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 192 Labs -				- Pass 2 Results for 192 Labs -			
Urea, Misc		000.99	1	0.31500	0.07778	0.11000	1	0.31500	0.07778	0.11000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	10	10.4400	0.66919	0.14800	8	10.4156	0.67750	0.04625
Loss on Drying, ISO 6496		001.03	4	10.5813	0.38739	0.18750	4	10.5813	0.38739	0.18750
Loss on Drying, LECO		001.05	1	9.92500	0.12021	0.17000	1	9.92500	0.12021	0.17000
Loss on Drying, 104 deg 3 hr, in malt	935.29	001.07	39	10.6537	0.35134	0.09769	36	10.6575	0.35069	0.06556
Loss on Drying, 102 deg 16 hr, in meat	950.46	001.08	2	10.8108	0.40927	0.02050	2	10.8108	0.40927	0.02050
Loss on Drying, Misc		001.99	14	10.6975	0.52588	0.07929	14	10.6975	0.52588	0.07929
Method Group 001.XX PCT			70	10.6219	0.45736	0.10516	65	10.6251	0.45502	0.07386
Protein, Crude	954.01	002.00	3	17.8000	0.19565	0.15333	3	17.8000	0.19565	0.15333
Protein, Auto Kjel-Foss	976.05	002.01	10	17.6395	0.21176	0.14745	9	17.6650	0.18782	0.10606
Protein, Semiauto Autoanalyzer	976.06	002.02	10	17.9315	0.52598	0.12320	9	17.9467	0.54797	0.08467
Protein, Hach Method		002.03	1	17.7300	0.18385	0.26000	1	17.7300	0.18385	0.26000
Protein, Copper Cat	984.13	002.04	4	17.6338	0.32244	0.10250	4	17.6338	0.32244	0.10250
Protein, Copper, Boric Acid		002.05	18	17.7286	0.19728	0.07157	18	17.7286	0.19728	0.07157
Protein, Combustion Nitrogen Analyzer	990.03	002.06	106	17.9695	0.31368	0.12086	104	17.9718	0.31195	0.11193
Protein, Block Dig	976.06	002.07	1	18.0500	0.21213	0.30000	1	18.0500	0.21213	0.30000
Protein, Cu/Ti	988.05	002.08	5	17.9354	0.13459	0.11480	5	17.9354	0.13459	0.11480
Protein, Block dig/distillation		002.10	9	17.8278	0.25466	0.15556	8	17.8419	0.25084	0.11125
Protein, NIR		002.11	13	18.0710	0.45423	0.14269	12	18.0665	0.46773	0.11375
Protein, Misc		002.99	9	18.1723	0.25218	0.09222	8	18.1183	0.20197	0.06500
Method Group 002.XX PCT			189	17.9255	0.33725	0.12114	182	17.9261	0.33235	0.10673
Fat, Eth Ext, Direct	920.39	003.00	26	4.17081	0.16617	0.08952	25	4.18164	0.15490	0.07710
Fat, Ind Eth Ext (13th ed), Indirect	920.39	003.01	1	4.12000	0.12728	0.18000	1	4.12000	0.12728	0.18000
Fat, Pet Ether		003.06	25	4.05520	0.11374	0.05920	25	4.05520	0.11374	0.05920
Fat, Soxtec, Eth Ext		003.09	28	4.09332	0.14878	0.06695	27	4.09844	0.14600	0.05795
Fat, Soxtec, Pet Ether		003.10	30	4.05884	0.18619	0.07998	29	4.04707	0.17393	0.06895
Fat, NIR		003.11	12	4.01012	0.27263	0.07025	12	4.01012	0.27263	0.07025
Fat, Hexane Ext.		003.12	3	4.08333	0.10948	0.12667	3	4.08333	0.10948	0.12667
Fat, Soxtec, Hexane Ext.		003.13	3	4.03117	0.11350	0.17633	3	4.03117	0.11350	0.17633
Fat, Ankom		003.14	10	3.95825	0.11887	0.10450	9	3.95361	0.10420	0.07167
Fat, Misc		003.99	6	4.16000	0.22210	0.13667	5	4.11600	0.18596	0.06800
Method Group 003.XX PCT			144	4.07866	0.17679	0.08249	139	4.07692	0.17069	0.07114
Fiber, Crude Asbestos Free	962.09	004.00	30	3.13650	0.36725	0.08833	29	3.13948	0.37222	0.08103
Fiber, Sing Filt		004.01	2	3.92750	0.17746	0.28500	2	3.92750	0.17746	0.28500
Fiber, Fritted Glass	978.10	004.03	3	3.55833	0.41916	0.24333	3	3.55833	0.41916	0.24333
Fiber, Fibertec		004.06	32	3.34761	0.34527	0.11562	31	3.32673	0.32599	0.10096
Fiber, ANKOM		004.07	40	3.20056	0.47109	0.11191	38	3.21611	0.46602	0.09832
Fiber, NIR		004.11	14	3.78936	0.39115	0.07829	13	3.84931	0.33122	0.05354
Fiber, Misc		004.99	10	3.08105	0.44493	0.23590	9	3.13972	0.40162	0.16278

Method	AOAC 18th	Method Code	- Pass 1 Results for 192 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 192 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Method Group 004.XX PCT			131	3.29490	0.45502	0.11894	125	3.30572	0.44575	0.10142
Ash,	942.05	005.00	123	5.08608	0.17575	0.06764	116	5.09109	0.17360	0.05472
Ash, LECO		005.02	1	5.22500	0.04950	0.07000	1	5.22500	0.04950	0.07000
Ash, NIR		005.11	2	5.12000	0.23352	0.06000	2	5.12000	0.23352	0.06000
Ash, Misc		005.99	10	5.18200	0.17778	0.08600	10	5.18200	0.17778	0.08600
Method Group 005.XX PCT			136	5.09466	0.17754	0.06890	129	5.09963	0.17548	0.05734
Sugar, TSI, Lane-Eynon (12th)	923.09	006.05	1	4.30000	0.01414	0.02000	1	4.30000	0.01414	0.02000
Fiber, Acid Detergent	973.18	008.02	15	4.60623	1.07672	0.14273	15	4.60623	1.07672	0.14273
Fiber, Acid Detergent-Hach		008.05	1	5.10000	0.14142	0.20000	1	5.10000	0.14142	0.20000
Fiber, Acid Detergent by ANKOM		008.08	16	4.57664	0.77405	0.19390	15	4.59342	0.79160	0.15816
Fiber, Acid Detergent Misc		008.99	5	4.61500	0.81280	0.38600	5	4.61500	0.81280	0.38600
Method Group 008.XX PCT			37	4.60797	0.89654	0.19928	36	4.61583	0.90574	0.18454
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	14.4450	0.14849	0.21000	1	14.4450	0.14849	0.21000
Fiber, Neutral Det-ENZ Pretreat		009.07	14	12.6968	1.65450	0.39036	14	12.6968	1.65450	0.39036
Fiber, Neutral Detergent by ANKOM		009.09	14	12.3193	0.94833	0.23152	14	12.3193	0.94833	0.23152
Fiber, Neutral Det Misc		009.99	3	13.4800	1.80308	0.14667	3	13.4800	1.80308	0.14667
Method Group 009.XX PCT			32	12.6597	1.42630	0.29238	32	12.6597	1.42630	0.29238
Moisture, Karl-Fischer	966.20	010.03	1	9.93000	0.36770	0.52000	1	9.93000	0.36770	0.52000
Moisture, NIR		010.11	11	10.7811	0.39660	0.12018	10	10.7752	0.40493	0.07220
Moisture, Misc		010.99	12	10.5425	0.75225	0.21642	11	10.4819	0.74863	0.16882
Method Group 010.XX PCT			24	10.6264	0.62089	0.18496	22	10.5901	0.62570	0.14086
Loss on Drying, 135 deg 2 hr	930.15	011.01	68	11.5579	0.29147	0.09637	63	11.5611	0.29026	0.07473
Loss on Drying, High Temp Methods, Misc		011.99	3	11.0917	0.43208	0.08333	3	11.0917	0.43208	0.08333
Method Group 011.XX PCT			71	11.5382	0.31116	0.09582	66	11.5398	0.31169	0.07512
Starch, Polarimetric (Ewers)		012.00	6	39.6875	2.78421	0.41500	6	39.6875	2.78421	0.41500
Starch, Megazyme		012.01	2	35.9930	1.64188	0.49600	2	35.9930	1.64188	0.49600
Starch, Colorimetric (GOP)		012.02	1	36.9900	0.04243	0.06000	1	36.9900	0.04243	0.06000
Starch, Enzymatic		012.03	3	37.3017	2.97963	0.61667	3	37.3017	2.97963	0.61667
Starch, YSI Analyzer		012.04	5	37.3680	0.93821	0.25600	5	37.3680	0.93821	0.25600
Starch, NIR		012.11	2	39.6175	0.83156	0.31500	2	39.6175	0.83156	0.31500
Method Group 012.XX PCT			19	38.1622	2.41872	0.38432	19	38.1622	2.41872	0.38432
Fat, Mojonnier, Bak Ext	954.02	013.02	14	5.03536	0.62416	0.25500	13	4.96423	0.56975	0.19308
Fat, Soxtec-Acid Hydrolysis		013.10	15	4.75800	0.32881	0.16000	14	4.76143	0.33247	0.13286
Fat, NIR-Acid Hydrolysis		013.12	1	4.44500	0.03536	0.05000	1	4.44500	0.03536	0.05000
Fat, Pretreat or extended ext, misc		013.99	4	5.21000	0.40631	0.07500	4	5.21000	0.40631	0.07500
Method Group 013.XX PCT			34	4.91618	0.50511	0.18588	32	4.89000	0.47272	0.14750
Aluminum, ICP		015.00	9	83.2108	6.67681	2.58733	9	83.2108	6.67681	2.58733
Method Group 015.XX PPM			9	83.2108	6.67681	2.58733	9	83.2108	6.67681	2.58733
Boron, ICP		017.00	6	8.49583	1.40349	0.50167	6	8.49583	1.40349	0.50167

Method	AOAC 18th	Method Code	- Pass 1 Results for 192 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 192 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Method Group 017.XX PPM			6	8.49583	1.40349	0.50167	6	8.49583	1.40349	0.50167
Cadmium, ICP		018.02	2	0.10613	0.01462	0.01675	2	0.10613	0.01462	0.01675
Method Group 018.XX PPM			2	0.10613	0.01462	0.01675	2	0.10613	0.01462	0.01675
Calcium, Ox-Mn04 Vol	927.02	019.00	11	0.91227	0.04225	0.01078	10	0.90880	0.04237	0.00806
Calcium, At Abs Spect	968.08	019.01	51	0.91464	0.05326	0.02100	45	0.91154	0.04571	0.01293
Calcium, Hach Method		019.02	1	0.78500	0.00707	0.01000	1	0.78500	0.00707	0.01000
Calcium, Semiauto (Autoanalyzer)		019.03	6	0.99460	0.04904	0.01367	6	0.99460	0.04904	0.01367
Calcium, ICP, Dry Ash.....		019.05	36	0.90524	0.03670	0.02013	34	0.90688	0.03414	0.01459
Calcium, EDTA		019.08	8	0.97817	0.04390	0.01824	8	0.97817	0.04390	0.01824
Calcium, ICP, Wet Ash		019.09	26	0.92673	0.05999	0.01490	25	0.92600	0.06087	0.01350
Calcium, Misc		019.99	8	0.91000	0.03176	0.01250	8	0.91000	0.03176	0.01250
Method Group 019.XX PCT			147	0.91989	0.05402	0.01796	137	0.91934	0.05177	0.01339
Chromium, AA.....		020.00	1	2.45000	0.21213	0.30000	1	2.45000	0.21213	0.30000
Chromium, ICP		020.01	8	2.16797	0.31916	0.11519	8	2.16797	0.31916	0.11519
Chromium, Misc		020.99	2	2.14000	0.06976	0.11000	2	2.14000	0.06976	0.11000
Method Group 020.XX PPM			11	2.18852	0.28788	0.13105	11	2.18852	0.28788	0.13105
Cobalt, AA	968.08	021.01	1	0.40000	0.00000	0.00000	1	0.40000	0.00000	0.00000
Cobalt, ICP		021.02	10	0.32768	0.15619	0.04385	10	0.32768	0.15619	0.04385
Cobalt, Misc.		021.99	1	0.31550	0.00071	0.00100	1	0.31550	0.00071	0.00100
Method Group 021.XX PPM			12	0.33269	0.14350	0.03663	12	0.33269	0.14350	0.03663
Copper, AA	968.08	022.01	23	13.4503	1.22784	0.63155	23	13.4503	1.22784	0.63155
Copper, ICP, Dry Ash	968.08	022.03	24	13.3724	1.67091	0.83942	23	13.3869	1.66046	0.71417
Copper, ICP, Wet Ash	968.08	022.05	26	13.2731	1.10171	0.71077	24	13.3163	0.98795	0.45167
Copper, Misc		022.99	3	14.1900	1.11737	0.49260	3	14.1900	1.11737	0.49260
Method Group 022.XX PPM			76	13.3943	1.34198	0.71881	73	13.4166	1.30831	0.59273
Fluorine, Ion Sel Elect	975.08	023.01	1	0.00350	0.00071	0.00100	1	0.00350	0.00071	0.00100
Iron, AA	968.08	025.01	19	222.581	14.5596	6.99526	18	223.196	14.4139	5.99500
Iron, ICP, Dry Ash	968.08	025.03	24	216.869	11.6993	6.93904	23	217.291	11.1107	5.63639
Iron, ICP, Wet Ash	968.08	025.05	21	220.892	14.1845	6.64905	21	220.892	14.1845	6.64905
Iron, Misc		025.99	3	203.944	19.8148	3.24443	3	203.944	19.8148	3.24443
Method Group 025.XX PPM			67	219.171	14.1689	6.69866	65	219.474	14.0013	5.95247
Lead, ...		026.00	1	0.30000	0.04243	0.06000	1	0.30000	0.04243	0.06000
Magnesium, AA	968.08	027.01	26	0.20233	0.01222	0.00550	25	0.20225	0.01232	0.00498
Magnesium, ICP, Dry Ash	968.08	027.03	27	0.20127	0.00617	0.00400	25	0.20157	0.00574	0.00289
Magnesium, ICP, Wet Ash	968.08	027.05	24	0.20419	0.01110	0.00432	22	0.20320	0.01055	0.00290
Magnesium, Misc.		027.99	1	0.20500	0.00707	0.01000	1	0.20500	0.00707	0.01000
Method Group 027.XX PCT			78	0.20257	0.01007	0.00467	73	0.20234	0.00981	0.00370
Manganese, AA	968.08	028.01	24	76.1335	6.73021	1.89100	22	76.8956	6.38578	1.38109
Manganese, ICP, Dry Ash	968.08	028.03	28	75.1951	4.83199	2.73404	27	75.3078	4.74662	2.39456

Method	AOAC 18th	Method Code	- Pass 1 Results for 192 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 192 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Manganese, ICP, Wet Ash	968.08	028.05	24	80.0960	6.51470	4.78875	23	79.7670	6.24039	4.31565
Manganese, Misc.		028.99	3	75.7985	3.14539	2.84633	3	75.7985	3.14539	2.84633
Method Group 028.XX PPM			79	76.9920	6.25595	3.10641	75	77.1607	5.94241	2.70448
Mercury,		029.00	1	0.00550	0.00212	0.00300	1	0.00550	0.00212	0.00300
Nitrate, Ion Sel Electrode		030.01	1	0.15000	0.07071	0.10000	1	0.15000	0.07071	0.10000
Phosphorus, Vol	964.06	031.00	1	0.74085	0.00092	0.00130	1	0.74085	0.00092	0.00130
Phosphorus, Photometric	965.17	031.01	54	0.75141	0.02457	0.01122	49	0.75172	0.02192	0.00825
Phosphorus, GQMP (2.028)	964.06	031.02	4	0.75555	0.01481	0.01205	3	0.75407	0.01168	0.00273
Phosphorus, Autoanalyzer		031.03	7	0.76999	0.02911	0.01211	6	0.76832	0.03012	0.00747
Phosphorus, ICP		031.05	63	0.75404	0.03746	0.01600	60	0.75527	0.03624	0.01383
Phosphorus, Hach Method		031.06	3	0.76000	0.02966	0.00667	3	0.76000	0.02966	0.00667
Phosphorus, Misc		031.99	11	0.75441	0.05240	0.02773	10	0.75485	0.05262	0.02050
Method Group 031.XX PCT			143	0.75393	0.03348	0.01450	132	0.75448	0.03229	0.01146
Potassium, AA	975.03	032.01	20	0.79488	0.03515	0.01311	20	0.79488	0.03515	0.01311
Potassium, Flame Emission	956.01	032.02	7	0.82301	0.04350	0.02536	6	0.81768	0.03833	0.01125
Potassium, ICP		032.05	52	0.80473	0.04034	0.01834	49	0.80478	0.03921	0.01560
Potassium, Misc		032.99	1	0.80500	0.00707	0.01000	1	0.80500	0.00707	0.01000
Method Group 032.XX PCT			80	0.80387	0.03956	0.01754	76	0.80320	0.03808	0.01453
Salt, Sol Cl	943.01	033.00	20	0.37127	0.04637	0.01294	18	0.36835	0.04488	0.00826
Salt, Poten Cl	969.10	033.01	38	0.39389	0.02603	0.00677	37	0.39454	0.02587	0.00587
Salt, Quantab		033.03	5	0.36500	0.03100	0.01800	5	0.36500	0.03100	0.01800
Salt, Ion Sel Electrode		033.05	1	0.39000	0.01414	0.02000	1	0.39000	0.01414	0.02000
Salt, Misc		033.99	5	0.35350	0.07851	0.04500	5	0.31780	0.06708	0.00400
Method Group 033.XX PCT			69	0.38226	0.04057	0.01233	65	0.38147	0.03827	0.00755
Selenium, Fluor	969.06	034.01	1	0.41800	0.00141	0.00200	1	0.41800	0.00141	0.00200
Selenium, AA, Flame		034.03	1	0.41520	0.00962	0.01360	1	0.41520	0.00962	0.01360
Selenium, AA, Hydride		034.04	6	0.35042	0.08879	0.01250	6	0.35042	0.08879	0.01250
Selenium, ICP		034.05	3	0.41800	0.16163	0.02133	3	0.41800	0.16163	0.02133
Method Group 034.XX PPM			11	0.38088	0.10734	0.01405	11	0.38088	0.10734	0.01405
Sodium, AA		035.00	22	0.11103	0.01589	0.00551	20	0.11201	0.01602	0.00401
Sodium, Ion Sel Electrode		035.01	4	0.11546	0.00482	0.00322	4	0.11546	0.00482	0.00322
Sodium, ICP		035.03	47	0.10219	0.01012	0.00369	44	0.10185	0.00963	0.00265
Sodium, Flame Emission	956.01	035.05	12	0.10290	0.01551	0.00837	12	0.10290	0.01551	0.00837
Sodium, Misc		035.99	3	0.11150	0.00720	0.00167	3	0.11150	0.00720	0.00167
Method Group 035.XX PCT			88	0.10542	0.01307	0.00469	83	0.10545	0.01304	0.00379
Sulfur, (Gravimetric)		036.00	3	0.20450	0.02485	0.01233	3	0.20450	0.02485	0.01233
Sulfur, ICP		036.03	23	0.23100	0.02263	0.00602	23	0.23100	0.02263	0.00602
Sulfur, LECO		036.04	2	0.22250	0.01500	0.00500	2	0.22250	0.01500	0.00500
Method Group 036.XX PCT			28	0.22756	0.02361	0.00662	28	0.22756	0.02361	0.00662

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Zinc, AA	968.08	037.01	28	110.311	6.83630	2.45530	28	110.311	6.83630	2.45530
Zinc, ICP, Dry Ash	968.08	037.03	28	109.619	7.72311	3.23389	27	109.731	7.76898	2.93885
Zinc, ICP, Wet Ash	968.08	037.05	24	112.965	5.08271	3.37250	24	112.965	5.08271	3.37250
Zinc, Misc		037.99	4	113.748	9.23881	5.21120	3	109.981	4.38912	0.97493
Method Group 037.XX PPM			84	111.003	6.93931	3.10812	82	110.885	6.73000	2.82881
Molybdenum, ICP		038.00	8	1.49375	0.18366	0.08500	7	1.50714	0.17670	0.04000
Molybdenum, Misc		038.99	1	1.80000	0.14142	0.20000	1	1.80000	0.14142	0.20000
Method Group 038.XX PPM			9	1.52778	0.20186	0.09778	8	1.54375	0.19595	0.06000
Nickel, AA		039.01	1	1.25000	0.07071	0.10000	1	1.25000	0.07071	0.10000
Nickel, ICP		039.02	5	1.57020	0.23480	0.08740	5	1.57020	0.23480	0.08740
Method Group 039.XX PPM			6	1.51683	0.24717	0.08950	6	1.51683	0.24717	0.08950
Barium, ICP		040.00	1	2.81500	0.06364	0.09000	1	2.81500	0.06364	0.09000
Vanadium, ICP		041.00	3	1.63333	0.18620	0.00233	3	1.63333	0.18620	0.00233
Method Group 041.XX PPM			3	1.63333	0.18620	0.00233	3	1.63333	0.18620	0.00233
Amprolium, Color	961.24	045.00	8	0.01084	0.00068	0.00018	8	0.01084	0.00068	0.00018
Amprolium, HPLC		045.02	5	0.01066	0.00171	0.00031	6	0.01122	0.00202	0.00032
Amprolium, Misc		045.99	1	0.01030	0.00099	0.00140	1	0.01030	0.00099	0.00140
Method Group 045.XX PCT			14	0.01074	0.00113	0.00031	14	0.01074	0.00113	0.00031
Riboflavin, Fluorometric	970.65	104.00	1	7.22000	0.19799	0.28000	1	7.22000	0.19799	0.28000
Riboflavin, HPLC		104.03	1	4.02500	0.00707	0.01000	1	4.02500	0.00707	0.01000
Method Group 104.XX MG/LB			2	5.62250	1.84818	0.14500	2	5.62250	1.84818	0.14500
Thiamine, HPLC		105.00	1	2.58500	0.21920	0.31000	1	2.58500	0.21920	0.31000
Vitamin A, Color	974.29	106.00	1	5.65000	0.21213	0.30000	1	5.65000	0.21213	0.30000
Vitamin A, HPLC		106.02	16	5.02392	1.42032	0.28434	15	4.91785	1.39785	0.23863
Vitamin A, Misc		106.99	1	7.01500	0.10607	0.15000	1	7.01500	0.10607	0.15000
Method Group 106.XX KU/LB			18	5.16932	1.41970	0.27775	17	5.08428	1.41044	0.23703
Vitamin D3, HPLC		108.02	2	5.69000	3.69739	0.18000	2	5.69000	3.69739	0.18000
Method Group 108.XX KU/LB			2	5.69000	3.69739	0.18000	2	5.69000	3.69739	0.18000
Vitamin E, HPLC		109.02	7	40.6033	6.94647	1.04964	6	38.8317	5.70095	0.64000
Vitamin E, Misc		109.99	1	53.0000	1.41421	2.00000	1	53.0000	1.41421	2.00000
Method Group 109.XX MG/KG			8	42.1528	7.73837	1.16844	7	40.8557	7.35704	0.83429
Alanine, Post-col Ninhydrin Der	994.12	120.00	9	1.01836	0.02286	0.01537	9	1.01836	0.02286	0.01537
Method Group 120.XX PCT			9	1.01836	0.02286	0.01537	9	1.01836	0.02286	0.01537
Arginine, Post-col Ninhydrin Der	994.12	121.00	10	1.07241	0.03944	0.03026	10	1.07241	0.03944	0.03026
Method Group 121.XX PCT			10	1.07241	0.03944	0.03026	10	1.07241	0.03944	0.03026
Aspartic, Post-col Ninhydrin Der	994.12	122.00	9	1.55941	0.07742	0.04789	8	1.55146	0.06908	0.02812
Method Group 122.XX PCT			9	1.55941	0.07742	0.04789	8	1.55146	0.06908	0.02812
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	8	0.31981	0.01959	0.00648	8	0.31981	0.01959	0.00648
Cysteine/Cystine, PAO Post-col OPA Der		124.02	1	0.30300	0.00566	0.00800	1	0.30300	0.00566	0.00800

Method	AOAC 18th	Method Code	- Pass 1 Results for 192 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 192 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Cysteine/Cystine, PAO Pre-col AQC Der .		124.05	1	0.32000	0.00000	0.00000	1	0.32000	0.00000	0.00000
Method Group 124.XX PCT			10	0.31815	0.01821	0.00598	10	0.31815	0.01821	0.00598
Glutamic, Post-col Ninhydrin Der	994.12	125.00	10	3.23642	0.09460	0.04714	10	3.23642	0.09460	0.04714
Method Group 125.XX PCT			10	3.23642	0.09460	0.04714	10	3.23642	0.09460	0.04714
Glycine, Post-col Ninhydrin Der	994.12	126.00	10	0.75330	0.02221	0.01275	10	0.75330	0.02221	0.01275
Method Group 126.XX PCT			10	0.75330	0.02221	0.01275	10	0.75330	0.02221	0.01275
Histidine, Post-col Ninhydrin Der	994.12	127.00	10	0.50132	0.04598	0.01035	10	0.50132	0.04598	0.01035
Method Group 127.XX PCT			10	0.50132	0.04598	0.01035	10	0.50132	0.04598	0.01035
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	10	0.65220	0.03580	0.01981	10	0.65220	0.03580	0.01981
Method Group 128.XX PCT			10	0.65220	0.03580	0.01981	10	0.65220	0.03580	0.01981
Leucine, Post-col Ninhydrin Der	994.12	129.00	9	1.62508	0.04943	0.03467	9	1.62508	0.04943	0.03467
Method Group 129.XX PCT			9	1.62508	0.04943	0.03467	9	1.62508	0.04943	0.03467
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	12	0.87882	0.03472	0.01434	12	0.87882	0.03472	0.01434
L-Lysine, Pre-col AQC Der		130.05	2	0.89000	0.04082	0.01000	2	0.89000	0.04082	0.01000
Method Group 130.XX PCT			14	0.88042	0.03504	0.01372	14	0.88042	0.03504	0.01372
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	10	0.31897	0.02194	0.01485	9	0.31718	0.01898	0.00872
Methionine, PAO Pre-col OPA Der		131.01	1	0.32750	0.00354	0.00500	1	0.32750	0.00354	0.00500
Methionine, PAO Post-col OPA Der		131.02	1	0.39150	0.01485	0.02100	1	0.39150	0.01485	0.02100
Methionine, PAO Pre-col AQC Der		131.05	2	0.34250	0.02630	0.00500	2	0.34250	0.02630	0.00500
Method Group 131.XX PCT			14	0.32812	0.02854	0.01318	13	0.32759	0.02789	0.00881
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	10	0.83992	0.03166	0.01469	10	0.83992	0.03166	0.01469
Method Group 132.XX PCT			10	0.83992	0.03166	0.01469	10	0.83992	0.03166	0.01469
Proline, Post-col Ninhydrin Der	994.12	133.00	9	1.18249	0.08747	0.03271	9	1.18249	0.08747	0.03271
Method Group 133.XX PCT			9	1.18249	0.08747	0.03271	9	1.18249	0.08747	0.03271
Serine, Post-col Ninhydrin Der	994.12	134.00	10	0.83141	0.05722	0.02833	10	0.83141	0.05722	0.02833
Method Group 134.XX PCT			10	0.83141	0.05722	0.02833	10	0.83141	0.05722	0.02833
Threonine, Post-col Ninhydrin Der	994.12	135.00	9	0.65281	0.02150	0.01572	9	0.65281	0.02150	0.01572
Threonine, Pre-col AQC Der		135.05	1	0.64000	0.01414	0.02000	1	0.64000	0.01414	0.02000
Method Group 135.XX PCT			10	0.65153	0.02097	0.01615	10	0.65153	0.02097	0.01615
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	2	0.17320	0.00839	0.00500	2	0.17320	0.00839	0.00500
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	3	0.20518	0.03365	0.00690	3	0.20518	0.03365	0.00690
Tryptophan, Misc		136.99	2	0.18775	0.01415	0.00050	2	0.18775	0.01415	0.00050
Method Group 136.XX PCT			7	0.19106	0.02630	0.00453	7	0.19106	0.02630	0.00453
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	7	0.61491	0.06396	0.02014	7	0.61491	0.06396	0.02014
Method Group 137.XX PCT			7	0.61491	0.06396	0.02014	7	0.61491	0.06396	0.02014
Valine, Post-col Ninhydrin Der	994.12	138.00	10	0.78934	0.04001	0.02028	9	0.79704	0.03119	0.01364
Method Group 138.XX PCT			10	0.78934	0.04001	0.02028	9	0.79704	0.03119	0.01364
Taurine, Post-col Ninhydrin Der	994.12	139.00	1	0.05500	0.00707	0.01000	1	0.05500	0.00707	0.01000

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 000.99	--
265	0.3150	.71
--	Method 001.00	--
001	11.305	1.31
504	11.100 R	1.10
183	11.060	.95
169	11.040	.92
309	10.610	.29
Avg	10.416	
596	10.200	-.32
720	10.095	-.48
029	9.9750 R	-.75
560	9.5500	-1.28
509	9.4650	-1.40
--	Method 001.03	--
688	10.950	.96
663	10.830	.64
Avg	10.581	
686	10.440	-.39
731	10.105	-1.42
--	Method 001.05	--
610	9.9250	-.71
--	Method 001.07	--
199	11.315	1.88
581	11.205	1.57
559	11.135	1.40
098	11.065	1.17
048	11.030	1.08
571	11.030	1.06
178	11.000	.98
592	10.990	.96
607	10.959	.86
693	10.905 R	.85
049	10.930	.79
639	10.900	.69
035	10.850	.55
--	Method 001.07	--
142	10.800	.41
675	10.795	.39
139	10.770	.33
413	10.750	.30
177	10.745	.25
083	10.725	.21
353	10.670	.15
689	10.700	.12
Avg	10.657	
089	10.540	-.33
045	10.550	-.34
588	10.525	-.38
669	10.525	-.46
640	10.475	-.52
550	10.460	-.56
278	10.450	-.59
345	10.390	-.78
297	10.360	-.85
679	10.350	-.89
004	10.320	-.97
307	10.620 R	-1.03
187	10.265	-1.12
366	10.300 R	-1.17
015	10.140	-1.48
591	10.015	-1.86
074	9.9850	-1.93
038	9.9550	-2.00
--	Method 001.08	--
590	11.165	.87
Avg	10.811	
676	10.457	-.87
--	Method 001.99	--
405	11.455	1.44
665	11.105	.80
096	11.100	.77
357	10.950	.48
672	10.935	.45
--	Method 001.99	--
681	10.925	.44
656	10.880	.35
505	10.860	.34
630	10.765	.18
619	10.700	.00
Avg	10.698	
631	10.605	-.18
615	10.095	-1.15
729	9.9900	-1.36
536	9.4000	-2.47
--	Method 002.00	--
679	18.000	1.12
Avg	17.800	
015	17.780	-.14
199	17.620	-1.11
--	Method 002.01	--
731	17.910	1.33
607	17.877	1.13
652	17.800	.89
672	17.705	.55
710	17.705	.21
Avg	17.665	
653	17.535	-.69
723	17.520	-.80
714	17.554	-.92
043	17.380	-1.53
656	17.410 R	-1.94
--	Method 002.02	--
307	18.700 S	2.43
297	18.805	1.57
048	18.670	1.33
639	18.395	.82
152	18.050	.21
Avg	17.947	
042	17.750	-.38
712	17.795 R	-.51
--	Method 002.02	--
669	17.645	-.57
043	17.515	-.79
169	17.440	-.93
036	17.250	-1.27
187	16.110 S	-3.35
--	Method 002.03	--
265	19.150 S	7.77
686	17.730	.71
Avg	17.730	
681	15.335 S	-13.48
--	Method 002.04	--
509	24.345 S	20.81
504	17.985	1.09
018	17.850	.70
Avg	17.634	
596	17.450	-.59
405	17.250	-1.22
728	16.235 S	-4.34
591	17.065 S	-4.93
--	Method 002.05	--
722	18.203	2.41
689	18.000	1.47
663	17.960	1.21
177	17.965	1.20
622	17.811	.53
651	17.783	.28
350	17.732	.08
Avg	17.729	
625	17.715	-.10
552	17.670	-.30
083	17.655	-.39
658	17.640	-.47
354	17.630	-.51
194	17.615	-.58
039	17.614	-.58
178	17.600	-.83
--	Method 002.05	--
179	17.568	-.92
621	17.505	-1.14
596	17.450	-1.43
--	Method 002.06	--
660	19.470 s	4.82
018	19.015 s	3.35
511	18.725	2.42
529	18.590	2.07
645	18.600	2.04
074	18.490	1.69
160	18.495	1.68
345	18.470	1.60
001	18.385	1.33
673	18.350	1.22
014	18.075 R	1.22
417	18.330	1.19
121	18.325	1.14
676	18.294	1.04
646	18.285	1.01
106	18.275	.98
407	18.270	.96
692	18.250	.91
029	18.250	.89
144	18.240	.86
647	18.205	.82
242	18.220	.80
175	18.200	.80
171	18.200	.80
682	18.220	.80
019	18.205	.76
164	18.205	.75
650	18.120	.70
185	18.170	.66
202	18.170	.65
003	18.155	.63
042	18.160	.63
687	18.150	.59
179	18.135	.58

* 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. - 200821 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 002.07 --		--	Method 002.99 --		--	Method 003.00 --	
672	18.100	.52	009	17.890	-.35	610	18.050	.71	640	18.605 R	2.53	026	3.9050	-1.79
358	18.025	.50	588	17.885	-.35				305	18.480	1.79	307	3.9000 R	-2.23
233	18.040	.44	630	17.855	-.37	--	Method 002.08 --		006	18.211	.46	353	3.5900 s	-3.85
037	18.045	.44	278	17.900	-.39	062	18.122	1.39	670	18.200	.41			
016	18.100	.41	017	17.900	-.39	Avg	17.935		724	18.190	.36	--	Method 003.01 --	
205	18.010	.40	010	17.885	-.41	160	17.935	-.19	Avg	18.118		504	4.1200	.71
043	18.020	.39	592	17.835	-.49	563	17.905	-.29	554	18.055	-.31			
363	18.090	.38	413	17.950	-.49	536	17.915	-.94	065	18.065	-.32	--	Method 003.04 --	
033	18.090	.38	720	17.820	-.49	610	17.800	-1.25	643	17.895	-1.13	681	4.8100 S	.00
122	18.080	.35	119	17.815	-.51				226	17.850	-1.52			
096	18.020	.33	559	17.805	-.56	--	Method 002.10 --					--	Method 003.06 --	
098	18.050	.30	300	17.775	-.63	629	18.300	1.83	--	Method 003.00 --		621	6.7300 s	23.52
520	18.050	.30	504	17.875	-.64	546	17.980	.73	142	4.8500 s	4.33	658	4.7200 s	5.87
229	18.020	.27	045	17.750	-.73	729	17.895	.58	212	4.4950 s	3.41	407	4.6300 s	5.07
108	18.045	.26	512	17.735	-.76	675	17.895	.21	563	4.5000	2.07	074	4.4950 s	4.51
589	18.045	.25	004	17.710	-.84	Avg	17.842		190	4.4250	1.58	688	4.3000	2.15
138	18.025	.25	843	17.740	-.94	688	17.800	-.17	015	4.4000	1.55	684	4.2300	1.58
550	17.980	.23	190	17.675	-.96	619	17.700	-.57	354	4.3250	.94	009	4.1800	1.35
425	18.040	.22	298	17.670	-.97	628	17.715	-.63	726	4.2600	.93	229	4.1700	1.23
357	18.030	.21	294	17.685	-.97	631	17.715 R	-1.14	596	4.3000	.76	581	4.1450	.82
505	17.975	.21	590	17.680	-.98	596	17.450	-1.57	179	4.2680	.56	511	4.1000	.81
354	18.030	.20	508	17.686	-.98				309	4.2450	.50	588	4.1300	.68
036	18.015	.18	100	17.660	-1.00	--	Method 002.11 --		106	4.2300	.31	122	4.1000	.59
035	17.975	.18	027	17.590	-1.23	032	19.550 S	3.17	139	4.2150	.27	148	4.0950	.35
034	17.975	.11	510	17.600	-1.23	713	18.835	1.65	048	4.2100	.19	199	4.0650	.24
049	17.990	.11	726	17.630 R	-1.30	724	18.705	1.37	152	4.2000	.12	305	4.0600	.18
142	18.000	.09	366	17.550	-1.36	588	18.375	.68	Avg	4.1816		640	4.0750	.18
309	17.975	.02	263	17.535	-1.40	178	18.350	.62	194	4.1750	-.11	Avg	4.0552	
038	17.975	.02	596	17.450	-1.68	297	18.125 R	.54	164	4.1600	-.15	425	4.0550	-.04
Avg	17.972		539	17.315	-2.11	665	18.285	.50	039	4.1531	-.31	731	4.0300	-.22
148	17.965	-.03	353	17.320	-2.12	553	18.100	.19	035	4.1300	-.34	647	4.0350	-.28
011	17.960	-.07	674	17.310	-2.14	Avg	18.067		033	4.1300	-.42	669	4.0350	-.36
026	17.950	-.12	013	17.305	-2.14	631	18.030	-.17	509	4.1150	-.44	297	4.0200	-.36
199	17.935	-.12	574	17.315	-2.18	731	17.930	-.30	187	4.0550	-.82	294	4.0200	-.36
571	17.931	-.16	212	17.215	-2.45	011	17.800	-.57	017	4.0500	-.91	689	4.0500	-.44
619	17.950	-.17	168	17.285 s	-2.61	628	17.659	-.90	265	4.1300	-.96	169	3.9650	-.79
139	17.905	-.22	089	17.060	-2.92	672	17.380	-1.47	345	4.0250	-1.12	625	3.9550	-.88
693	17.895	-.29				688	17.350	-1.54	175	4.0100	-1.39	552	3.9300	-1.13
598	17.875	-.34				640	12.550 s	-11.83	615	3.9250	-1.66	185	3.9200	-1.20

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

AAFCO - Feed Check Sample No. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 003.06	--
559	3.8950	-1.59
682	3.8200	-2.07
574	3.2050 s	-7.48
--	Method 003.07	--
028	18.055 S	.00
--	Method 003.09	--
714	4.6480 s	3.78
029	4.5100 s	3.30
675	4.4300	2.27
723	4.3650	1.85
630	4.3400	1.66
004	4.2650	1.15
673	4.2000	.70
510	4.2000	.70
358	4.1350	.63
098	4.1800	.60
651	4.1815	.57
413	4.1500	.49
354	4.1450	.40
Avg	4.0984	
027	4.0750	-.16
038	4.0850	-.26
002	4.0550	-.30
620	4.0581	-.33
263	4.0421	-.39
508	4.0685	-.48
001	4.0050	-.65
722	3.9900	-.77
656	3.9850	-.78
505	4.0450	-.81
350	3.9776	-.83
653	3.9750	-.85
674	3.9850	-.86
226	4.0000	-.96
590	3.9550 R	-1.45
013	3.8750	-1.53
121	3.8450	-1.74

Lab	Average*	Index
--	Method 003.10	--
720	8.9800 s	28.36
676	4.4710	2.44
672	4.4000 R	2.33
591	4.3900	1.99
639	4.2550	1.20
366	4.2350	1.10
045	4.2000	1.05
679	4.2000	.90
233	4.1900	.85
242	4.1850	.79
619	4.1350	.60
727	4.1035	.41
160	4.0650	.18
062	4.0485	.18
Avg	4.0471	
100	4.0300	-.11
693	4.0450	-.14
178	4.0000	-.27
042	3.9850	-.37
298	3.9800	-.39
034	4.0250	-.39
629	3.9750	-.52
119	3.9550	-.53
607	3.9472	-.58
651	3.9400	-.64
363	3.9200	-.74
728	3.9100	-.79
089	3.9050	-.82
098	3.8900	-1.17
202	3.8300	-1.33
596	3.8000	-1.53
598	3.7500	-1.71
520	3.7900 s	-2.54
--	Method 003.11	--
713	4.9250 s	3.83
553	4.4850	1.74
588	4.2400	.89
665	4.2450	.88

Lab	Average*	Index
--	Method 003.11	--
297	4.1950	.68
032	4.0500	.23
731	4.0650	.21
Avg	4.0101	
011	4.0000	-.04
178	3.9500	-.29
672	3.9250	-.32
628	3.8765	-.53
688	3.5500	-1.70
631	3.5400	-1.72
640	3.1550 S	-3.19
724	2.5650 s	-5.30
--	Method 003.12	--
357	4.1500	1.50
Avg	4.0833	
628	4.0500	-.36
171	4.0500	-.36
--	Method 003.13	--
646	4.0650	.81
205	4.0585	.50
Avg	4.0312	
660	3.9700	-1.27
--	Method 003.14	--
021	4.0000 R	1.97
019	4.0550	1.06
049	4.0600	1.02
529	4.0250	.70
550	3.9625	.32
144	3.9600	.06
Avg	3.9536	
686	3.9400	-.16
175	3.9200	-1.01
278	3.9000	-1.09
185	3.7600	-1.87

Lab	Average*	Index
--	Method 003.99	--
554	5.3900 S	6.90
724	4.7450 S	3.63
712	4.3800 R	1.92
670	4.3050	1.02
546	4.1400	.50
536	4.1800	.35
631	4.1600	.32
Avg	4.1160	
710	3.7950	-1.73
032	3.8500 S	-3.78
--	Method 004.00	--
345	4.1750	2.78
511	3.6500	1.38
647	3.6300	1.32
596	3.5000	1.01
034	3.4700	.89
265	3.4500	.84
194	3.4050	.71
190	3.4050	.71
510	3.3500	.58
354	3.2600	.32
509	3.2450	.29
559	3.1950	.25
Avg	3.1395	
726	3.1200	-.06
425	3.1000	-.11
298	3.0800	-.16
175	3.0900	-.25
563	3.0400	-.27
164	3.0500	-.28
309	3.0350	-.31
042	2.9900	-.44
226	3.0000	-.46
015	3.0500 R	-.47
171	2.9550	-.55
035	2.9350	-.56
009	2.8500	-.79
169	2.7550	-1.03

Lab	Average*	Index
--	Method 004.00	--
048	2.7200	-1.13
199	2.6650	-1.28
504	2.6200	-1.41
353	2.3050	-2.24
--	Method 004.01	--
366	3.9750	1.02
Avg	3.9275	
693	3.8800	-.68
--	Method 004.03	--
045	4.0500	1.23
Avg	3.5583	
679	3.3900	-.40
619	3.2350	-.91
--	Method 004.06	--
651	5.1620 s	5.64
552	4.1850	2.63
720	3.9950 R	2.23
728	3.8500	1.61
673	3.6500	1.00
350	3.6368	.95
625	3.5950	.85
674	3.5250	.74
588	3.5300	.62
607	3.5108	.60
205	3.3450	.57
688	3.3500	.47
178	3.4000	.38
676	3.4500	.38
656	3.4100	.38
354	3.4450	.37
723	3.4300	.33
027	3.4150	.30
038	3.3900	.21
Avg	3.3267	
710	3.3200	-.04
672	3.3000	-.08

* 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. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 004.06	--
658	3.3010	-.08
098	3.2300	-.32
621	3.2000	-.39
590	3.2700	-.41
722	3.1900	-.42
653	3.0550	-.83
610	3.0500	-.86
689	3.0500	-.86
591	2.9450	-1.17
731	2.8000	-1.63
675	2.7350	-1.84
598	2.5650	-2.34
--	Method 004.07	--
121	4.4050	2.55
042	4.2750	2.28
028	4.1850	2.08
019	4.0100	1.72
639	3.9350	1.55
581	3.6350	.91
610	3.4500	.60
185	3.4774	.56
407	3.4750	.56
592	3.3950	.48
074	3.3350 R	.47
278	3.4000	.39
682	3.4000	.39
669	3.3500	.35
307	3.2500	.33
643	3.2800	.14
229	3.2300	.05
646	3.2200	.04
708	3.2350	.04
Avg	3.2161	
033	3.1200	-.22
144	3.1100	-.24
300	3.0750	-.34
098	3.1900	-.39
089	3.0000	-.46
--	Method 004.07	--
686	2.9600	-.56
096	2.9500	-.58
026	2.9300	-.64
529	2.9150	-.65
505	2.9100	-.67
631	2.9100	-.67
160	2.8700	-.74
520	2.8700	-.75
003	2.8400	-.85
183	2.7500	-1.01
021	2.7300	-1.04
413	2.7000	-1.11
013	2.6300	-1.26
011	2.5850	-1.36
100	2.5600	-1.41
004	2.4750 R	-1.64
294	1.1000 s	-4.54
--	Method 004.11	--
724	4.6250	2.34
032	4.2500	1.22
731	4.1450	.90
672	3.9800	.40
628	3.9010	.19
588	3.9000	.16
Avg	3.8493	
665	3.7550	-.30
553	3.7050	-.44
688	3.6500	-.62
178	3.6000	-.75
631	3.5800	-.81
713	3.5000	-1.06
011	3.4500	-1.21
640	3.0100 R	-2.60
--	Method 004.99	--
628	3.8150	1.70
554	3.6500	1.41
179	3.3950	.65
Avg	3.1397	
536	3.0950	-.16
724	2.9975	-.35
670	3.0050	-.57
032	2.8500	-.76
640	2.7500	-.97
629	2.7000	-1.09
727	2.5530 R	-1.84
--	Method 005.00	--
729	5.6400 s	3.81
345	5.4900	2.30
720	5.4600	2.13
407	5.4400	2.01
639	5.4150	1.87
307	5.3850	1.71
672	5.3500	1.52
413	5.3500	1.52
226	5.3500	1.52
650	5.3250	1.37
679	5.3200	1.32
640	5.1100 R	1.21
592	5.2700	1.18
723	5.2850	1.13
591	5.2800	1.09
726	5.2750	1.07
653	5.2750	1.07
229	5.2700	1.03
294	5.2650	1.00
669	5.2350	.89
185	5.2400	.87
712	5.1900	.85
731	5.2250	.83
588	5.2350	.83
722	5.2217	.81
629	5.2300	.80
529	5.2250	.78
619	5.1500	.72
029	5.2150	.71
--	Method 005.00	--
520	5.1250 R	.69
148	5.2050	.66
504	5.1900	.64
183	5.2000	.64
688	5.2000	.63
045	5.2000	.63
647	5.1550	.61
199	5.1950	.60
693	5.1950	.60
675	5.1950	.60
689	5.1900	.60
098	5.1600	.57
278	5.1850	.55
363	5.1850	.54
358	5.1350	.50
656	5.1250	.47
035	5.1600	.41
622	5.1620	.41
643	5.1600	.40
686	5.1600	.40
510	5.1550	.37
004	5.1100	.36
590	5.1000	.35
298	5.1500	.34
651	5.1480	.34
108	5.1250	.32
152	5.1300	.28
625	5.1350	.25
187	5.1300	.25
646	5.1150	.24
119	5.1300	.23
559	5.0950	.20
202	5.1250	.20
309	5.1100	.16
305	5.1150	.14
350	5.1130	.13
682	5.1100	.11
048	5.0950	.09
139	5.1000	.05
--	Method 005.00	--
Avg	5.0911	
089	5.0900	-.01
620	5.0891	-.03
563	5.0810	-.07
710	5.0850	-.09
300	5.0700	-.13
354	5.0800	-.18
505	5.0650	-.21
034	5.0550	-.23
660	5.0550	-.23
038	5.0850	-.26
631	5.0750	-.33
144	5.0700	-.37
366	5.0500	-.37
357	5.0500	-.37
205	5.0005	-.53
171	5.0000	-.54
160	5.0000	-.54
001	5.0000	-.55
550	4.9875	-.60
083	5.0000	-.60
630	5.0150	-.62
121	5.0150	-.62
242	4.9750	-.67
138	4.9750	-.68
021	5.0550 R	-.69
062	5.0165 R	-.77
265	4.9550	-.79
607	4.9417	-.86
027	4.9300	-.93
539	4.9950 R	-.95
100	4.9150	-1.01
684	4.9150	-1.02
019	4.9450	-1.04
194	4.9100	-1.04
297	4.9000	-1.10
015	4.9050	-1.12
164	4.8900	-1.16
179	4.8860	-1.18

* 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 005.00	--
674	4.9900 R	-1.19
548	4.8800	-1.22
353	4.8900	-1.23
676	4.8775	-1.24
178	4.9000	-1.24
049	4.8700	-1.31
026	4.8550	-1.36
598	4.8500	-1.39
175	4.8300	-1.53
658	4.8040	-1.65
033	4.7800	-1.80
615	4.7600	-1.91
212	4.7500	-1.97
425	4.7250	-2.11
552	4.7250	-2.11
417	4.7300 R	-2.19
596	4.7000	-2.25
169	4.6900	-2.31
142	4.4000 s	-3.98
--	Method 005.02	--
610	5.2250	.71
--	Method 005.11	--
588	6.6950 S	6.75
688	6.0000 S	3.77
672	5.9650 S	3.62
628	5.9570 S	3.59
178	5.9500 S	3.56
631	5.8450 S	3.10
640	5.5600 S	2.60
731	5.3200	.87
Avg	5.1200	
724	4.9200	-.87
713	4.1900 S	-3.98
665	3.9000 S	-5.25

Lab	Average*	Index
--	Method 005.99	--
574	6.9100 s	9.72
681	5.4000	1.24
628	5.3800	1.12
727	5.3200	.78
673	5.2500	.47
Avg	5.1820	
724	5.1800	-.01
652	5.1500	-.33
096	5.1500	-.33
536	5.1250	-.41
670	5.0500	-1.08
728	4.8150	-2.08
028	3.3500 s	-10.31
--	Method 006.05	--
710	4.3000	.71
--	Method 008.02	--
179	6.9935	2.22
226	6.3500	1.62
187	5.5650	.89
405	5.4850	.82
148	4.9050	.28
Avg	4.6062	
098	4.5250	-.10
728	4.5000	-.14
038	4.2000	-.38
309	4.1950	-.39
726	4.1850	-.40
045	4.1000	-.48
619	3.8550	-.70
675	3.7850	-.77
413	3.6500	-.89
353	2.8000	-1.68
--	Method 008.05	--
265	5.1000	.71

Lab	Average*	Index
--	Method 008.08	--
001	6.4350 X	2.33
510	5.6500	1.34
278	5.4000	1.03
294	5.0600	.61
693	4.9600	.46
357	4.9500	.45
Avg	4.5934	
592	4.4450	-.23
354	4.2700	-.42
037	4.2650	-.43
581	4.2450	-.44
202	4.1500	-.57
049	4.3250 R	-.57
160	3.9350	-.83
004	3.7550	-1.07
185	3.7513	-1.08
653	3.6300	-1.22
--	Method 008.99	--
297	5.6000	1.34
307	5.2500	.89
Avg	4.6150	
646	4.5600	-.07
164	3.9500	-.82
358	3.7150	-1.11
--	Method 009.04	--
726	14.445	.71
--	Method 009.07	--
226	15.750	1.85
179	14.410	1.04
309	14.095	.86
297	13.890	.73
693	13.450	.51
045	13.300	.36
307	13.200	.35
187	12.700	.07
Avg	12.697	

Lab	Average*	Index
--	Method 009.07	--
164	12.300	-.25
038	11.995	-.43
353	11.400	-.79
098	11.005	-1.06
413	10.850	-1.13
675	9.4100	-1.99
--	Method 009.09	--
294	14.770	2.59
592	13.420	1.16
357	13.150	.88
354	12.680	.44
510	12.650	.38
Avg	12.319	
049	12.270	-.15
202	12.100	-.27
037	12.035	-.30
160	11.765	-.59
581	11.695	-.66
278	11.500	-.86
653	11.520	-.86
265	11.550	-.89
185	11.365	-1.05
--	Method 009.99	--
619	25.000 S	6.39
728	15.800	1.29
Avg	13.480	
643	12.455	-.57
646	12.185	-.72
--	Method 010.03	--
027	9.9300	.71
Avg	9.9300	
546	7.7200 S	-6.01

Lab	Average*	Index
--	Method 010.11	--
713	11.170	.98
672	11.160	.95
688	11.100	.80
588	10.840 R	.76
628	11.007	.57
631	10.975	.49
178	10.950	.45
Avg	10.775	
212	10.710	-.19
640	10.455	-.80
724	10.140	-1.57
731	10.085	-1.76
--	Method 010.99	--
714	11.621	1.52
417	11.210 R	1.09
673	11.050	.76
724	10.890	.55
652	10.650	.52
037	10.785	.42
529	10.755	.36
726	10.690	.29
Avg	10.482	
168	10.455	-.18
727	9.9950	-.65
628	9.5000	-1.31
712	8.9100	-2.11
--	Method 011.01	--
363	12.775 s	4.24
148	12.085	1.81
843	12.050	1.70
108	12.025	1.67
205	11.925	1.33
559	11.940	1.31
121	11.918	1.24
175	11.900	1.22
511	11.905	1.18
643	11.900	1.17

* 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. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 011.01	--
122	11.870	1.06
682	11.870	1.06
625	11.845	.98
098	11.760 R	.88
350	11.808	.85
723	11.793	.80
100	11.780	.75
233	11.775	.74
653	11.775	.74
647	11.610 R	.71
119	11.760	.69
520	11.590 R	.66
358	11.570 R	.66
300	11.720	.60
510	11.700	.59
160	11.725	.56
674	11.635	.56
171	11.680	.48
179	11.690	.45
202	11.690	.45
354	11.675	.39
722	11.598	.26
033	11.635	.26
229	11.620	.25
138	11.625	.24
548	11.615	.20
021	11.605	.16
407	11.580	.12
026	11.585	.08
Avg	11.561	
651	11.548	-.07
622	11.553	-.09
185	11.530	-.11
728	11.535	-.24
675	11.490	-.28
194	11.475	-.30
660	11.485	-.30
144	11.540	-.32
242	11.490	-.32

Lab	Average*	Index
--	Method 011.01	--
650	11.460	-.36
164	11.400	-.56
710	11.380	-.63
309	11.400	-.71
620	11.355	-.72
539	11.330	-.80
298	11.310	-.87
305	11.350	-.87
598	11.285	-.95
658	11.275	-.99
552	11.230	-1.15
563	11.211	-1.21
574	11.195	-1.27
034	11.190	-1.28
646	11.115	-1.54
294	11.070	-1.70
621	11.030	-1.83
062	11.056 R	-1.85
596	11.000	-1.93
591	10.970	-2.07
226	10.850	-2.46
014	10.430 s	-3.96
--	Method 011.99	--
670	11.635	1.26
Avg	11.092	
265	10.905	-.48
684	10.735	-.83
--	Method 012.00	--
689	41.800	.76
672	40.950	.46
548	40.705	.37
559	40.350	.31
354	40.470	.28
Avg	39.688	
178	33.850	-2.10

Lab	Average*	Index
--	Method 012.01	--
185	37.391	.86
Avg	35.993	
179	34.595	-.87
--	Method 012.02	--
202	36.990	.71
--	Method 012.03	--
098	40.500	1.08
297	37.495	.08
Avg	37.302	
684	33.910	-1.16
--	Method 012.04	--
160	38.825	1.55
038	37.920	.69
Avg	37.368	
510	36.850	-.57
353	36.645	-.79
278	36.600	-.82
--	Method 012.11	--
588	40.320	.86
Avg	39.618	
672	38.915	-.87
--	Method 012.99	--
619	50.100 S	.00
--	Method 013.02	--
548	5.9600 R	1.98
650	5.8000	1.49
643	5.4000	.76
581	5.3550	.73
033	5.3250	.63
202	5.2400	.62
675	5.3150	.62
100	5.2850	.56
003	5.2150	.44

Lab	Average*	Index
--	Method 013.02	--
Avg	4.9642	
026	4.6500	-.60
164	4.3850	-1.03
229	4.3850	-1.03
354	4.0850	-1.55
011	4.0950	-1.62
--	Method 013.10	--
177	5.3900	1.89
652	5.1000	1.06
160	5.0300	.82
185	4.9250	.55
656	4.8000	.44
688	4.9000	.42
539	4.8700	.36
672	4.8000	.12
Avg	4.7614	
417	4.6500	-.45
096	4.7050	-.50
660	4.6000	-.50
353	4.7100 R	-.83
673	4.5000	-.84
610	4.2500	-1.55
591	4.1400	-1.88
--	Method 013.12	--
672	4.4450	-.71
--	Method 013.99	--
628	5.7700	1.39
065	5.2850	.20
Avg	5.2100	
689	5.0500	-.41
679	4.7350	-1.17
--	Method 015.00	--
353	120.30 s	5.56
520	102.00 s	3.42
560	90.400	1.08

Lab	Average*	Index
--	Method 015.00	--
045	89.600	1.00
164	86.500	.72
021	86.650	.58
169	86.150	.50
154	84.500	.30
Avg	83.211	
011	78.787	-.66
510	75.000	-1.23
345	71.310	-1.78
--	Method 017.00	--
353	10.350	1.34
560	9.4600	.72
045	8.8500	.41
Avg	8.4958	
693	8.3500	-.15
510	7.7700	-.55
345	6.1950	-1.64
--	Method 018.02	--
154	0.1150	.70
Avg	0.1061	
011	0.0973	-1.01
--	Method 019.00	--
647	1.1200 s	5.18
651	0.9805	1.69
194	0.9750	1.57
658	0.9470 R	1.01
681	0.9300	.50
679	0.9200	.26
Avg	0.9088	
621	0.9050	-.15
622	0.8932	-.37
620	0.8844	-.60
552	0.8800	-.72
175	0.8700	-.95
625	0.8500	-1.39

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

AAFCO - Feed Check Sample No. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 019.01 --		--	Method 019.01 --		--	Method 019.05 --		--	Method 019.09 --		--	Method 019.99 --	
307	1.0250 R	2.60	178	0.8900	-.47	294	0.9100	.31	202	1.3600 s	7.13	629	0.8800	-.94
646	1.0200 R	2.53	001	0.8790	-.71	229	0.9150	.28	042	1.2050 s	4.58	121	0.8710	-1.25
720	1.0100	2.15	004	0.8745	-.81	297	0.9150	.24	028	1.0800	2.55	665	0.7500 s	-5.04
529	0.9950	1.83	710	0.8700	-.93	407	0.9100	.09	035	1.0250	1.63			
722	0.9625 R	1.41	233	0.8650	-1.02	074	0.9100	.09	160	1.0045	1.30	--	Method 020.00 --	
620	0.9712	1.31	019	0.8750 R	-1.27	Avg	0.9069		628	0.9950	1.14	164	2.4500	-.71
354	0.9650	1.17	612	0.8500	-1.36	100	0.9050	-.16	366	0.9450 R	.52			
619	0.9610	1.08	018	0.8405	-1.60	265	0.9000	-.20	096	0.9550	.48	--	Method 020.01 --	
656	0.9400 R	1.07	142	0.8350	-1.71	298	0.9000	-.36	009	0.9495	.44	154	2.6500	1.52
139	0.9605	1.07	278	0.8250	-1.92	550	0.9025	-.47	726	0.9500	.43	045	2.4500	.90
010	0.9550	1.01	687	0.8100	-2.23	610	0.8855	-.63	027	0.9465	.34	021	2.3000	.52
631	0.9500	.95	653	0.8035	-2.37	011	0.8891	-.63	199	0.9450	.31	171	2.2000	.33
014	0.9465	.78	108	0.8050 R	-2.53	425	0.8850	-.66	190	0.9400	.28	560	2.2200	.23
035	0.9450	.74				026	0.8825	-.73	021	0.9369	.26	Avg	2.1680	
504	0.9371	.66	--	Method 019.02 --		083	0.8750	-.95	186	0.9370	.23	096	2.0000	-.53
205	0.9370	.63	536	0.7850	.71	512	0.8986	-.98	Avg	0.9260		011	1.8988	-.85
563	0.9355	.53				300	0.8750	-1.07	017	0.9250	-.08	510	1.6250	-1.72
034	0.9350	.52	--	Method 019.03 --		682	0.8700	-1.08	357	0.9200	-.10			
674	0.9250	.44	048	1.0750	1.64	168	0.8675	-1.15	353	0.9200	-.19	--	Method 020.99 --	
263	0.9290	.38	307	1.0200	.56	645	0.8672	-1.22	037	0.9200	-.19	675	2.1600	.64
098	0.9250	.31	686	1.0000	.23	089	0.8600	-1.37	309	0.9082	-.29	Avg	2.1400	
122	0.9250	.31	Avg	0.9946		553	0.8590	-1.40	560	0.9015	-.40	553	2.1200	-1.04
505	0.9250	.31	036	0.9776	-.35	520	0.8800 R	-1.41	045	0.9000	-.46			
650	0.9250	.31	043	0.9700	-.54	405	0.8500	-1.69	106	0.8795	-.77	--	Method 021.01 --	
731	0.9250	.31	026	0.9250	-1.42	548	0.8747 R	-2.37	572	0.8750	-.84	619	1.4900 S	.00
026	0.9200	.29				226	0.8000 s	-3.46	693	0.8545	-1.19	689	0.4000	.00
036	0.9203	.19	--	Method 019.05 --					154	0.8441	-1.35	Avg	0.4000	
675	0.9200	.19	598	0.9850	2.29	--	Method 019.08 --		345	0.8300	-1.59			
152	0.9180	.15	185	0.9580	1.56	628	1.0400	1.43	038	0.8080	-1.94	--	Method 021.02 --	
350	0.9127	.04	029	0.9549	1.46	723	1.0050	.62				510	0.6350	1.97
Avg	0.9115		413	0.9550	1.42	689	1.0000	.55	--	Method 019.99 --		560	0.4295	.69
013	0.9025	-.20	003	0.9400	1.13	729	0.9950	.51	670	1.1250 s	6.79	171	0.3500	.35
039	0.9019	-.22	171	0.9450	1.13	673	0.9850	.19	692	0.9450	1.20	154	0.3750	.30
305	0.9100	-.22	510	0.9400	.97	Avg	0.9782		006	0.9450	1.11	038	0.3400	.27
669	0.9015	-.25	187	0.9358	.85	138	0.9675	-.26	676	0.9415	1.08	Avg	0.3277	
038	0.8980	-.32	144	0.9295	.82	607	0.9279	-1.15	724	0.9225	.40	693	0.3150	-.13
363	0.9000	-.33	148	0.9240	.50	590	0.9050	-1.76	Avg	0.9100		572	0.2900	-.27
169	0.8950	-.38	164	0.9150	.50				065	0.8885	-.68	169	0.2800	-.31
588	0.8940	-.39	242	0.9200	.38				588	0.8865	-.77	011	0.2623	-.53

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 021.02 --	
045	0.0000	-2.10
--	Method 021.99 --	
610	0.3155	.71
--	Method 022.01 --	
175	39.000 s	20.82
722	29.474 s	13.37
014	21.500 s	6.86
307	19.900 s	5.76
178	17.000	2.89
689	14.500	1.03
529	14.650	.98
505	14.500	.95
098	14.000	.93
619	14.350	.73
731	14.150	.68
038	13.500	.41
710	13.500	.41
669	13.847	.34
350	13.800	.28
Avg	13.450	
620	13.436	-.15
653	13.241	-.20
588	13.000	-.37
004	13.000	-.37
590	13.039	-.41
278	12.750	-.57
675	12.480	-.80
674	12.500	-.87
354	12.290	-1.09
035	12.000	-1.18
646	12.200	-1.30
305	11.625	-1.53
504	2.5000 s	-9.00

Lab	Average*	Index
--	Method 022.03 --	
265	24.500 s	6.75
187	24.210 s	6.52
226	20.500 s	4.29
144	17.250	2.38
598	16.000	1.69
300	16.035	1.63
171	15.300	1.18
185	14.500	.73
548	13.571	.38
083	13.500	.31
164	13.500	.31
413	13.750	.30
407	13.445	.04
Avg	13.387	
029	13.270	-.16
405	13.000	-.23
074	13.000	-.23
242	13.000	-.23
550	13.283	-.24
011	13.045	-.26
100	12.500	-.61
610	12.350	-.63
553	12.150	-.77
229	12.000	-.84
520	12.000	-1.03
512	13.040 R	-1.14
026	11.450	-1.17
510	10.000	-2.04
297	6.0000 S	-4.45
003	6.0000 s	-4.80
--	Method 022.05 --	
035	20.000 s	7.42
042	20.400 s	7.17
202	18.500 s	5.27
560	14.700	1.42
294	14.660	1.41
154	14.650	1.36
628	14.500	1.30

Lab	Average*	Index
--	Method 022.05 --	
096	14.000	1.23
160	14.480	1.18
309	13.975	.71
366	13.500	.54
106	13.650	.37
038	13.450	.29
199	13.530	.27
027	13.450	.14
Avg	13.316	
148	13.250	-.08
021	13.150	-.18
190	13.025	-.30
357	13.000	-.32
353	13.100	-.33
037	12.950	-.37
693	12.800	-.53
045	12.600	-.79
186	12.500	-.97
572	11.650	-1.69
169	11.550	-1.79
345	11.470	-1.90
726	12.510 R	-2.01
017	13.000 R	-2.05
--	Method 022.99 --	
692	14.850	.77
607	14.895	.63
Avg	14.190	
121	12.825	-1.23
--	Method 023.01 --	
619	0.0035	.71
--	Method 025.01 --	
675	286.19 s	4.37
098	245.50	1.66
529	241.00	1.24
175	233.00	.92
504	235.00	.92

Lab	Average*	Index
--	Method 025.01 --	
350	233.70	.74
505	233.50	.72
035	228.50	.41
731	227.50	.30
646	223.98	.17
307	224.00	.06
Avg	223.20	
004	223.00	-.01
563	220.56	-.21
619	221.50	-.40
354	214.30	-.65
038	214.00	-.76
278	210.00	-.92
014	211.50 R	-1.19
710	195.50	-1.92
689	193.00	-2.10
305	153.33 s	-4.85
--	Method 025.03 --	
405	300.00 s	7.44
265	235.00 s	2.54
029	236.00	1.71
413	232.00	1.40
074	228.50	1.02
164	225.00	.83
011	225.88	.78
148	225.50	.75
548	220.66	.70
229	223.00	.58
100	222.50	.47
083	222.00	.43
550	218.32	.38
598	219.00	.18
Avg	217.29	
510	215.50	-.17
187	214.66	-.24
171	217.00	-.27
297	212.50	-.45
610	211.50	-.52

Lab	Average*	Index
--	Method 025.03 --	
407	209.50	-.70
520	213.00	-.82
144	215.20	-.94
026	201.50	-1.42
300	207.15 R	-1.89
242	195.00	-2.01
226	194.00	-2.14
--	Method 025.05 --	
042	325.50 s	7.40
035	309.50 s	6.25
366	257.00 S	2.88
572	247.00	1.91
038	244.50	1.73
021	236.80	1.18
160	237.20	1.16
045	230.00	.66
017	229.00	.61
186	227.50	.48
096	225.00	.46
294	225.25	.42
199	222.70	.14
Avg	220.89	
693	218.50	-.17
169	216.50	-.31
726	218.38	-.41
628	214.50	-.48
037	218.45	-.52
309	211.35	-.70
353	207.10	-.98
560	206.00	-1.11
345	205.50	-1.15
106	200.50	-1.44
154	197.00	-1.69
--	Method 025.99 --	
607	220.83	.86
692	212.00	.42
Avg	203.94	

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AAFCO - Feed Check Sample No. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 025.99	--
670	179.00	-1.26
--	Method 026.00	--
154	0.3000	-.71
--	Method 027.01	--
307	0.2250	1.89
675	0.2200	1.44
650	0.2163	1.26
646	0.2150	1.11
014	0.2130	.89
722	0.2044 R	.77
098	0.2100	.63
731	0.2095	.60
504	0.2069	.48
305	0.2050	.46
035	0.2050	.46
278	0.2050	.46
505	0.2050	.46
529	0.2050	.46
139	0.2070	.39
263	0.2049	.22
038	0.2040	.14
Avg	0.2023	
350	0.1982	-.34
619	0.1975	-.40
563	0.1916	-.87
142	0.1900	-.99
004	0.1885	-1.12
710	0.1850	-1.46
169	0.1850	-1.46
588	0.1840	-1.48
175	0.1800	-1.81
--	Method 027.03	--
294	65.500 s	1387.58
405	0.2800 s	13.67
074	0.2100	1.47
413	0.2100	1.47
--	Method 027.03	--
510	0.2100	1.47
164	0.2050	1.06
265	0.2050	1.06
598	0.2050	1.06
300	0.2030	.91
185	0.2040	.74
407	0.2055	.69
011	0.2054	.69
610	0.2045	.52
Avg	0.2016	
026	0.2009	-.14
187	0.2008	-.16
229	0.2000	-.27
297	0.2000	-.27
100	0.2000	-.27
425	0.2000	-.27
171	0.2005	-.32
148	0.2005	-.32
029	0.2008	-.44
144	0.1985	-.69
553	0.1955	-1.09
550	0.1945	-1.24
520	0.2000 R	-1.76
548	0.1951 R	-1.78
083	0.1900	-2.02
242	0.1900	-2.02
226	0.1750 s	-5.32
--	Method 027.05	--
042	0.2585 s	5.24
009	0.2235	1.93
035	0.2200 R	1.85
309	0.2177	1.37
160	0.2170	1.32
366	0.2100 R	1.15
693	0.2150	1.12
037	0.2100	.64
353	0.2050	.50
726	0.2050	.50
--	Method 027.05	--
154	0.2075	.41
186	0.2070	.37
199	0.2070	.36
038	0.2050	.26
106	0.2055	.22
Avg	0.2032	
021	0.2024	-.25
560	0.2005	-.26
357	0.2000	-.30
096	0.2000	-.30
017	0.2000	-.30
628	0.1965	-.64
572	0.1905	-1.23
045	0.1870	-1.54
202	0.1850	-1.79
345	0.1835	-1.88
--	Method 027.99	--
692	0.2050	-.71
--	Method 028.01	--
620	103.49 S	4.16
675	89.085	1.92
529	86.000	1.43
504	85.500	1.35
722	84.367	1.17
035	83.500	1.04
619	82.550	.90
669	79.783	.47
563	79.345	.39
731	78.050	.26
013	77.750	.16
Avg	76.896	
307	76.550	-.16
350	75.300	-.25
590	74.113	-.44
588	74.000	-.45
505	74.000	-.48
098	74.500	-.54
--	Method 028.01	--
004	71.500	-.85
038	71.500	-.85
674	71.000	-.94
710	70.500	-1.00
014	69.500	-1.16
178	69.500 R	-1.28
175	66.000 R	-1.82
354	63.310	-2.13
689	53.150 S	-3.72
305	45.595 S	-4.90
278	0.7500 s	-11.92
--	Method 028.03	--
003	87.500	2.57
029	84.050 s	2.34
229	82.500	1.60
148	79.450	.87
413	78.950	.81
074	79.000	.81
297	78.500	.74
510	78.500	.74
100	78.500	.68
171	77.050	.45
300	75.910	.34
550	76.235	.25
185	76.000	.15
Avg	75.308	
407	74.845	-.10
548	75.177	-.12
011	74.460	-.19
083	74.500	-.20
610	73.900	-.35
242	73.500	-.40
164	73.000	-.53
187	72.485	-.60
512	74.550	-.76
265	73.500	-.83
026	71.200	-.87
553	71.100	-.93
--	Method 028.03	--
598	70.500	-1.06
144	72.150 R	-1.42
520	68.000	-1.66
226	64.500	-2.34
405	58.000 s	-3.65
--	Method 028.05	--
042	91.100	1.82
009	87.665 R	1.78
726	87.440	1.67
160	89.350	1.56
037	87.200	1.19
366	84.500	.76
560	82.500	.70
309	82.910	.57
045	81.250	.28
106	80.500	.21
021	79.800	.06
Avg	79.767	
038	77.650	-.40
017	77.500	-.44
357	77.000	-.47
169	76.450	-.56
027	76.170	-.58
693	75.500	-.73
096	79.000	-.81
628	75.000	-.83
202	75.000	-.83
186	79.500	-1.04
572	78.950	-1.15
353	70.520	-1.50
345	69.850	-1.60
294	0.2000 s	-12.75
--	Method 028.99	--
121	77.245	.87
607	77.751	.71
Avg	75.799	
692	72.400	-1.12

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AAFCO - Feed Check Sample No. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 029.00	--
675	0.0055	.71
--	Method 030.01	--
651	0.1500	-.71
--	Method 031.00	--
622	0.7409	.71
--	Method 031.01	--
646	0.8150 A	2.97
625	0.8050	2.44
650	0.7850	1.67
035	0.7850	1.54
669	0.7835	1.49
175	0.7800	1.37
354	0.7750	1.09
728	0.7600 R	.99
018	0.7725	.97
731	0.7700	.95
305	0.7700	.83
653	0.7670	.70
363	0.7650	.65
178	0.7650	.65
169	0.7650	.65
152	0.7650	.65
674	0.7600	.59
036	0.7642	.57
723	0.7610	.43
679	0.7600	.38
010	0.7600	.38
722	0.7575	.36
026	0.7550	.27
629	0.7550	.27
511	0.7550	.27
139	0.7570	.24
607	0.7533	.11
651	0.7535	.08
Avg	0.7517	
263	0.7516	-.01

Lab	Average*	Index
--	Method 031.01	--
038	0.7510	-.06
665	0.7500	-.08
019	0.7500	-.08
233	0.7500	-.08
620	0.7510	-.18
710	0.7450	-.38
098	0.7500	-.46
278	0.7400	-.53
205	0.7445	-.58
563	0.7388	-.59
350	0.7372	-.71
596	0.7300	-.99
142	0.7300	-1.09
689	0.7300	-1.09
658	0.7270	-1.13
194	0.7250	-1.24
656	0.7300 R	-1.35
529	0.7200	-1.45
675	0.7200	-1.45
588	0.7200	-1.45
619	0.7270 R	-1.64
034	0.7150	-1.69
687	0.7100	-1.96
647	0.7100 R	-2.11
039	0.7039	-2.19
108	0.6300 s	-5.57
621	0.6000 s	-6.94
016	0.5675 s	-8.41
--	Method 031.02	--
004	0.7600 R	1.79
011	0.7652	.99
014	0.7570	.27
Avg	0.7541	
505	0.7400	-1.20

Lab	Average*	Index
--	Method 031.03	--
720	0.8250	1.89
307	0.7800 R	.77
504	0.7770	.47
Avg	0.7683	
026	0.7650	-.20
043	0.7600	-.28
036	0.7429	-.85
048	0.7400	-.94
--	Method 031.05	--
028	0.8750 s	3.37
042	0.8500	2.62
598	0.8200	1.79
038	0.8115	1.63
628	0.8050	1.54
106	0.8070	1.43
160	0.8061	1.41
003	0.8000	1.26
074	0.8000	1.26
185	0.7950	1.15
096	0.7950	1.10
693	0.7800 R	1.03
560	0.7790	.97
309	0.7876	.95
021	0.7884	.92
037	0.7850	.83
726	0.7850	.83
366	0.7800	.74
190	0.7800	.74
027	0.7815	.73
164	0.7750	.56
610	0.7725	.48
144	0.7610	.42
009	0.7568	.39
029	0.7613	.21
186	0.7600	.15
229	0.7600	.13
407	0.7600	.13
510	0.7600	.13

Lab	Average*	Index
--	Method 031.05	--
Avg	0.7553	
645	0.7546	-.05
294	0.7550	-.14
171	0.7550	-.14
413	0.7550	-.14
357	0.7500	-.15
148	0.7480	-.23
202	0.7500	-.31
298	0.7500	-.31
083	0.7450	-.32
682	0.7400	-.42
425	0.7400	-.42
300	0.7405	-.44
045	0.7355	-.57
035	0.7350	-.58
017	0.7350	-.58
550	0.7390	-.65
121	0.7305	-.68
512	0.7445	-.72
187	0.7290	-.73
553	0.7295	-.79
265	0.7250	-.85
199	0.7245	-.85
572	0.7255	-.87
297	0.7200	-.97
353	0.7200	-1.01
405	0.7150	-1.12
548	0.7284 R	-1.13
089	0.7100	-1.25
154	0.7120	-1.29
345	0.7085	-1.31
168	0.7070	-1.35
100	0.7050	-1.39
242	0.7000	-1.52
226	0.6800 R	-2.24
520	0.6600	-2.64

Lab	Average*	Index
--	Method 031.06	--
686	0.7900	1.01
536	0.7650	.24
Avg	0.7600	
138	0.7250	-1.19
--	Method 031.99	--
588	0.9115 S	3.00
628	0.8350	1.55
631	0.7800	.90
673	0.8000	.88
729	0.7800	.61
676	0.7690	.30
590	0.7600	.10
Avg	0.7549	
670	0.7350	-.39
692	0.7200	-.66
724	0.7200	-.66
552	0.7500 R	-.95
065	0.6495	-2.00
--	Method 032.01	--
205	0.8455	1.51
720	0.8450	1.43
035	0.8400	1.28
098	0.8350	1.15
675	0.8200	.71
619	0.8120	.55
305	0.8100	.52
650	0.8100	.52
710	0.8050	.32
139	0.8000	.15
278	0.8000	.15
Avg	0.7949	
350	0.7871	-.22
004	0.7780	-.48
175	0.7850	-.51
563	0.7716	-.66
354	0.7700	-.76
529	0.7650	-.86

* 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. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 032.01	--
038	0.7585	-1.15
142	0.7350	-1.71
505	0.7250	-2.03
307	0.0900 s	-20.06
--	Method 032.02	--
108	0.8550 R	1.73
169	0.8750	1.50
504	0.8346	.49
731	0.8350	.47
Avg	0.8177	
588	0.8065	-.29
590	0.7950	-.61
665	0.7600	-1.53
--	Method 032.05	--
160	0.9026	2.50
042	0.8720	1.72
405	0.8650	1.54
038	0.8570	1.44
096	0.8500 R	1.38
037	0.8500	1.18
171	0.8475	1.09
229	0.8450	1.03
628	0.8450	1.03
726	0.8450	1.03
021	0.8400	.92
353	0.8200 R	.86
560	0.8340	.83
309	0.8158	.80
226	0.8200	.64
693	0.8220	.54
294	0.8250	.53
407	0.8235	.48
610	0.8235	.48
186	0.8195	.42
144	0.8180	.38
148	0.8190	.36
026	0.8090	.35
--	Method 032.05	--
510	0.8150	.29
199	0.8145	.25
366	0.8050	.13
Avg	0.8048	
297	0.8000	-.12
357	0.8000	-.12
017	0.8000	-.12
083	0.7950	-.28
425	0.7950	-.28
164	0.7950	-.28
413	0.8000	-.28
154	0.7947	-.30
011	0.7918	-.36
572	0.7875	-.50
645	0.7842	-.53
300	0.7988	-.54
100	0.7750	-.77
242	0.7750	-.77
187	0.7717	-.84
345	0.7695	-.94
550	0.7720	-.94
035	0.7650	-1.02
553	0.7750	-1.03
045	0.7630	-1.09
185	0.7615	-1.12
029	0.7481	-1.45
009	0.7442	-1.55
520	0.7450	-1.65
548	0.7416 R	-1.84
106	0.6945	-2.81
265	0.6550 s	-3.87
--	Method 032.99	--
692	0.8050	.71
Avg	0.8050	
670	0.1450 S	-93.34
--	Method 033.00	--
169	0.4400 R	1.73
297	0.4400	1.61
407	0.4400	1.60
353	0.4000	.71
596	0.4000	.71
366	0.3950	.60
045	0.3900	.48
160	0.3850	.39
675	0.3850	.39
512	0.3770	.35
034	0.3775	.23
693	0.3700	.14
016	0.3685	.06
Avg	0.3684	
511	0.3500	-.41
539	0.3550 R	-.63
689	0.3400	-.63
309	0.3324	-.81
504	0.3100	-1.32
588	0.3050	-1.42
674	0.2650	-2.31
298	0.2400 S	-2.87
628	0.1950 s	-3.86
--	Method 033.01	--
011	0.8467 s	17.48
278	0.4600	2.56
710	0.4550	2.35
242	0.4400	1.76
021	0.4386	1.70
039	0.4233	1.12
185	0.4220	1.07
226	0.4150	.81
194	0.4150	.81
610	0.4085	.54
026	0.4050	.45
098	0.4000	.21
510	0.4000	.21
164	0.3950	.19
--	Method 033.01	--
202	0.3950	.19
175	0.3950	.19
629	0.3950	.19
010	0.3950	.19
Avg	0.3945	
004	0.3900	-.18
019	0.3900	-.18
425	0.3900	-.18
229	0.3900	-.18
205	0.3850	-.37
178	0.3850	-.42
590	0.3800	-.56
413	0.3800	-.56
038	0.3800	-.56
354	0.3800	-.56
559	0.3800	-.56
199	0.3790	-.61
100	0.3800	-.68
650	0.3800	-.68
307	0.3750	-.78
029	0.3750	-.78
686	0.3650	-1.16
096	0.3700 R	-1.22
042	0.3555	-1.51
106	0.3510	-1.68
048	0.3500	-1.72
--	Method 033.03	--
529	0.5800 S	6.94
726	0.4000	1.13
505	0.3850	.66
598	0.3700	.16
Avg	0.3650	
144	0.3350	-1.08
190	0.3350	-1.26
122	0.2300 S	-4.35
265	0.2200 S	-4.68
--	Method 033.05	--
171	0.3900	.71
--	Method 033.99	--
552	4.4500 s	61.60
630	0.7720 S	6.85
681	0.4150 R	2.13
673	0.4000	1.23
003	0.3850	1.00
Avg	0.3381	
723	0.2865	-.47
619	0.2810	-.55
121	0.2365 S	-1.21
--	Method 034.01	--
038	0.4180	.71
--	Method 034.03	--
512	0.4152	-.71
--	Method 034.04	--
572	0.4215	.82
169	0.4150	.73
164	0.3950	.51
610	0.3845	.39
Avg	0.3504	
098	0.3050	-.51
619	0.1815	-1.90
--	Method 034.05	--
693	0.5950	1.10
560	0.4240	.04
Avg	0.4180	
154	0.2350	-1.14
--	Method 035.00	--
710	0.2000 s	5.53
035	0.1400 S	1.86
354	0.1350	1.47
675	0.1350	1.47

* 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. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 035.00	--
122	0.1350	1.47
142	0.1300	1.12
263	0.1204	.53
722	0.1202	.52
307	0.1200	.50
152	0.1185	.42
720	0.1150	.36
529	0.1140	.12
Avg	0.1120	
305	0.1100	-.13
038	0.1075	-.28
139	0.1035	-.53
278	0.1050	-.54
175	0.1050	-.54
619	0.1010	-.69
098	0.1000	-.75
233	0.1000	-.75
205	0.1025 R	-.88
656	0.1000 R	-.98
650	0.0950	-1.11
363	0.0700	-2.62
--	Method 035.01	--
138	0.1205	1.27
563	0.1179	.58
Avg	0.1155	
686	0.1135	-.51
647	0.1100	-1.13
--	Method 035.03	--
003	0.1400 s	4.09
598	0.1400 s	3.96
042	0.1380 s	3.76
550	0.1265	2.56
187	0.1255	2.45
164	0.1200 R	2.15
548	0.1177	1.65
100	0.1150	1.46
096	0.1085 R	1.38

Lab	Average*	Index
--	Method 035.03	--
510	0.1105	.93
011	0.1092	.88
226	0.1095	.87
413	0.1100	.85
202	0.1100	.85
089	0.1100	.85
242	0.1100	.85
405	0.1100	.85
682	0.1100	.85
229	0.1050	.61
144	0.1045	.54
186	0.1045	.32
300	0.1040	.25
160	0.1022	.09
645	0.1020	.03
Avg	0.1019	
035	0.1000	-.19
366	0.1000	-.19
017	0.1000	-.19
265	0.1000	-.19
425	0.1000	-.19
726	0.1000	-.19
298	0.1000	-.19
148	0.0995	-.25
021	0.0988	-.34
693	0.0995	-.36
154	0.0971	-.50
407	0.0960	-.61
610	0.0955	-.66
199	0.0951	-.71
572	0.0950	-.72
553	0.0943	-.79
038	0.0945	-.85
309	0.0939	-.87
628	0.0950	-.88
353	0.0950	-.88
520	0.0930 R	-1.17
297	0.0900	-1.23
045	0.0890	-1.34

Lab	Average*	Index
--	Method 035.03	--
185	0.0888	-1.35
345	0.0885	-1.39
037	0.0800	-2.27
--	Method 035.05	--
169	0.1250	1.46
083	0.1150	.84
294	0.1150	.84
665	0.1150	.84
731	0.1100	.46
171	0.1080	.33
Avg	0.1029	
106	0.1005	-.22
588	0.0990	-.25
504	0.0983	-.31
108	0.0900	-1.05
560	0.0870	-1.25
590	0.0720	-2.01
--	Method 035.99	--
670	0.1200	1.18
Avg	0.1115	
692	0.1100	-.21
588	0.1045	-1.03
--	Method 036.00	--
297	0.2200	.62
033	0.2185	.58
Avg	0.2045	
307	0.1750	-1.33
--	Method 036.03	--
042	0.2790	2.12
187	0.2664	1.56
154	0.2568	1.18
169	0.2550	1.08
160	0.2500	.84
560	0.2450	.64
038	0.2430	.53

Lab	Average*	Index
--	Method 036.03	--
366	0.2350	.28
202	0.2350	.28
186	0.2360	.23
708	0.2340	.14
106	0.2330	.12
021	0.2330	.10
Avg	0.2310	
357	0.2300	-.04
171	0.2230	-.38
693	0.2210	-.49
300	0.2220	-.53
045	0.2120	-.84
345	0.2105	-.91
294	0.2100	-.93
550	0.2035	-1.23
265	0.1950	-1.61
353	0.1850	-2.04
--	Method 036.04	--
226	0.2350	.90
Avg	0.2225	
510	0.2100	-.83
--	Method 037.01	--
722	155.97 s	6.70
675	125.16	2.17
505	123.50	2.00
038	120.50	1.49
731	118.50	1.20
098	116.00	.94
014	115.50	.79
590	115.59	.78
619	114.50	.71
013	114.00	.70
178	114.00	.61
720	111.34	.20
653	110.88	.12
Avg	110.31	
350	110.05	-.08

Lab	Average*	Index
--	Method 037.01	--
529	110.05	-.12
307	109.00	-.19
504	110.00	-.30
669	108.04	-.35
620	107.86	-.46
563	106.80	-.51
278	104.95	-.79
354	104.80	-.81
689	105.00	-.89
305	102.72	-1.12
004	102.50	-1.14
674	102.50	-1.16
588	102.00	-1.22
035	102.00	-1.22
710	101.00	-1.37
--	Method 037.03	--
548	133.89 S	3.14
510	123.50	1.80
265	119.50	1.26
029	117.85	1.18
413	117.00	1.07
011	117.31	.99
171	117.00	.94
598	117.00	.94
003	116.50	.93
300	112.40	.66
100	114.50	.62
185	113.50	.52
083	112.00	.39
Avg	109.73	
074	108.50	-.17
550	109.13	-.18
407	108.00	-.22
148	108.00	-.26
297	107.50	-.29
610	106.75	-.39
512	106.20	-.48
026	106.00	-.50

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AAFCO - Feed Check Sample No. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 037.03	--
229	106.00	-.50
520	105.50	-.63
187	104.11	-.72
144	106.60 R	-.83
226	103.50	-.92
242	98.500	-1.45
168	97.500	-1.58
164	89.500	-2.60
405	77.500 s	-4.15
--	Method 037.05	--
042	144.50 s	6.60
038	129.00 s	3.37
017	122.50	1.88
357	120.50	1.56
037	117.90	1.17
309	118.30	1.05
366	116.50	.98
027	117.61	.93
021	116.85	.91
186	116.50	.70
726	113.69	.63
154	114.50	.42
160	113.85	.35
202	113.00	.20
Avg	112.97	
106	112.20	-.19
009	112.11	-.43
628	111.00	-.43
096	110.00	-.58
169	109.50	-.69
560	110.00	-.70
294	109.61	-.76
199	108.85	-.82
353	109.20	-.86
045	108.00	-1.05
572	105.00	-1.62
693	104.00	-1.93
345	90.300 s	-4.47
--	Method 037.99	--
121	125.05 R	3.99
607	114.69	1.07
190	110.26	.09
Avg	109.98	
692	105.00	-1.16
--	Method 038.00	--
038	1.7000	1.09
560	1.6450	.82
510	1.6000	.53
693	1.5700	.39
Avg	1.5071	
154	1.5000	-.04
021	1.3500	-.93
045	1.4000 R	-1.28
169	1.1850	-1.83
--	Method 038.99	--
164	1.8000	.71
--	Method 039.01	--
164	1.2500	.71
--	Method 039.02	--
154	1.8000	.98
021	1.7500	.79
560	1.6800	.58
Avg	1.5702	
045	1.3500	-.96
011	1.2710	-1.28
--	Method 040.00	--
560	2.8150	.71
--	Method 041.00	--
021	1.8000	.90
011	1.7000	.36
Avg	1.6333	
154	1.4000	-1.25
--	Method 045.00	--
511	0.0117	1.20
171	0.0114	.88
017	0.0113	.64
004	0.0111	.32
034	0.0109	.08
Avg	0.0108	
043	0.0108	-.02
026	0.0102	-1.02
038	0.0095	-1.93
--	Method 045.02	--
019	0.0140 S	1.38
001	0.0138	1.28
Avg	0.0107	
003	0.0105	-.43
218	0.0098	-.71
512	0.0097	-.77
039	0.0095	-.83
--	Method 045.99	--
028	0.0103	-.71
--	Method 104.00	--
171	7.2200	-.71
--	Method 104.03	--
026	4.0250	-.71
--	Method 105.00	--
160	2.5850	.71
--	Method 106.00	--
171	5.6500	-.71
--	Method 106.02	--
160	8.7400	2.75
021	6.6150 R	1.26
676	6.4500	1.10
512	6.3635	1.04
--	Method 106.02	--
003	5.3500	.31
169	5.0095	.07
Avg	4.9179	
675	4.6650	-.18
199	4.6550	-.19
016	4.6800	-.22
563	4.4448	-.34
096	4.5800	-.38
610	4.2900	-.45
619	4.1200	-.57
017	3.9000	-.76
004	3.7600	-.83
560	2.7600	-1.54
--	Method 106.99	--
670	7.0150	-.71
--	Method 108.02	--
560	8.8900	.87
Avg	5.6900	
675	2.4900	-.87
--	Method 109.02	--
563	51.233 R	2.20
676	44.610	1.01
610	41.450	.52
199	41.450	.46
619	39.100	.05
675	38.930	.02
Avg	38.832	
560	27.450	-2.00
--	Method 109.99	--
096	53.000	.71
--	Method 120.00	--
160	1.1365 s	5.18
619	1.0550	1.62
676	1.0380	1.05
--	Method 120.00	--
684	1.0305	.73
571	1.0250	.36
350	1.0185	.33
Avg	1.0184	
652	1.0100	-.57
504	1.0100	-.57
675	0.9900	-1.24
662	0.9883	-1.34
--	Method 121.00	--
675	1.1300	1.65
619	1.1100	1.08
571	1.1000	.86
652	1.0850	.50
676	1.0885	.46
Avg	1.0724	
504	1.0650	-.42
684	1.0540	-.56
662	1.0420	-.79
160	1.0336	-1.12
350	1.0160	-1.43
--	Method 122.00	--
684	1.6230 R	1.82
675	1.6500	1.46
676	1.6265	1.10
652	1.5900	.63
160	1.5577	.12
Avg	1.5515	
571	1.5400	-.33
504	1.5150	-.57
662	1.4900	-.91
350	1.4425	-1.58
619	0.2875 s	-18.30
--	Method 124.00	--
160	0.3996 S	4.07
684	0.3535	1.72
350	0.3350	.80

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AAFCO - Feed Check Sample No. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 124.00	--
652	0.3250	.37
571	0.3250	.27
Avg	0.3198	
662	0.3180	-.15
675	0.3100	-.72
619	0.3020	-.91
504	0.2900	-1.52
--	Method 124.02	--
676	0.3030	.71
--	Method 124.05	--
610	0.3200	.00
--	Method 125.00	--
675	3.3500	1.22
160	3.3437	1.13
684	3.3360	1.10
619	3.3000	.68
571	3.2400	.32
Avg	3.2364	
662	3.2310	-.33
504	3.1600	-.87
652	3.1700	-.88
350	3.1185	-1.25
676	3.1150	-1.33
--	Method 126.00	--
160	0.7973	1.98
619	0.7720	.93
652	0.7550	.68
675	0.7600	.54
571	0.7595	.37
676	0.7535	.20
Avg	0.7533	
684	0.7435	-.44
662	0.7398	-.72
350	0.7275	-1.17
504	0.7250	-1.29

Lab	Average*	Index
--	Method 127.00	--
676	0.5910	1.97
160	0.5543	1.15
619	0.5300	.64
652	0.5050	.34
675	0.5100	.19
Avg	0.5013	
571	0.4890	-.28
504	0.4700	-.68
662	0.4603	-.90
684	0.4585	-.94
350	0.4450	-1.23
--	Method 128.00	--
571	0.6865	.99
676	0.6870	.99
675	0.6800	.83
504	0.6750	.65
652	0.6650	.55
662	0.6639	.33
Avg	0.6522	
684	0.6350	-.57
350	0.6185	-.95
619	0.6285	-.95
160	0.5826	-1.97
--	Method 129.00	--
676	1.6795	1.24
652	1.6350	.74
571	1.6550	.68
504	1.6500	.65
619	1.6500	.54
684	1.6430	.41
Avg	1.6251	
350	1.6015	-.59
675	1.5850	-.87
160	1.5267	-1.99
662	1.1206 s	-14.39

Lab	Average*	Index
--	Method 130.00	--
512	0.9194	1.17
160	0.9084	.85
619	0.9020	.80
676	0.8975	.63
571	0.8985	.61
504	0.8950	.49
675	0.8900	.43
Avg	0.8788	
350	0.8765	-.07
171	0.8750	-.18
662	0.8511	-.83
652	0.8200	-1.79
684	0.8125	-1.91
--	Method 130.05	--
723	0.9250	.87
Avg	0.8900	
610	0.8550	-.87
--	Method 131.00	--
652	0.3350 R	2.07
512	0.3473	1.62
160	0.3370	1.05
350	0.3255	.48
684	0.3245	.39
Avg	0.3172	
675	0.3150	-.29
571	0.3115	-.35
662	0.3014	-.83
504	0.3050	-1.02
619	0.2875	-1.57
--	Method 131.01	--
171	0.3275	.71
--	Method 131.02	--
676	0.3915	.71

Lab	Average*	Index
--	Method 131.05	--
723	0.3650	.88
Avg	0.3425	
610	0.3200	-.86
--	Method 132.00	--
619	0.8990	1.87
676	0.8685	.96
652	0.8600	.90
571	0.8545	.49
675	0.8400	.00
Avg	0.8399	
662	0.8342	-.47
160	0.8239	-.51
350	0.8110	-.92
504	0.8050	-1.11
684	0.8030	-1.21
--	Method 133.00	--
676	1.2580	.87
160	1.2481	.75
571	1.2350	.72
619	1.2350	.62
652	1.2150	.41
684	1.2070	.28
Avg	1.1825	
662	1.1694	-.16
675	1.0700	-1.31
504	1.0050	-2.07
--	Method 134.00	--
160	0.9148	1.46
619	0.8995	1.22
684	0.8800	.96
571	0.8455	.25
662	0.8338	.15
Avg	0.8314	
652	0.8200	-.27
675	0.8250	-.29
504	0.7800	-1.04

Lab	Average*	Index
--	Method 134.00	--
350	0.7625	-1.20
676	0.7530	-1.48
--	Method 135.00	--
684	0.6865 s	2.82
652	0.6800	1.57
619	0.6755	1.06
160	0.6655	.59
675	0.6600	.57
571	0.6570	.34
Avg	0.6528	
504	0.6450	-.79
350	0.6315	-.99
676	0.6325	-1.06
662	0.6283	-1.18
--	Method 135.05	--
610	0.6400	.71
--	Method 136.00	--
684	0.1800	.89
Avg	0.1732	
662	0.1664	-.85
--	Method 136.01	--
160	0.2481	1.29
Avg	0.2052	
571	0.1860	-.57
619	0.1815	-.71
--	Method 136.99	--
504	0.2000	.87
Avg	0.1878	
610	0.1755	-.87
--	Method 137.00	--
662	0.6768	.97
676	0.6710	.90
160	0.6557	.64

* 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. - 200821 Chicken Starter / Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
-- Method 137.00 --														
675	0.6250	.28												
684	0.6255	.28												
Avg	0.6149													
504	0.5450	-1.12												
350	0.5055	-1.71												
-- Method 138.00 --														
571	0.8345	1.20												
350	0.8335	1.19												
676	0.8255	.94												
662	0.8125	.51												
Avg	0.7970													
619	0.7850	-.40												
675	0.7950	-.49												
504	0.7700	-.92												
684	0.7660	-1.05												
160	0.7515	-1.47												
652	0.7200 R	-2.78												
-- Method 139.00 --														
504	0.0550	.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. - 200821 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	10	0.0360	1.00	0.19	009.09	14	0.0000	1.00	0.17
001.03	4	0.0000	0.99	0.37	009.99	4	1.5973	3.32	0.05
001.07	39	-0.0108	0.98	0.24	010.03	2	-3.0052	4.25	0.51
001.08	2	0.0000	1.22	0.03	010.11	11	0.0145	0.96	0.27
001.99	14	0.0000	1.01	0.10	010.99	12	0.0811	1.00	0.22
002.00	3	0.0000	0.98	0.45	011.01	70	-0.0068	1.18	0.27
002.01	10	-0.1358	1.00	0.56	011.99	3	0.0000	1.11	0.13
002.02	12	-0.1878	1.39	0.60	012.00	6	0.0000	1.04	0.09
002.03	3	-1.7678	10.49	2.09	012.01	2	0.0000	1.20	0.16
002.04	7	2.1017	8.44	1.75	012.03	3	0.0000	1.11	0.13
002.05	18	0.0000	0.98	0.24	012.04	5	0.0000	1.04	0.19
002.06	109	0.0475	1.13	0.30	012.11	2	0.0000	1.19	0.19
002.08	5	0.0000	0.87	0.55	013.02	14	0.1248	1.06	0.33
002.10	9	-0.0562	0.94	0.44	013.10	15	-0.0103	0.95	0.32
002.11	15	-0.5665	3.33	0.30	013.99	4	0.0000	1.07	0.11
002.99	9	0.2678	1.23	0.37	015.00	11	0.7608	2.01	0.63
003.00	29	0.0241	1.49	0.66	017.00	6	0.0000	1.02	0.21
003.06	30	1.0269	4.82	0.55	018.02	2	0.0000	0.86	0.62
003.09	30	0.1867	1.26	0.46	019.00	12	0.4905	1.71	0.45
003.10	32	0.9035	5.11	0.49	019.01	51	0.0679	1.12	0.35
003.11	15	-0.3388	2.05	0.52	019.03	6	0.0000	1.03	0.16
003.12	3	0.0000	0.53	0.80	019.05	37	-0.1313	1.07	0.56
003.13	3	0.0000	0.47	0.83	019.08	8	0.0000	0.99	0.27
003.14	10	0.0445	0.85	0.77	019.09	28	0.4295	1.83	0.15
003.99	9	1.1358	2.62	1.36	019.99	10	0.1732	2.94	0.27
004.00	30	-0.0080	0.98	0.15	020.01	8	0.0000	1.01	0.21
004.01	2	0.0000	0.38	0.82	020.99	2	0.0000	0.41	0.82
004.03	3	0.0000	1.03	0.35	021.01	2	0.0000	0.00	0.00
004.06	33	0.2327	1.41	0.26	021.02	10	0.0000	1.01	0.19
004.07	41	-0.1433	1.22	0.17	022.01	28	1.3125	5.18	0.91
004.11	14	-0.1810	1.19	0.19	022.03	29	0.2893	2.42	0.50
004.99	10	-0.1461	1.04	0.45	022.05	29	0.6223	2.20	0.82
005.00	125	-0.0349	1.07	0.35	022.99	3	0.0000	1.06	0.29
005.11	11	1.5502	3.60	0.59	025.01	21	-0.0614	1.72	0.32
005.99	12	-0.0487	4.36	0.30	025.03	26	0.3125	1.74	0.60
008.02	15	0.0000	1.02	0.07	025.05	24	0.6736	2.17	0.40
008.08	16	-0.0212	0.98	0.16	025.99	3	0.0000	1.11	0.09
008.99	5	0.0000	1.00	0.32	027.01	26	0.0065	0.95	0.31
009.07	14	0.0000	1.01	0.14	027.03	30	379.7531	2078.55	44.57

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
027.05	25	0.2992	1.43	0.33
028.01	28	-0.6873	2.79	0.20
028.03	30	-0.0823	1.18	0.47
028.05	25	-0.4594	2.71	0.53
028.99	3	0.0000	0.94	0.50
031.01	57	-0.3796	1.89	0.37
031.02	4	0.1270	0.93	0.87
031.03	7	0.0554	0.95	0.30
031.05	64	0.0182	1.07	0.32
031.06	3	0.0000	1.11	0.14
031.99	12	0.2404	1.24	0.40
032.01	21	-0.9550	4.48	0.24
032.02	7	0.1391	1.01	0.56
032.05	53	-0.0734	1.10	0.33
032.99	2	-46.6690	66.00	0.71
033.00	22	-0.2465	1.41	0.22
033.01	39	0.4238	2.97	0.20
033.03	8	-0.2621	3.62	0.34
033.99	8	8.7272	21.51	0.67
034.04	6	0.0000	1.04	0.09
034.05	3	0.0000	1.11	0.08
035.00	24	0.2457	1.50	0.31
035.01	4	0.0000	0.96	0.42
035.03	50	0.2666	1.34	0.35
035.05	12	0.0000	0.96	0.35
035.99	3	0.0000	1.09	0.20
036.00	3	0.0000	1.03	0.36
036.03	23	0.0000	1.00	0.17
036.04	2	0.0000	1.18	0.24
037.01	29	0.2303	1.57	0.25
037.03	30	-0.0481	1.34	0.28
037.05	27	0.1815	1.83	0.62
037.99	4	0.8583	1.94	1.03
038.00	8	-0.0758	0.97	0.43
039.02	5	0.0000	1.03	0.22
041.00	3	0.0000	1.12	0.01
045.00	8	0.0000	1.02	0.16
045.02	6	0.0000	1.04	0.12
106.02	16	0.0759	1.02	0.15
108.02	2	0.0000	1.22	0.03
109.02	7	0.3108	1.26	0.15
120.00	10	0.5167	1.86	0.37
121.00	10	0.0000	0.92	0.43
122.00	10	-1.7260	5.90	0.51
124.00	9	0.4525	1.65	0.21
125.00	10	0.0000	0.98	0.29
126.00	10	0.0000	0.96	0.34
127.00	10	0.0000	1.01	0.15
128.00	10	0.0000	0.97	0.32
129.00	10	-1.0207	3.35	3.23
130.00	12	0.0000	0.98	0.27
130.05	2	0.0000	1.21	0.12
131.00	10	0.0939	0.97	0.66
131.05	2	0.0000	1.21	0.13
132.00	10	0.0000	0.98	0.30
133.00	9	0.0000	1.00	0.23
134.00	10	0.0000	0.97	0.31
135.00	10	0.1567	0.99	0.87
136.00	2	0.0000	1.15	0.30
136.01	3	0.0000	1.11	0.14
136.99	2	0.0000	1.22	0.02
137.00	7	0.0000	1.02	0.18
138.00	10	-0.2470	1.22	0.47