--
645	0.1211	.16
610	0.1205	.11
414	0.1200	.05
Avg	0.1196	
148	0.1180	-.16
185	0.1184	-.17
208	0.1185	-.19
345	0.1180	-.19
557	0.1180	-.19
021	0.1170	-.28
171	0.1165	-.41
029	0.1150	-.48
045	0.1145	-.58
186	0.1138	-.60
693	0.1140	-.61
096	0.1150	-.70
613	0.1150	-.70
405	0.1150	-.70
008	0.1150	-.70
407	0.1110	-.88
366	0.1100	-.99
226	0.1100	-.99
110	0.1100	-.99
089	0.1100	-.99
567	0.1100	-.99
560	0.1095	-1.05
154	0.1073	-1.30
309	0.1045	-1.59
265	0.1000	-2.02
037	0.1000	-2.02
510	0.0990	-2.12
--	Method 035.05	--
665	0.1650	1.99
169	0.1500	1.25
590	0.1350	.58
294	0.1300	.29
Avg	0.1240	
588	0.1200	-.19
--	Method 035.05	--
629	0.1200	-.19
106	0.1170	-.34
129	0.1160	-.40
504	0.1138	-.50
160	0.1120	-.59
108	0.0850	-1.90
--	Method 035.99	--
588	0.1800 S	4.87
724	0.1400	1.41
536	0.1375 R	1.26
529	0.1245	.15
Avg	0.1236	
692	0.1200	-.31
725	0.1100	-1.18
--	Method 036.00	--
297	0.2500	.00
307	0.3200 S	.00
Avg	0.2500	
--	Method 036.03	--
154	0.4345 s	11.10
021	0.2800 R	1.49
106	0.2780	1.26
042	0.2770	1.19
613	0.2750	1.11
560	0.2705	.88
169	0.2700	.75
202	0.2700	.75
171	0.2685	.67
353	0.2650	.53
186	0.2665	.53
038	0.2630	.31
294	0.2600	.12
357	0.2600	.12
Avg	0.2581	
160	0.2565	-.24
345	0.2490	-.58
--	Method 036.03	--
693	0.2495	-.61
187	0.2470	-.72
708	0.2440	-.89
045	0.2440	-.89
159	0.2315	-1.68
616	0.2175	-2.56
265	0.2000 s	-3.71
550	0.0885 s	-10.68
--	Method 036.04	--
414	0.2800	.79
226	0.2750	.57
Avg	0.2683	
510	0.2500	-1.25
--	Method 036.99	--
366	0.2650	.71
--	Method 037.01	--
658	159.50 s	4.20
722	146.93	2.64
014	140.00	1.80
354	139.25	1.72
548	136.26	1.43
307	132.50	.86
175	131.00	.68
619	130.00	.66
590	130.16	.61
004	130.00	.60
038	129.50	.49
504	127.00	.41
208	127.50	.39
596	128.00	.32
653	125.71	.30
689	127.50	.25
Avg	125.57	
350	124.20	-.21
720	123.20	-.29
563	123.10	-.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 037.01	--
035	122.50	-.39
669	122.39	-.40
709	122.00	-.51
505	125.00	-.62
675	120.36	-.65
178	122.00	-.66
278	120.10	-.68
620	118.99	-.82
098	118.00	-1.06
511	116.00	-1.21
656	115.76	-1.24
588	115.50	-1.25
646	115.42	-1.27
141	112.55	-1.61
--	Method 037.03	--
598	140.00	2.15
049	139.68	2.11
011	136.54	1.70
413	130.50	1.08
100	129.50	.90
074	129.00	.81
208	129.50	.80
008	128.50	.68
510	127.00	.47
229	127.00	.47
414	127.00	.45
164	126.95	.45
029	126.50	.39
185	126.00	.35
701	124.00	.27
083	125.00	.23
171	124.00	.14
Avg	123.52	
148	123.50	-.07
610	122.40	-.17
187	121.66	-.24
242	121.00	-.33
226	121.00	-.33
--	Method 037.03	--
560	120.50	-.40
026	119.00	-.59
265	119.00	-.60
297	121.50	-.64
407	118.00	-.72
520	117.50	-.85
613	117.00	-.86
003	116.50	-.92
300	122.30 R	-.92
159	115.43	-1.06
550	117.71 R	-1.18
144	113.20	-1.52
358	110.23	-1.73
405	105.50	-2.39
168	77.500 s	-5.99
--	Method 037.05	--
035	289.50 s	19.70
309	124.50 R	2.69
017	142.50	2.25
038	137.00	1.50
027	130.33 R	1.11
190	132.35	.95
726	132.19	.94
202	131.50	.84
106	131.00	.79
572	130.50	.72
096	130.00	.66
357	128.50	.49
366	128.50	.49
037	128.20	.45
567	127.50	.37
Avg	124.46	
186	123.85	-.15
199	122.50	-.24
021	120.50	-.51
616	120.00	-.55
294	119.50	-.60
045	119.00	-.65
--	Method 037.05	--
028	119.00	-.66
160	119.00	-.69
169	118.50	-.71
693	117.60	-.90
154	116.00	-1.04
353	108.35	-1.93
345	108.05	-1.96
--	Method 037.99	--
121	125.49	1.09
529	121.70	.46
725	118.20	.35
Avg	117.97	
692	106.50	-1.41
--	Method 038.00	--
613	4.6100 s	16.48
159	2.9250 S	8.63
011	1.8718 R	2.37
045	1.7500	1.42
154	1.6000	.61
169	1.5750	.50
Avg	1.4836	
560	1.4750	-.05
510	1.4000	-.44
038	1.3850	-.57
021	1.2000	-1.82
--	Method 038.99	--
164	1.7750	.71
--	Method 039.01	--
164	1.4000	.00
--	Method 039.02	--
154	2.2000	1.28
560	1.8850	.27
Avg	1.8064	
011	1.7405	-.24
--	Method 039.02	--
045	1.4000	-1.32
567	0.4050 R	-4.73
--	Method 040.00	--
560	2.8300	-.71
--	Method 041.00	--
021	2.0500	.75
011	2.0458	.61
Avg	1.9653	
154	1.8000	-1.25
--	Method 045.00	--
028	0.0550 s	54.19
004	0.0151	1.87
019	0.0149	1.64
Avg	0.0130	
036	0.0129	-.13
034	0.0129	-.13
043	0.0128	-.22
227	0.0128	-.24
511	0.0126	-.35
006	0.0126	-.36
171	0.0123	-.68
038	0.0112	-1.57
--	Method 045.02	--
003	0.0146 s	4.32
033	0.0129	1.80
014	0.0120	.72
218	0.0113	.01
Avg	0.0113	
039	0.0113	-.12
027	0.0109	-.49
001	0.0109	-.50
047	0.0100	-1.50
--	Method 102.01	--
227	26.350	-.71
--	Method 103.01	--
227	8.5300	-.71
--	Method 104.00	--
227	6.7250	1.30
Avg	6.0917	
171	5.8500	-.47
208	5.7000	-.76
--	Method 104.03	--
026	5.0550	.71
--	Method 105.00	--
160	2.5850	.71
--	Method 106.00	--
171	6.8000	-.71
--	Method 106.02	--
567	7100.0 s	4535.75
675	14.130 s	5.29
616	12.065 s	4.22
199	8.4100	1.63
610	7.8500	1.31
227	7.2200	.95
160	7.1950	.86
169	6.9650	.74
003	6.5000	.52
208	6.0850	.44
021	6.4250	.39
038	6.0710	.14
670	5.9500	.10
Avg	5.8547	
096	5.7600	-.13
619	5.6850	-.17
560	5.5000	-.23
596	5.7900	-.27

* 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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 106.02	--
563	5.4028	-.30
004	4.9700	-.57
028	4.1557	-1.09
008	3.8400	-1.30
557	1.4650	-2.80
--	Method 106.99	--
676	5.7450	.71
--	Method 107.00	--
227	13.400	.71
--	Method 108.02	--
675	2.5700	.87
Avg	1.9300	
208	1.2900	-.86
--	Method 109.02	--
567	59.175	1.98
169	47.500	.73
563	48.924	.71
227	47.800	.53
675	47.480	.48
096	47.000	.43
610	46.500	.35
Avg	43.645	
208	40.955	-.33
676	39.670	-.51
008	33.990	-1.19
199	32.600	-1.36
560	32.150	-1.43
619	0.0000 s	-5.39
--	Method 112.00	--
227	5.7450	.71

Lab	Average*	Index
--	Method 113.01	--
227	0.5995	.71
--	Method 114.01	--
227	0.2340	.00
--	Method 120.00	--
160	1.1346 s	4.73
227	1.0250	1.52
652	0.9850 R	1.08
619	1.0050	.94
676	0.9915	.72
350	0.9810	.23
571	0.9785	.20
504	0.9750	.15
Avg	0.9733	
644	0.9530	-.60
675	0.9350	-1.21
684	0.9160	-1.68
--	Method 121.00	--
160	1.0886 s	3.62
571	0.9980	.97
676	0.9895	.94
644	0.9895	.75
504	0.9900	.73
619	0.9800	.44
350	0.9765	.34
Avg	0.9651	
227	0.9650	-.15
652	0.9450	-.61
684	0.9170	-1.48
675	0.9000	-1.93
--	Method 122.00	--
227	1.5050	1.35
160	1.4982	1.21
676	1.4675 R	.81
619	1.4650	.56
644	1.4585	.43

Lab	Average*	Index
--	Method 122.00	--
504	1.4550	.37
571	1.4500	.33
Avg	1.4369	
652	1.4150	-.52
350	1.4050	-.63
675	1.3600	-1.51
684	1.3570	-1.59
--	Method 124.00	--
675	0.5300 s	7.22
160	0.3550	1.33
684	0.3505	1.18
652	0.3300	.49
350	0.3220	.22
Avg	0.3156	
571	0.3120	-.14
504	0.3000	-.52
644	0.2920	-.79
619	0.2630	-1.77
--	Method 124.02	--
676	0.2935	.90
Avg	0.2818	
227	0.2700	-.84
--	Method 124.05	--
610	0.3350	.71
--	Method 125.00	--
227	3.1750	1.54
160	3.1544	1.31
652	3.0950	.61
619	3.0900	.55
676	3.0715	.41
350	3.0490	.11
Avg	3.0420	
675	3.0100	-.51
571	3.0050	-.51
644	2.9885	-.62

Lab	Average*	Index
--	Method 125.00	--
684	2.9135	-1.50
504	2.9100	-1.54
--	Method 126.00	--
160	0.7184	1.00
227	0.7150	.85
652	0.7100	.78
676	0.7080	.56
350	0.7110	.56
619	0.7100	.50
571	0.7090	.50
Avg	0.7018	
504	0.7000	-.11
644	0.6895	-.75
675	0.6850	-1.05
684	0.6635	-2.31
--	Method 127.00	--
675	0.5700 R	2.90
676	0.5370	1.97
160	0.5094	1.23
571	0.4660	.38
652	0.4700	.17
504	0.4650	.14
Avg	0.4638	
644	0.4605	-.13
619	0.4590	-.13
227	0.4350	-.79
350	0.4320	-.85
684	0.4045	-1.59
--	Method 128.00	--
504	0.6800	1.69
644	0.6430	.90
571	0.6425	.89
652	0.6100	.29
619	0.6120	.27
350	0.6065	.16
Avg	0.6005	

Lab	Average*	Index
--	Method 128.00	--
676	0.6000	-.13
684	0.5835	-.36
160	0.5830	-.37
227	0.5300	-1.51
675	0.5150	-1.81
--	Method 129.00	--
675	2.1100 s	12.61
619	1.6250	1.28
160	1.6237	1.24
504	1.6050	.81
350	1.5975	.64
Avg	1.5705	
644	1.5685	-.06
571	1.5650	-.17
227	1.5500	-.48
652	1.5550	-.50
676	1.5235	-1.12
684	1.4920	-1.86
--	Method 130.00	--
504	0.8500	1.27
685	0.8400	1.05
676	0.8330	.87
619	0.8255	.64
160	0.8245	.62
350	0.8240	.60
208	0.8050	.40
571	0.8130	.32
Avg	0.8006	
644	0.7995	-.12
512	0.7968	-.14
675	0.7700	-.79
652	0.7700	-.83
227	0.7450	-1.44
684	0.7125	-2.27

* 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. - 200724 Chicken Starter/Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 130.01	--
035	0.8600	.71
--	Method 130.05	--
010	0.8670	1.12
610	0.8450	.22
Avg	0.8423	
723	0.8150	-1.10
--	Method 131.00	--
675	0.3800 R	2.25
160	0.3618	1.45
644	0.3520	1.13
504	0.3250	.55
512	0.3283	.39
571	0.3255	.35
Avg	0.3170	
350	0.3130	-.13
619	0.2960	-.69
652	0.2900	-.93
684	0.2615	-1.79
--	Method 131.02	--
676	0.3580	.88
Avg	0.3340	
227	0.3100	-.85
--	Method 131.05	--
723	0.4100	.88
Avg	0.3650	
610	0.3200	-.86
--	Method 131.99	--
208	0.2500	.00
--	Method 132.00	--
160	0.8172	1.03
350	0.8100	.79
676	0.8050	.63
619	0.8015	.53
--	Method 132.00	--
571	0.7965	.49
644	0.7925	.25
227	0.7900	.14
Avg	0.7857	
504	0.7850	-.17
652	0.7550 R	-1.12
675	0.7350	-1.67
684	0.7245	-2.00
--	Method 133.00	--
619	1.2050	1.05
571	1.1750	.80
652	1.1600	.71
644	1.1765	.61
676	1.1710	.56
160	1.1641	.42
227	1.1550	.29
Avg	1.1372	
684	1.0850	-.81
504	1.0800	-.88
675	1.0000	-2.21
--	Method 134.00	--
160	0.8687	1.60
227	0.8600	1.44
675	0.8200	.77
571	0.8020	.46
619	0.7830	.14
Avg	0.7771	
350	0.7690	-.14
684	0.7625	-.33
644	0.7500	-.47
676	0.7275	-.86
652	0.7300	-.89
504	0.6750	-1.78
--	Method 135.00	--
160	0.6951 s	4.57
350	0.6410	1.36
571	0.6345	1.19
227	0.6350	1.05
644	0.6295	.68
Avg	0.6180	
675	0.6150	-.35
504	0.6150	-.35
676	0.6125	-.65
619	0.6025	-.93
684	0.6000	-1.09
652	0.5950	-1.39
--	Method 135.05	--
610	0.6000	.00
--	Method 136.00	--
684	0.1710	.71
--	Method 136.01	--
227	0.2000 R	2.18
160	0.1929	1.24
Avg	0.1805	
644	0.1775	-.30
571	0.1710	-.94
--	Method 136.99	--
504	0.1700	.73
Avg	0.1673	
610	0.1645	-.98
--	Method 137.00	--
160	0.6656	1.54
676	0.6225	.79
350	0.6165	.68
684	0.6005 R	.51
Avg	0.5784	
644	0.5740	-.08
675	0.5400	-.70
--	Method 137.00	--
504	0.5200	-1.03
227	0.5100	-1.21
--	Method 138.00	--
619	0.8710	1.64
504	0.8300	1.04
644	0.7950	.52
350	0.7910	.46
571	0.7850	.37
676	0.7720	.25
Avg	0.7604	
160	0.7603	-.09
652	0.7450	-.44
684	0.7000	-.89
227	0.6850	-1.14
675	0.6300	-1.94
--	Method 139.00	--
504	0.0450	.71
--	Method 300.01	--
615	4.8000	.00

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

AAFCO - Feed Check Sample No. - 200724 Chicken 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	8	0.1185	0.99	0.36	010.11	8	0.0000	1.01	0.21
001.03	4	0.0000	0.99	0.36	010.99	16	-0.4846	1.91	0.12
001.07	43	4.2334	29.27	0.32	011.01	78	0.0128	1.16	0.28
001.99	18	0.0292	1.62	0.33	011.99	2	-2.7577	3.90	1.21
002.00	4	0.0000	1.04	0.26	012.00	9	-1.2891	3.72	3.46
002.01	9	0.8544	2.18	0.17	012.01	2	0.0000	1.11	0.36
002.02	14	0.5633	1.45	0.18	012.03	3	0.0000	1.01	0.39
002.03	4	0.0000	0.94	0.46	012.04	6	0.0431	0.95	0.14
002.04	6	0.1105	2.66	0.48	013.02	24	-0.0835	1.26	1.01
002.05	22	0.0202	0.98	0.25	013.10	19	-0.1192	1.01	0.24
002.06	128	0.1068	1.20	0.34	015.00	11	-0.0649	1.00	0.13
002.08	7	0.0000	0.98	0.33	016.00	2	0.0000	0.96	0.53
002.10	8	0.0379	0.96	0.26	017.00	7	1.7927	3.15	1.91
002.11	13	-0.5497	2.20	0.33	018.02	3	0.0000	1.07	0.27
002.99	7	0.0000	1.04	0.07	019.00	17	-0.7835	4.14	0.38
003.00	30	-0.0576	3.54	1.26	019.01	59	0.2894	1.95	0.32
003.06	31	-0.0301	1.51	0.42	019.03	7	0.0000	1.02	0.21
003.09	31	0.0062	0.97	0.45	019.05	45	-0.0042	0.96	0.31
003.10	35	-0.5259	3.54	0.34	019.08	5	1.0052	2.37	0.50
003.11	12	-0.0005	0.97	0.29	019.09	30	6.6963	34.74	1.63
003.12	5	0.0000	1.03	0.21	019.99	9	0.6532	2.17	0.85
003.13	3	0.0000	1.05	0.32	020.00	2	0.0000	0.92	0.57
003.14	12	0.0000	0.86	0.53	020.01	8	1.4245	4.14	0.34
003.99	14	2.4358	4.40	1.10	020.99	2	0.0000	1.22	0.10
004.00	32	0.0743	1.83	0.44	021.01	2	2.8284	4.00	0.61
004.03	3	0.0000	1.06	0.28	021.02	13	0.2644	1.35	0.40
004.06	33	-0.0395	0.97	0.24	022.01	31	0.2502	2.48	0.37
004.07	47	-0.0191	0.99	0.21	022.03	35	0.3370	2.20	0.73
004.11	11	-0.9160	2.49	0.45	022.05	29	0.2817	2.37	0.42
004.99	7	0.5950	1.84	0.14	022.99	4	-0.4193	2.84	1.53
005.00	137	0.0223	1.26	0.31	025.01	25	-0.0045	0.96	0.29
005.11	7	-1.7059	3.08	0.22	025.03	35	0.0000	0.98	0.23
005.99	14	6.9408	26.08	0.48	025.05	24	-0.0266	0.98	0.28
008.02	18	0.7616	2.62	0.13	025.99	3	0.0000	0.92	0.51
008.08	25	0.1479	1.07	0.38	026.00	2	0.0000	0.89	0.59
008.99	6	0.0000	1.05	0.07	027.01	29	7.1603	38.47	0.65
009.07	16	0.0000	1.01	0.11	027.03	39	0.1297	1.28	0.47
009.09	20	2.1996	9.67	0.56	027.05	25	0.2762	1.40	0.33
009.99	3	6.6485	11.52	0.80	027.99	4	0.0000	0.96	0.43

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
028.01	32	-0.0440	1.48	0.23
028.03	34	-0.0402	1.06	0.52
028.05	27	0.5918	3.21	0.43
028.99	5	0.0000	1.04	0.18
031.01	60	5.2168	44.84	0.99
031.02	5	0.0000	1.03	0.22
031.03	10	0.0000	1.00	0.22
031.05	73	-0.0805	1.08	0.32
031.06	4	0.0000	0.42	0.86
031.99	10	0.0414	1.88	0.38
032.01	26	0.1570	1.27	0.28
032.02	8	0.0000	1.00	0.24
032.05	63	0.5488	4.87	0.33
032.99	3	0.0000	1.09	0.20
033.00	24	1.3695	8.33	8.71
033.01	39	-0.1582	1.51	0.37
033.03	9	0.0000	1.00	0.24
033.05	2	0.0000	1.04	0.46
033.99	12	0.9153	3.21	0.65
034.01	2	0.0000	1.06	0.44
034.04	6	-4.0211	9.86	0.75
034.05	4	7.3065	14.64	3.71
035.00	26	0.4846	1.86	0.64
035.01	5	0.0000	1.05	0.15
035.03	61	0.5964	2.09	0.56
035.05	11	0.0000	1.01	0.13
035.99	6	1.0104	2.12	0.17
036.00	2	0.0000	0.00	0.00
036.03	24	-0.0775	3.43	0.26
036.04	3	0.0000	1.09	0.20
037.01	33	0.1272	1.20	0.26
037.03	37	-0.1866	1.36	0.32
037.05	28	0.7285	3.84	0.57
037.99	4	0.0000	1.00	0.36
038.00	10	2.6051	5.47	1.46
039.02	5	-0.9096	2.24	0.58
041.00	3	0.0000	1.09	0.22
045.00	11	3.3581	11.18	11.96
045.02	8	0.4604	1.61	0.81
104.00	3	0.0000	1.06	0.30
106.02	22	206.3171	965.65	49.83
108.02	2	0.0000	1.22	0.05
109.02	13	-0.4148	1.77	0.24
120.00	11	0.4614	1.68	0.38
121.00	11	0.3291	1.44	0.26
122.00	11	0.0549	0.98	0.21
124.00	9	0.8008	2.59	0.13
124.02	2	0.0000	1.18	0.23
125.00	11	0.0000	1.00	0.21
126.00	11	0.0000	0.98	0.28
127.00	11	0.2592	1.29	0.21
128.00	11	0.0000	1.02	0.13
129.00	11	1.1459	3.92	0.19
130.00	14	0.0000	1.00	0.17
130.05	3	0.0000	1.03	0.36
131.00	10	0.2032	1.14	0.37
131.02	2	0.0000	1.21	0.15
131.05	2	0.0000	1.21	0.13
132.00	11	-0.0912	1.01	0.20
133.00	10	0.0000	0.97	0.33
134.00	11	0.0000	1.01	0.15
135.00	11	0.4153	1.65	0.34
136.01	4	0.4862	1.33	0.50
136.99	2	0.0000	1.03	0.47
137.00	8	0.0490	0.97	0.14
138.00	11	0.0000	1.01	0.16