Feed Check Sample No. - 200730 Lamb Grower, Medicated
Association of American Feed Control Officials

Method	AOAC 18th	Method Code	Pass 1 No. of Labs	Pass 1 Grand Avg.	Pass 1 Std. Dev.	Pass 1 Average Range of Dups	Pass 2 No. of Labs	Pass 2 Grand Avg.	Pass 2 Std. Dev.	Pass 2 Average Range of Dups
NPN, Urea + Am, Urease Method.....	941.04	000.01	1	2.10000	0.00000	0.00000	1	2.10000	0.00000	0.00000
Urea, Misc		000.99	1	1.44000	0.01414	0.02000	1	1.44000	0.01414	0.02000
Method Group 000.XX PCT			2	1.77000	0.38114	0.01000	2	1.77000	0.38114	0.01000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	6	9.44250	0.50078	0.07833	6	9.44250	0.50078	0.07833
Loss on Drying, ISO 6496		001.03	5	9.69500	0.13352	0.02600	5	9.69500	0.13352	0.02600
Loss on Drying, LECO		001.05	1	9.55000	0.00000	0.00000	1	9.55000	0.00000	0.00000
Loss on Drying, 104 deg 3 hr, in malt .	935.29	001.07	38	9.51836	0.29362	0.12171	34	9.52684	0.27477	0.07926
Loss on Drying, Misc		001.99	15	9.55061	0.27464	0.17043	15	9.55061	0.27464	0.17043
Method Group 001.XX PCT			65	9.53287	0.30448	0.11971	61	9.53855	0.29506	0.09592
Protein, Crude	954.01	002.00	3	18.3833	0.23687	0.08000	3	18.3833	0.23687	0.08000
Protein, Auto Kjel-Foss	976.05	002.01	9	18.1781	0.20503	0.12778	8	18.1472	0.17982	0.09000
Protein, Semiauto Autoanalyzer	976.06	002.02	11	18.0319	0.32269	0.11645	10	18.0742	0.29862	0.08380
Protein, Hach Method		002.03	3	18.3650	0.49939	0.40333	3	18.3650	0.49939	0.40333
Protein, Copper Cat	984.13	002.04	4	18.5288	0.31293	0.08750	4	18.5288	0.31293	0.08750
Protein, Copper, Boric Acid		002.05	18	18.1433	0.27551	0.05254	17	18.1538	0.27892	0.04328
Protein, Combustion Nitrogen Analyzer	990.03	002.06	112	18.5328	0.31326	0.13284	108	18.5236	0.29936	0.11822
Protein, Block Dig	976.06	002.07	1	18.3900	0.02828	0.04000	1	18.3900	0.02828	0.04000
Protein, Cu/Ti	988.05	002.08	5	18.3832	0.17151	0.11160	5	18.3832	0.17151	0.11160
Protein, Selenium Catalyst		002.09	1	18.6600	0.00000	0.00000	1	18.6600	0.00000	0.00000
Protein, Block dig/distillation		002.10	9	18.2367	0.30176	0.17556	9	18.2367	0.30176	0.17556
Protein, NIR		002.11	14	18.5469	0.39221	0.15200	14	18.5469	0.39221	0.15200
Protein, Misc		002.99	4	18.5388	0.29974	0.37250	4	18.5388	0.29974	0.37250
Method Group 002.XX PCT			194	18.4303	0.35073	0.13325	187	18.4297	0.33762	0.12117
Fat, Eth Ext, Direct	920.39	003.00	27	3.04362	0.18050	0.07621	25	3.05691	0.14680	0.06351
Fat, Pet Ether		003.06	26	2.86154	0.19621	0.08538	25	2.87560	0.17579	0.06400
Fat, Soxtec, Eth Ext		003.09	29	2.94039	0.21715	0.08978	27	2.92079	0.19546	0.06014
Fat, Soxtec, Pet Ether		003.10	28	2.67714	0.14786	0.07014	27	2.67722	0.14717	0.06052
Fat, NIR		003.11	16	2.69650	0.20007	0.06400	16	2.69650	0.20007	0.06400
Fat, Hexane Ext.		003.12	4	2.88625	0.06760	0.10750	4	2.88625	0.06760	0.10750
Fat, Soxtec, Hexane Ext.		003.13	4	2.74163	0.18265	0.08625	4	2.74163	0.18265	0.08625
Fat, Ankom		003.14	14	2.67393	0.17641	0.10357	13	2.68231	0.17360	0.08462
Fat, Misc		003.99	8	3.07250	0.38387	0.16000	8	3.07250	0.38387	0.16000
Method Group 003.XX PCT			156	2.84923	0.24609	0.08573	149	2.84943	0.23678	0.07131
Fiber, Crude Asbestos Free	962.09	004.00	29	6.00137	0.42260	0.12182	29	6.00137	0.42260	0.12182
Fiber, Sing Filt		004.01	2	7.02500	0.38803	0.16000	2	7.02500	0.38803	0.16000
Fiber, Fritted Glass	978.10	004.03	3	6.16167	0.17927	0.23667	3	6.16167	0.17927	0.23667
Fiber, Fibertec		004.06	32	6.27993	0.36540	0.14827	31	6.28170	0.36707	0.13338
Fiber, ANKOM		004.07	39	5.84872	0.43532	0.13436	38	5.82961	0.41664	0.11184
Fiber, NIR		004.11	15	6.24920	0.57034	0.24080	14	6.19664	0.53479	0.18300

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Fiber, Misc		004.99	7	5.67429	0.35811	0.26857	7	5.67429	0.35811	0.26857
Method Group 004.XX PCT			127	6.05583	0.48132	0.15779	124	6.04279	0.47197	0.14024
Ash,	942.05	005.00	121	5.91267	0.19305	0.06848	113	5.90321	0.18111	0.04873
Ash, LECO		005.02	1	6.03000	0.02828	0.04000	1	6.03000	0.02828	0.04000
Ash, NIR		005.11	10	6.00048	0.43276	0.21382	13	6.20114	0.53596	0.19986
Ash, Misc		005.99	13	5.97115	0.23410	0.07615	13	5.97115	0.23410	0.07615
Method Group 005.XX PCT			145	5.92478	0.22119	0.07899	137	5.91768	0.21478	0.06332
Sugar, TSI, Lane-Eynon (12th)	923.09	006.05	1	4.63000	0.01414	0.02000	1	4.63000	0.01414	0.02000
Fiber, Acid Detergent	973.18	008.02	19	7.87692	0.40556	0.14437	17	7.86185	0.41741	0.10371
Fiber, Acid Detergent-Hach		008.05	1	8.20000	0.70711	1.00000	1	8.20000	0.70711	1.00000
Fiber, Acid Detergent by ANKOM		008.08	22	7.81114	0.65024	0.29591	21	7.80619	0.64131	0.23333
Fiber, Acid Detergent Misc		008.99	5	7.81700	0.80273	0.30200	4	8.12125	0.44347	0.07750
Method Group 008.XX PCT			47	7.84663	0.57656	0.25028	43	7.86666	0.54647	0.18542
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	19.2200	0.21213	0.30000	1	19.2200	0.21213	0.30000
Fiber, Neutral Det-ENZ Pretreat		009.07	16	16.4097	1.45131	0.22687	16	16.4097	1.45131	0.22687
Fiber, Neutral Detergent by ANKOM		009.09	17	16.2441	1.23100	0.31882	17	16.2441	1.23100	0.31882
Fiber, Neutral Det Misc		009.99	5	16.6250	0.94628	0.69000	5	16.6250	0.94628	0.69000
Method Group 009.XX PCT			39	16.4372	1.35099	0.32821	39	16.4372	1.35099	0.32821
Moisture, Karl-Fischer	966.20	010.03	1	9.08500	0.09192	0.13000	1	9.08500	0.09192	0.13000
Moisture, NIR		010.11	12	10.2118	0.23476	0.14025	12	10.2118	0.23476	0.14025
Moisture, Misc		010.99	13	9.60204	0.56821	0.12515	12	9.58763	0.58012	0.07475
Method Group 010.XX PCT			26	9.86358	0.54680	0.13231	25	9.86712	0.55265	0.10840
Loss on Drying, 135 deg 2 hr	930.15	011.01	74	10.5052	0.46993	0.10701	67	10.4852	0.44694	0.08013
Loss on Drying, High Temp Methods, Misc		011.99	4	9.99125	0.50377	0.25750	4	9.99125	0.50377	0.25750
Method Group 011.XX PCT			78	10.4788	0.48356	0.11473	71	10.4574	0.46269	0.09012
Starch, Polarimetric (Ewers)		012.00	7	37.2621	1.37798	0.32429	7	37.2621	1.37798	0.32429
Starch, Megazyme		012.01	4	34.6563	0.47827	0.34250	4	34.6563	0.47827	0.34250
Starch, Colorimetric (GOP)		012.02	2	34.8350	0.85110	0.51000	2	34.8350	0.85110	0.51000
Starch, Enzymatic		012.03	3	36.3583	1.10735	1.01667	3	36.3583	1.10735	1.01667
Starch, YSI Analyzer		012.04	6	35.7050	2.90979	0.45333	6	35.7050	2.90979	0.45333
Starch, NIR		012.11	2	36.0450	0.58244	0.40000	2	36.0450	0.58244	0.40000
Method Group 012.XX PCT			24	36.0219	1.91700	0.46792	24	36.0219	1.91700	0.46792
Fat, Mojonnier, Bak Ext	954.02	013.02	17	4.01118	0.26924	0.07882	15	4.00333	0.27989	0.05067
Fat, Soxtec-Acid Hydrolysis		013.10	17	3.59500	0.34341	0.11212	17	3.59500	0.34341	0.11212
Fat, NIR-Acid Hydrolysis		013.12	1	2.91500	0.00707	0.01000	1	2.91500	0.00707	0.01000
Fat, Pretreat or extended ext, misc		013.99	2	4.24750	1.03754	0.08500	2	4.24750	1.03754	0.08500
Method Group 013.XX PCT			37	3.80311	0.45065	0.09259	35	3.78786	0.45714	0.08131
Aluminum, ICP		015.00	11	98.1349	10.9381	4.55909	10	99.3034	10.3829	3.20500
Method Group 015.XX PPM			11	98.1349	10.9381	4.55909	10	99.3034	10.3829	3.20500

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Arsenic, AA, Hydride		016.00	1	0.05400	0.00000	0.00000	1	0.05400	0.00000	0.00000
Arsenic, ICP		016.02	1	0.01000	0.00000	0.00000	1	0.01000	0.00000	0.00000
Method Group 016.XX PPM			2	0.03200	0.02540	0.00000	2	0.03200	0.02540	0.00000
Boron, ICP		017.00	6	10.6317	1.13370	0.51667	6	10.6317	1.13370	0.51667
Method Group 017.XX PPM			6	10.6317	1.13370	0.51667	6	10.6317	1.13370	0.51667
Cadmium, ICP		018.02	4	0.17694	0.14957	0.03813	4	0.17694	0.14957	0.03813
Method Group 018.XX PPM			4	0.17694	0.14957	0.03813	4	0.17694	0.14957	0.03813
Calcium, Ox-Mn04 Vol	927.02	019.00	12	0.96647	0.08165	0.02020	12	0.98037	0.09848	0.01612
Calcium, At Abs Spect	968.08	019.01	48	0.98509	0.04206	0.01302	47	0.98594	0.04193	0.01223
Calcium, Semiauto (Autoanalyzer)		019.03	7	1.00671	0.07151	0.01571	7	1.00671	0.07151	0.01571
Calcium, ICP, Dry Ash		019.05	41	0.97810	0.04862	0.01463	39	0.97967	0.04803	0.01154
Calcium, EDTA		019.08	6	1.04117	0.04564	0.05000	6	1.04117	0.04564	0.05000
Calcium, ICP, Wet Ash		019.09	30	0.99455	0.05879	0.03269	29	0.99203	0.05730	0.03013
Calcium, Misc		019.99	7	0.95229	0.07386	0.01600	7	0.95229	0.07386	0.01600
Method Group 019.XX PCT			151	0.98530	0.05630	0.01967	146	0.98543	0.05590	0.01755
Chromium, AA		020.00	2	3.27700	0.62074	0.15400	2	3.27700	0.62074	0.15400
Chromium, ICP		020.01	10	2.52448	0.49113	0.24715	9	2.47719	0.47126	0.17461
Chromium, Misc		020.99	2	3.21250	0.88394	0.17500	2	3.21250	0.88394	0.17500
Method Group 020.XX PPM			14	2.73027	0.63990	0.22354	13	2.71337	0.64952	0.17150
Cobalt, AA	968.08	021.01	3	1.36500	0.45623	0.06333	3	1.36500	0.45623	0.06333
Cobalt, ICP		021.02	15	1.04323	0.22960	0.06713	14	1.03382	0.23071	0.04836
Cobalt, Misc.		021.99	3	1.44100	0.54551	0.04400	3	1.44100	0.54551	0.04400
Method Group 021.XX PPM			21	1.14602	0.35559	0.06329	20	1.14458	0.36261	0.04995
Copper, AA	968.08	022.01	24	9.76481	1.19086	0.49913	23	9.66111	1.08538	0.43909
Copper, ICP, Dry Ash	968.08	022.03	31	8.68095	1.52709	0.74533	28	8.78054	1.41914	0.41250
Copper, ICP, Wet Ash	968.08	022.05	28	9.22804	1.20658	0.67036	27	9.10685	1.04038	0.65815
Copper, Misc		022.99	4	8.80500	0.81195	0.44500	4	8.80500	0.81195	0.44500
Method Group 022.XX PPM			87	9.16172	1.37409	0.63947	82	9.13616	1.22960	0.50243
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	263.273	22.2598	5.86956	24	263.034	22.5827	5.19746
Iron, ICP, Dry Ash	968.08	025.03	32	252.447	18.4088	6.36175	32	252.447	18.4088	6.36175
Iron, ICP, Wet Ash	968.08	025.05	22	251.538	19.5050	7.08500	22	251.538	19.5050	7.08500
Iron, Misc		025.99	3	259.435	29.8061	12.1100	3	259.435	29.8061	12.1100
Method Group 025.XX PPM			82	255.759	20.8442	6.61604	81	255.596	20.8847	6.42611
Lead,		026.00	1	0.01000	0.00000	0.00000	1	0.01000	0.00000	0.00000
Lead, Misc		026.99	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Method Group 026.XX PPM			2	0.00500	0.00577	0.00000	2	0.00500	0.00577	0.00000
Magnesium, AA	968.08	027.01	26	0.23816	0.01744	0.00464	25	0.23808	0.01767	0.00402
Magnesium, ICP, Dry Ash	968.08	027.03	35	0.23789	0.01002	0.00464	35	0.23789	0.01002	0.00464

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Magnesium, ICP, Wet Ash	968.08	027.05	26	0.23958	0.01348	0.00479	26	0.23958	0.01348	0.00479
Magnesium, Misc.		027.99	3	0.24000	0.02077	0.00467	3	0.24000	0.02077	0.00467
Method Group 027.XX PCT			90	0.23853	0.01378	0.00468	89	0.23851	0.01381	0.00451
Manganese, AA	968.08	028.01	30	120.617	8.67633	3.69747	30	120.617	8.67633	3.69747
Manganese, ICP, Dry Ash	968.08	028.03	32	120.823	6.39485	3.19166	30	120.278	5.61027	2.87110
Manganese, ICP, Wet Ash	968.08	028.05	26	126.903	7.17657	6.80962	26	126.903	7.17657	6.80962
Manganese, Misc.		028.99	5	128.060	12.0312	6.48000	5	128.060	12.0312	6.48000
Method Group 028.XX PPM			93	122.845	8.26413	4.54309	91	122.710	8.15793	4.46711
Mercury,		029.00	1	0.00350	0.00071	0.00100	1	0.00350	0.00071	0.00100
Phosphorus, Photometric	965.17	031.01	59	0.66382	0.02367	0.01015	57	0.66255	0.02205	0.00911
Phosphorus, GQMP (2.028)	964.06	031.02	6	0.67839	0.00645	0.00540	6	0.67839	0.00645	0.00540
Phosphorus, Autoanalyzer		031.03	7	0.66479	0.03685	0.00700	7	0.65336	0.05156	0.00414
Phosphorus, ICP		031.05	70	0.67195	0.02839	0.01316	66	0.67025	0.02721	0.01093
Phosphorus, Hach Method		031.06	2	0.67000	0.01826	0.01000	2	0.67000	0.01826	0.01000
Phosphorus, Misc		031.99	7	0.67143	0.04572	0.02000	10	0.66075	0.06682	0.02510
Method Group 031.XX PCT			151	0.66865	0.02762	0.01167	144	0.66751	0.02655	0.01008
Potassium, AA	975.03	032.01	21	0.98514	0.05184	0.02279	19	0.98873	0.04992	0.01655
Potassium, Flame Emission	956.01	032.02	6	0.98425	0.08381	0.03217	6	0.98425	0.08381	0.03217
Potassium, ICP		032.05	61	0.99804	0.06100	0.02307	59	0.99874	0.06020	0.01928
Potassium, Misc		032.99	3	0.98500	0.08620	0.02333	3	0.98500	0.08620	0.02333
Method Group 032.XX PCT			91	0.99372	0.06137	0.02361	87	0.99508	0.06062	0.01971
Salt, Sol Cl	943.01	033.00	17	0.59703	0.03423	0.01441	17	0.59703	0.03423	0.01441
Salt, Poten Cl	969.10	033.01	34	0.62609	0.02507	0.00746	33	0.62642	0.02524	0.00678
Salt, Quantab		033.03	7	0.63071	0.08695	0.01286	8	0.60000	0.11673	0.01500
Salt, Ion Sel Electrode		033.05	2	0.61750	0.00957	0.01500	2	0.61750	0.00957	0.01500
Salt, Misc		033.99	7	0.57450	0.08155	0.02014	7	0.57450	0.08155	0.02014
Method Group 033.XX PCT			67	0.61355	0.04838	0.01134	66	0.61353	0.04871	0.01106
Selenium, Fluor	969.06	034.01	3	0.57383	0.01926	0.01767	3	0.57383	0.01926	0.01767
Selenium, AA, Hydride		034.04	9	0.53372	0.04029	0.00944	9	0.53372	0.04029	0.00944
Selenium, ICP		034.05	3	0.70000	0.12688	0.05733	3	0.70000	0.12688	0.05733
Selenium, Misc		034.99	2	0.62250	0.03304	0.02500	2	0.62250	0.03304	0.02500
Method Group 034.XX PPM			17	0.58059	0.08627	0.02118	17	0.58059	0.08627	0.02118
Sodium, AA		035.00	24	0.18825	0.01433	0.00544	22	0.18673	0.01357	0.00411
Sodium, Ion Sel Electrode		035.01	5	0.19448	0.00434	0.00488	5	0.19448	0.00434	0.00488
Sodium, ICP		035.03	58	0.18307	0.01262	0.00648	55	0.18243	0.01138	0.00575
Sodium, Flame Emission	956.01	035.05	8	0.19151	0.00783	0.00766	8	0.19151	0.00783	0.00766
Sodium, Misc		035.99	3	0.17333	0.00516	0.00000	3	0.17333	0.00516	0.00000
Method Group 035.XX PCT			98	0.18531	0.01291	0.00604	93	0.18458	0.01196	0.00530
Sulfur, (Gravimetric)		036.00	1	0.26000	0.00000	0.00000	1	0.26000	0.00000	0.00000

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Sulfur, ICP		036.03	21	0.26342	0.01864	0.00616	21	0.26342	0.01864	0.00616
Sulfur, LECO		036.04	2	0.26000	0.00000	0.00000	2	0.26000	0.00000	0.00000
Method Group 036.XX PCT			24	0.26300	0.01745	0.00539	24	0.26300	0.01745	0.00539
Zinc, AA	968.08	037.01	30	161.495	9.26485	5.85720	29	160.995	8.77308	5.30055
Zinc, ICP, Dry Ash	968.08	037.03	34	162.677	9.51989	5.09812	32	161.850	8.17597	3.35175
Zinc, ICP, Wet Ash	968.08	037.05	27	168.405	12.8173	7.16111	27	168.405	12.8173	7.16111
Zinc, Misc		037.99	4	156.823	16.4977	9.03000	5	165.058	22.7307	8.82400
Method Group 037.XX PPM			95	163.685	11.1946	6.08971	92	163.286	10.8129	5.33089
Molybdenum, ICP		038.00	7	1.81311	0.14486	0.08136	7	1.81311	0.14486	0.08136
Molybdenum, Misc		038.99	2	1.97500	0.51881	0.25000	2	1.97500	0.51881	0.25000
Method Group 038.XX PPM			9	1.84908	0.26142	0.11883	9	1.84908	0.26142	0.11883
Nickel, AA		039.01	1	2.55000	0.07071	0.10000	1	2.55000	0.07071	0.10000
Nickel, ICP		039.02	7	2.68200	0.39738	0.28657	6	2.68733	0.36250	0.15100
Method Group 039.XX PPM			8	2.66550	0.37312	0.26325	7	2.66771	0.33773	0.14371
Barium, ICP		040.00	1	7.29000	0.11314	0.16000	1	7.29000	0.11314	0.16000
Vanadium, ICP		041.00	2	0.91888	0.05629	0.06775	2	0.91888	0.05629	0.06775
Method Group 041.XX PPM			2	0.91888	0.05629	0.06775	2	0.91888	0.05629	0.06775
Lasalocid, Sodium (Microbio)	975.60	061.00	1	25.2000	0.14142	0.20000	1	25.2000	0.14142	0.20000
Lasalocid, Sodium, HPLC		061.02	15	28.4239	2.23815	1.13033	15	28.4239	2.23815	1.13033
Method Group 061.XX G/TON			16	28.2224	2.30552	1.07219	16	28.2224	2.30552	1.07219
Riboflavin, Fluorometric	970.65	104.00	1	2.69500	0.20506	0.29000	1	2.69500	0.20506	0.29000
Thiamine, HPLC		105.00	1	2.48500	0.04950	0.07000	1	2.48500	0.04950	0.07000
Vitamin A, Color	974.29	106.00	1	3.40000	0.14142	0.20000	1	3.40000	0.14142	0.20000
Vitamin A, HPLC		106.02	16	2.45186	0.65964	0.26116	15	2.39898	0.62995	0.20323
Method Group 106.XX KU/LB			17	2.50763	0.67870	0.25756	16	2.46155	0.65764	0.20303
Vitamin D3, HPLC		108.02	4	9.21487	12.7153	0.43975	3	2.43650	2.34942	0.01967
Method Group 108.XX KU/LB			4	9.21487	12.7153	0.43975	3	2.43650	2.34942	0.01967
Vitamin E, HPLC		109.02	8	49.1182	14.9351	0.70244	8	49.1182	14.9351	0.70244
Method Group 109.XX MG/KG			8	49.1182	14.9351	0.70244	8	49.1182	14.9351	0.70244
Alanine, Post-col Ninhydrin Der	994.12	120.00	10	0.86279	0.02724	0.01903	9	0.86348	0.02657	0.01409
Alanine, Pre-col AQC Der		120.05	1	0.86500	0.00707	0.01000	1	0.86500	0.00707	0.01000
Method Group 120.XX PCT			11	0.86299	0.02597	0.01821	10	0.86363	0.02519	0.01368
Arginine, Post-col Ninhydrin Der	994.12	121.00	10	1.18789	0.04850	0.02292	10	1.18789	0.04850	0.02292
Arginine, Pre-col AQC Der		121.05	1	1.26000	0.05657	0.08000	1	1.26000	0.05657	0.08000
Method Group 121.XX PCT			11	1.19445	0.05225	0.02811	11	1.19445	0.05225	0.02811
Aspartic, Post-col Ninhydrin Der	994.12	122.00	9	1.57661	0.04337	0.02154	9	1.57661	0.04337	0.02154
Aspartic, Pre-col AQC Der		122.05	1	1.55000	0.01414	0.02000	1	1.55000	0.01414	0.02000
Method Group 122.XX PCT			10	1.57395	0.04196	0.02139	10	1.57395	0.04196	0.02139
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	9	0.33824	0.07159	0.00636	9	0.33824	0.07159	0.00636

Method	AOAC 18th	Method Code	- Pass 1 Results for 194 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 194 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Cysteine/Cystine, PAO Post-col OPA Der		124.02	1	0.28650	0.01061	0.01500	1	0.28650	0.01061	0.01500
Method Group 124.XX PCT			10	0.33307	0.06961	0.00722	10	0.33307	0.06961	0.00722
Glutamic, Post-col Ninhydrin Der	994.12	125.00	10	3.08512	0.13555	0.05443	10	3.08512	0.13555	0.05443
Glutamic, Pre-col AQC Der		125.05	1	2.97500	0.03536	0.05000	1	2.97500	0.03536	0.05000
Method Group 125.XX PCT			11	3.07510	0.13317	0.05403	11	3.07510	0.13317	0.05403
Glycine, Post-col Ninhydrin Der	994.12	126.00	10	0.71736	0.02191	0.01476	9	0.71704	0.02133	0.01059
Glycine, Pre-col AQC Der		126.05	1	0.75000	0.01414	0.02000	1	0.75000	0.01414	0.02000
Method Group 126.XX PCT			11	0.72033	0.02316	0.01524	10	0.72034	0.02282	0.01153
Histidine, Post-col Ninhydrin Der	994.12	127.00	9	0.43776	0.01736	0.01364	9	0.43776	0.01736	0.01364
Histidine, Pre-col AQC Der		127.05	1	0.44500	0.00707	0.01000	1	0.44500	0.00707	0.01000
Method Group 127.XX PCT			10	0.43848	0.01665	0.01328	10	0.43848	0.01665	0.01328
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	10	0.59616	0.03739	0.01502	9	0.59979	0.03643	0.01036
Isoleucine, Pre-col AQC Der		128.05	1	0.65000	0.01414	0.02000	1	0.65000	0.01414	0.02000
Method Group 128.XX PCT			11	0.60105	0.03905	0.01547	10	0.60481	0.03790	0.01132
Leucine, Post-col Ninhydrin Der	994.12	129.00	8	1.33993	0.05505	0.02216	8	1.33993	0.05505	0.02216
Leucine, Pre-col AQC Der		129.05	1	1.34000	0.02828	0.04000	1	1.34000	0.02828	0.04000
Method Group 129.XX PCT			9	1.33994	0.05217	0.02414	9	1.33994	0.05217	0.02414
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	10	0.76764	0.02273	0.01675	9	0.76853	0.02039	0.01059
L-Lysine, Pre-col AQC Der		130.05	1	0.77000	0.01414	0.02000	1	0.77000	0.01414	0.02000
Method Group 130.XX PCT			11	0.76786	0.02185	0.01705	10	0.76868	0.01956	0.01153
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	10	0.27204	0.03035	0.01330	10	0.27204	0.03035	0.01330
Methionine, PAO Pre-col AQC Der		131.05	1	0.19500	0.03536	0.05000	1	0.19500	0.03536	0.05000
Method Group 131.XX PCT			11	0.26504	0.03751	0.01664	11	0.26504	0.03751	0.01664
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	10	0.80124	0.01714	0.02050	10	0.80124	0.01714	0.02050
Phenylalanine, Pre-col AQC Der		132.05	1	0.80500	0.02121	0.03000	1	0.80500	0.02121	0.03000
Method Group 132.XX PCT			11	0.80158	0.01698	0.02136	11	0.80158	0.01698	0.02136
Proline, Post-col Ninhydrin Der	994.12	133.00	9	0.97699	0.04334	0.03793	9	0.97699	0.04334	0.03793
Proline, Pre-col AQC Der		133.05	1	1.03000	0.01414	0.02000	1	1.03000	0.01414	0.02000
Method Group 133.XX PCT			10	0.98229	0.04424	0.03614	10	0.98229	0.04424	0.03614
Serine, Post-col Ninhydrin Der	994.12	134.00	10	0.76421	0.04691	0.01954	9	0.76507	0.04808	0.01404
Serine, Pre-col AQC Der		134.05	1	0.82000	0.00000	0.00000	1	0.82000	0.00000	0.00000
Method Group 134.XX PCT			11	0.76928	0.04754	0.01776	10	0.77056	0.04852	0.01264
Threonine, Post-col Ninhydrin Der	994.12	135.00	10	0.59689	0.02952	0.01944	9	0.60004	0.02668	0.01349
Threonine, Pre-col AQC Der		135.05	1	0.61000	0.01414	0.02000	1	0.61000	0.01414	0.02000
Method Group 135.XX PCT			11	0.59808	0.02851	0.01949	10	0.60104	0.02563	0.01414
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	2	0.20745	0.01615	0.01050	2	0.20745	0.01615	0.01050
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	2	0.21920	0.01992	0.00180	2	0.21920	0.01992	0.00180
Tryptophan, Misc		136.99	1	0.19500	0.00707	0.01000	1	0.19500	0.00707	0.01000
Method Group 136.XX PCT			5	0.20966	0.01775	0.00692	5	0.20966	0.01775	0.00692

Method	AOAC 18th	Method Code	- Pass 1 Results for 194 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 194 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	6	0.56348	0.04321	0.01243	6	0.56348	0.04321	0.01243
Tyrosine, Pre-col AQC Der		137.05	1	0.40000	0.04243	0.06000	1	0.40000	0.04243	0.06000
Method Group 137.XX PCT			7	0.54013	0.07241	0.01923	7	0.54013	0.07241	0.01923
Valine, Post-col Ninhydrin Der	994.12	138.00	8	0.75706	0.01419	0.01064	8	0.75706	0.01419	0.01064
Valine, Pre-col AQC Der		138.05	1	0.80000	0.01414	0.02000	1	0.80000	0.01414	0.02000
Method Group 138.XX PCT			9	0.76183	0.01955	0.01168	9	0.76183	0.01955	0.01168
Aflatoxin, Neogen Vera-Tox		300.01	1	7.00000	1.41421	2.00000	1	7.00000	1.41421	2.00000

AAFCO - Feed Check Sample No. - 200730 Lamb Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 000.01	--
278	2.1000	.00
--	Method 000.99	--
265	1.4400	.71
--	Method 001.00	--
596	10.550 S	2.27
001	10.200	1.51
169	9.7750	.67
309	9.6100	.34
Avg	9.4425	
029	9.3000	-.37
027	8.9450	-1.00
509	8.8250	-1.23
720	6.4850 s	-5.91
--	Method 001.03	--
567	9.8000	.79
688	9.8000	.79
663	9.7300	.27
Avg	9.6950	
686	9.6850	-.20
731	9.4600	-1.77
--	Method 001.05	--
610	9.5500	.00
--	Method 001.07	--
142	10.100	2.09
049	9.8550 R	1.47
559	9.9250	1.46
004	9.9200	1.44
048	9.9100	1.40
035	9.8950	1.34
199	9.7700	.89
571	9.7700	.89
139	9.7650	.87
278	9.7400	.86
590	9.5500 R	.73
--	Method 001.07	--
599	9.7100	.67
616	9.6850	.59
098	9.5500	.55
083	9.6750	.55
366	9.6000	.45
171	9.6050	.33
413	9.5500	.20
550	9.5725	.18
Avg	9.5268	
679	9.5000	-.10
089	9.4500	-.28
187	9.4200	-.40
669	9.4050	-.45
045	9.3950	-.48
588	9.4000	-.48
074	9.3750	-.56
353	9.3650	-.70
640	9.3250	-.74
177	9.2850	-.88
689	9.3000	-.90
178	9.4500 R	-.95
581	9.2600	-.98
693	9.2500	-1.05
297	9.2050	-1.17
015	9.2200	-1.28
675	9.1150	-1.50
609	8.9000	-2.28
038	8.9300 R	-2.40
591	8.5800 s	-3.49
--	Method 001.99	--
305	10.990 s	5.24
665	10.535 S	3.62
536	10.020	1.83
505	9.8700	1.19
405	9.8150	.97
096	9.7000	.91
357	9.6250	.30
631	9.5750	.09
--	Method 001.99	--
Avg	9.5506	
619	9.5500	-.18
672	9.5350	-.21
656	9.4900	-.26
729	9.5200	-.31
630	9.4900	-.56
662	9.4800	-.67
615	9.3850	-.90
299	9.2641	-1.05
676	8.9400	-2.22
560	8.4650 s	-3.96
--	Method 002.00	--
015	18.610	1.03
199	18.435	.24
Avg	18.383	
679	18.105	-1.18
--	Method 002.01	--
666	19.515 s	7.61
652	18.500	2.26
712	18.425 R	1.95
710	18.250	.58
043	18.155	.05
Avg	18.147	
723	18.110	-.21
672	18.105	-.48
656	18.060	-.51
653	18.050	-.55
714	17.948	-1.11
--	Method 002.02	--
043	18.330	.91
297	18.320	.83
669	18.275	.73
152	18.250	.61
042	18.245	.59
048	18.140	.22
Avg	18.074	
--	Method 002.02	--
613	18.050	-.22
169	17.910	-.56
187	17.870	-.69
033	17.609 R	-1.73
036	17.352	-2.42
--	Method 002.03	--
265	18.900	1.07
Avg	18.365	
686	18.170	-.75
536	18.025	-.89
--	Method 002.04	--
509	18.930	1.29
591	18.665	.48
Avg	18.529	
405	18.320	-.71
596	18.200	-1.05
728	16.260 S	-7.25
--	Method 002.05	--
621	18.705	1.98
305	18.660	1.82
658	18.505	1.26
663	18.325	.69
039	18.295	.51
596	18.200	.17
354	18.155	.05
622	18.165	.04
Avg	18.154	
083	18.130	-.14
178	18.150	-.18
350	18.090	-.23
552	18.050	-.37
625	17.965 R	-.77
651	17.927	-.83
689	17.850	-1.10
620	17.834	-1.15
177	17.805	-1.25
--	Method 002.05	--
722	17.769	-1.38
--	Method 002.06	--
609	19.775 s	4.26
018	19.610 s	3.64
645	19.450 A	3.13
014	19.253	2.44
511	19.170	2.22
032	19.035	1.80
202	19.055	1.78
687	19.050	1.76
417	18.965	1.50
108	18.945	1.48
616	18.945	1.45
660	18.855 R	1.44
413	18.900	1.42
003	18.935	1.38
121	18.930	1.36
016	18.900	1.26
074	18.885	1.21
175	18.850	1.20
363	18.875	1.19
001	18.865	1.14
647	18.835	1.12
208	18.850	1.10
185	18.840	1.06
510	18.800	.98
619	18.800	.92
574	18.785	.92
002	18.780	.90
682	18.790	.89
407	18.785	.89
199	18.780	.86
670	18.750	.76
037	18.725	.70
590	18.650	.68
672	18.700	.68
508	18.672	.66
089	18.695	.57

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 002.06 --		--	Method 002.06 --		--	Method 002.06 --		--	Method 002.11 --		--	Method 003.00 --	
029	18.655	.51	042	18.415	-.42	720	17.905	-2.10	Avg	18.547		033	3.0200	-.48
009	18.555	.50	650	18.410	-.45	539	17.450 s	-3.62	672	18.520	-.07	017	2.9950	-.48
505	18.530	.47	599	18.450	-.47	164	13.825 s	-15.70	688	18.350	-.63	164	2.9600	-.66
726	18.660	.47	229	18.385	-.48				567	18.200	-.88	035	2.9350	-.84
119	18.545	.46	171	18.400	-.53	--	Method 002.07 --		631	18.210	-.90	353	2.8900	-1.21
610	18.650	.45	159	18.357	-.56	028	18.390	.71	731	18.040	-1.31	616	2.8650	-1.31
122	18.655	.44	205	18.380	-.57				724	17.800	-1.91	615	2.8300	-1.60
160	18.650	.43	168	18.345	-.60	--	Method 002.08 --		297	17.190 S	-3.47	026	2.7750	-1.96
098	18.600	.42	021	18.340	-.62	208	18.600	1.26	640	14.555 s	-10.18	509	2.5350 A	-3.56
358	18.635	.40	686	18.335	-.64	610	18.400	.59				142	2.5000 s	-3.85
520	18.630	.38	138	18.320	-.69	160	18.465	.50	--	Method 002.99 --				
529	18.630	.36	646	18.375	-.69	Avg	18.383		724	20.050 S	5.06	--	Method 003.06 --	
034	18.620	.34	615	18.355	-.70	563	18.245	-.82	643	19.405 S	3.09	621	3.6150 s	4.21
144	18.585	.32	512	18.340	-.79	062	18.206	-1.28	554	18.865	1.25	229	3.3000	2.46
559	18.565	.32	013	18.320	-.81				Avg	18.539		074	3.1450	1.61
051	18.610	.30	139	18.280	-.84	--	Method 002.09 --		725	18.385	-.60	688	3.1000	1.28
571	18.532	.14	550	18.260	-.88	047	18.660	.00	640	18.535	-.62	658	3.0850	1.19
589	18.530	.14	010	18.250	-.91				676	18.370	-1.09	689	3.0500	1.03
026	18.535	.12	011	18.255	-.95	--	Method 002.10 --					588	3.0500	1.01
033	18.560	.12	598	18.335 R	-.98	629	18.615	1.26	--	Method 003.00 --		294	2.9550	.55
035	18.540	.06	596	18.200	-1.08	628	18.540	1.03	726	3.3050	1.77	684	2.9350	.37
Avg	18.524		242	18.190	-1.13	675	18.435	.72	309	3.2200 R	1.76	640	2.8800	.34
278	18.500	-.08	630	18.170	-1.19	619	18.250	.50	179	3.2990	1.66	148	2.9300	.33
038	18.500	-.08	298	18.160	-1.22	688	18.250	.17	596	3.3000	1.66	122	2.9300	.31
100	18.500	-.09	036	18.150	-1.25	Avg	18.237		015	3.2250	1.16	Avg	2.8756	
309	18.493	-.15	148	18.145	-1.26	596	18.200	-.12	190	3.1850	.88	581	2.8650	-.15
354	18.480	-.15	294	18.130	-1.32	546	18.175	-.30	152	3.1500	.72	511	2.8450	-.19
065	18.480	-.18	674	18.485 R	-1.36	631	17.990	-.85	106	3.1600	.71	559	2.8600	-.24
106	18.465	-.20	226	18.100	-1.45	729	17.675	-2.06	265	3.1150	.59	613	2.7750	-.59
110	18.520	-.20	045	18.100	-1.45				175	3.1100	.55	669	2.7700	-.62
357	18.440	-.28	673	18.100	-1.45	--	Method 002.11 --		139	3.1100	.37	297	2.7750	-.65
573	18.515	-.29	019	18.081	-1.49	599	19.100	1.41	563	3.0700	.16	185	2.7900	-.67
366	18.450	-.30	096	18.110	-1.52	665	19.020	1.22	039	3.0677	.10	169	2.7500	-.72
027	18.510	-.34	263	18.064	-1.54	628	18.982	1.12	Avg	3.0569		731	2.7450	-.79
049	18.455	-.34	626	18.055	-1.57	588	18.825	.76	187	3.0450	-.25	199	2.7400	-.79
588	18.485	-.37	692	18.050	-1.59	690	18.800	.69	354	3.0100	-.38	552	2.6900	-1.06
353	18.440	-.39	693	18.025	-1.69	178	18.550	.38	048	3.0000	-.39	159	2.6800	-1.11
567	18.400	-.41	142	18.000	-1.75	553	18.610	.35	512	2.9910	-.45	682	2.6300	-1.40
017	18.400	-.42	004	17.945	-1.94	011	18.650	.29	032	3.0100	-.47	625	2.6150	-1.48

* 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	--
647	2.5100 R	-2.73
574	1.7800 s	-6.25
299	1.6357 s	-7.06
--	Method 003.09	--
722	3.6150 s	3.60
004	3.3750 R	2.74
121	3.3050	2.04
714	3.2980	1.93
723	3.1700	1.28
712	3.0350 R	1.20
651	3.1105	.97
226	3.1000	.92
630	3.0300	.61
656	2.9800	.47
510	3.0000	.41
002	2.9850	.34
673	2.9500	.30
508	2.9540	.23
038	2.9600	.21
358	2.9350	.19
505	2.9300	.16
620	2.9395	.10
354	2.9350	.08
Avg	2.9208	
350	2.9155	-.04
027	2.8750	-.27
633	2.8616	-.31
590	2.8850	-.38
674	2.8950	-.41
653	2.7550	-.86
263	2.7073	-1.09
675	2.6550	-1.39
013	2.6350	-1.46
001	2.5900	-1.69
098	2.5050	-2.17

Lab	Average*	Index
--	Method 003.10	--
520	3.2300 s	3.76
651	3.0055	2.23
672	2.9000	1.66
178	2.8500	1.22
042	2.8350	1.09
693	2.7300	.65
366	2.7500	.60
599	2.7400	.55
119	2.7550	.54
062	2.7495	.52
034	2.7450	.49
202	2.7000	.37
045	2.7200	.30
298	2.7100	.23
208	2.6950	.13
100	2.6950	.13
242	2.6900	.09
Avg	2.6772	
728	2.6750	-.10
629	2.6600	-.18
160	2.6200	-.41
098	2.6050	-.50
596	2.6000	-.52
089	2.5500	-.86
363	2.5500	-.86
051	2.6750 R	-1.12
679	2.4900	-1.28
619	2.4850	-1.40
598	2.4000	-1.91
609	2.3800	-2.09
591	2.2450 s	-2.98
--	Method 003.11	--
553	3.1800	2.42
665	2.8750	.90
297	2.8550	.79
724	2.8200	.64
628	2.7990	.54
011	2.8000	.52

Lab	Average*	Index
--	Method 003.11	--
178	2.7000	.50
690	2.7000	.02
Avg	2.6965	
731	2.6750	-.13
672	2.6450	-.29
631	2.6200	-.38
567	2.6100	-.44
599	2.5500	-.77
688	2.5500	-.77
588	2.4400	-1.32
640	2.3250	-1.90
--	Method 003.12	--
357	2.9000	1.49
628	2.8950	.68
670	2.8950	.68
Avg	2.8863	
171	2.8550	-.59
--	Method 003.13	--
205	2.8615	.67
028	2.8300	.53
646	2.8100	.37
Avg	2.7416	
660	2.4650	-1.62
--	Method 003.14	--
413	2.9500	1.57
110	2.8900	1.26
185	2.8800	1.17
019	2.8000	.69
567	2.7000	.58
550	2.7200	.41
407	2.6850	.03
Avg	2.6823	
144	2.6350	-.29
021	2.6250	-.54
686	2.5500	-.76
529	2.5550	-.78

Lab	Average*	Index
--	Method 003.14	--
175	2.5300	-.88
049	2.5650 R	-1.21
278	2.3500	-1.94
--	Method 003.99	--
676	3.5200	1.17
417	3.4800	1.06
724	3.4200	.94
631	3.2300	.60
Avg	3.0725	
710	2.8150	-.67
536	2.7700	-.85
554	2.7950	-.85
047	2.5500	-1.37
546	1.8300 S	-3.24
--	Method 004.00	--
164	26.000 s	47.32
511	6.6500	1.54
647	6.5600	1.32
208	6.5100	1.28
015	6.4000	.97
509	6.4050	.96
265	6.3400	.88
559	6.3450	.82
159	6.3445	.81
179	6.3250	.77
596	6.3000	.71
309	6.2500	.61
354	6.2400	.57
199	6.1250	.30
171	6.0450	.27
563	6.0650	.16
190	6.0150	.09
175	6.0050	.04
Avg	6.0014	
169	5.8800	-.29
226	5.9500	-.38
726	5.8400	-.45

Lab	Average*	Index
--	Method 004.00	--
298	5.7800	-.52
510	5.8000	-.53
666	5.6300	-.88
034	5.6200	-.90
042	5.5050	-1.20
039	5.4552	-1.29
035	5.4550	-1.30
048	5.1850	-1.95
353	5.0150	-2.37
--	Method 004.01	--
366	7.3500	.85
Avg	7.0250	
693	6.7000	-.88
--	Method 004.03	--
045	6.2750	.98
619	6.1950	.83
Avg	6.1617	
679	6.0150	-.92
--	Method 004.06	--
552	7.0100	1.98
613	6.9550	1.84
625	6.7800	1.36
178	6.7000	1.26
675	6.6150	.93
029	6.5900	.84
609	6.5250	.76
673	6.5000	.59
723	6.4950	.58
670	6.4200	.52
728	6.4450	.45
672	6.4000	.42
205	6.4050	.34
354	6.4000	.32
027	6.3100	.21
Avg	6.2817	
722	6.2700	-.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. - 200730 Lamb Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 004.06 --	
689	6.2500	-.16
621	6.2250	-.17
350	6.1945	-.26
588	6.1950	-.27
620	6.1933	-.38
674	6.1650	-.39
599	6.1150	-.46
590	6.1300	-.64
656	5.9800	-.83
098	6.2250 R	-.85
688	5.8500	-1.25
610	5.8500	-1.25
653	5.8200	-1.26
731	5.8100	-1.30
591	5.6250	-1.84
598	5.5100	-2.10
710	5.4200 s	-3.58
--	Method 004.07 --	
003	6.5750 R	2.15
294	6.6000	1.86
185	6.5350	1.70
407	6.5050	1.63
121	6.4850	1.59
643	6.4000	1.37
042	6.3800	1.32
242	6.3450	1.24
160	6.1550	.78
708	6.1200	.70
028	6.1000	.65
686	5.9900	.60
100	6.0550	.54
033	6.0200	.46
505	6.0000	.45
581	5.8300	.43
229	6.0000	.42
567	5.9500	.31
089	5.9050	.19
Avg	5.8296	

Lab	Average*	Index
--	Method 004.07 --	
631	5.8050	-.17
529	5.8150	-.18
144	5.7350	-.25
520	5.7450	-.31
646	5.6950	-.33
004	5.6300	-.48
098	5.6300	-.52
682	5.6000	-.55
013	5.5800	-.60
026	5.5050	-.78
032	5.4950	-.81
096	5.5000	-.83
021	5.4650	-.88
278	5.4500	-.92
413	5.4500	-.92
110	5.3600	-1.13
011	5.3250	-1.21
074	5.1950	-1.54
019	5.1600	-1.65
202	5.0100	-2.00
--	Method 004.11 --	
640	6.9850 R	1.77
599	6.8500	1.25
178	6.8000	1.13
672	6.7050	.95
665	6.5600	.70
631	6.4800	.54
688	6.4000	.42
628	6.3330	.35
724	6.2950	.23
Avg	6.1966	
011	6.1000	-.18
690	6.1500	-.48
588	5.8400	-.67
731	5.7500	-.93
567	5.5500	-1.21
553	4.9400	-2.36

Lab	Average*	Index
--	Method 004.99 --	
626	6.0200	.97
629	6.0000	.95
724	5.9300	.76
536	5.7000	.73
Avg	5.6743	
628	5.4600	-.60
640	5.2600	-1.19
554	5.3500	-1.33
--	Method 005.00 --	
164	7.7000 s	9.92
613	7.6550 s	9.68
548	6.4400 s	6.71
353	6.5700 s	3.71
619	6.4400 A	3.01
630	6.3150 R	2.49
159	6.3445	2.44
190	6.2500	1.93
098	6.1400 R	1.71
726	6.2050	1.68
669	6.2050	1.67
666	6.1900	1.59
720	6.1700	1.48
407	6.1600	1.43
672	6.1500	1.39
723	6.1490	1.37
588	6.1500	1.36
520	5.9300 R	1.33
045	6.1000	1.14
679	6.1050	1.12
062	6.0965	1.07
629	6.0950	1.06
510	6.0900	1.04
038	6.0400 R	1.04
616	6.0800	.98
731	6.0700	.93
591	6.0600	.87
599	6.0600	.87
550	6.0550	.84

Lab	Average*	Index
--	Method 005.00 --	
674	6.0500	.81
529	6.0000	.77
656	6.0350	.74
675	6.0350	.73
100	6.0300	.71
350	6.0290	.69
004	6.0200	.65
670	6.0000	.60
185	6.0100	.60
229	6.0000	.54
688	6.0000	.53
590	6.0000	.53
366	6.0000	.53
357	6.0000	.53
413	6.0000	.53
633	5.9929	.50
029	5.9900	.49
651	5.9890	.49
682	5.9900	.48
148	5.9850	.45
363	5.9800	.42
552	5.9650	.42
160	5.9700	.38
653	5.9550	.38
660	5.9650	.37
622	5.9679	.37
242	5.9550	.32
305	5.9500	.31
108	5.9550	.30
294	5.9550	.29
278	5.9500	.28
643	5.9100	.28
171	5.9250	.28
646	5.9400	.26
625	5.9200	.24
722	5.9445	.23
712	5.9250	.23
559	5.9300	.18
729	5.9300	.18

Lab	Average*	Index
--	Method 005.00 --	
631	5.9300	.18
647	5.9200	.14
621	5.9250	.12
686	5.9100	.07
035	5.9050	.03
Avg	5.9032	
505	5.8850	-.13
152	5.8900	-.13
298	5.8800	-.14
354	5.8750	-.16
689	5.9000	-.17
563	5.8750	-.18
089	5.8700	-.18
021	5.8750	-.21
187	5.8800	-.26
623	5.8566	-.26
710	5.8600	-.26
034	5.8450	-.32
609	5.8500	-.37
226	5.8500	-.40
539	5.8500	-.40
001	5.8600 X	-.41
199	5.8200	-.47
144	5.8400	-.48
567	5.9000	-.55
178	5.9000	-.55
645	5.8000	-.57
205	5.7980	-.59
202	5.8050	-.65
048	5.8150	-.68
139	5.7750	-.71
138	5.7750	-.72
299	5.7799	-.78
121	5.7550	-.82
083	5.7500	-.89
658	5.7350	-.93
265	5.8050 R	-.97
640	5.9000 R	-1.10
119	5.6950	-1.15

* 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. - 200730 Lamb Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 005.00	--
142	5.8000 R	-1.24
684	5.6800	-1.28
027	5.6700	-1.29
110	5.6700	-1.30
598	5.6650	-1.32
051	5.6600	-1.35
358	5.6600	-1.36
179	5.6365	-1.48
033	5.6350	-1.48
175	5.6350	-1.49
015	5.6250	-1.59
596	5.6000	-1.67
650	5.5900	-1.73
049	5.5750	-1.83
169	5.5400	-2.01
309	5.5135	-2.15
297	5.5000	-2.23
615	5.4200	-2.67
019	5.4200	-2.68
417	5.3900 s	-3.20
620	4.4400 s	-11.73
--	Method 005.02	--
610	6.0300	.71
--	Method 005.11	--
297	8.7900 s	4.83
688	7.0000 S	1.49
672	6.8200 S	1.21
724	6.7900 S	1.10
599	6.6000	.77
631	6.5700	.69
690	6.4500	.54
Avg	6.0005	
588	6.0500	-.33
640	5.9250	-.62
731	6.0300	-.69
665	5.6650	-1.05
628	5.6225	-1.08
--	Method 005.11	--
573	5.5923	-1.14
178	5.5000	-1.31
--	Method 005.99	--
673	6.4000	1.83
536	6.1400	.73
652	6.1000	.70
628	6.1150	.61
574	6.0600	.54
096	6.0500	.40
728	6.0250	.39
208	6.0500	.34
Avg	5.9712	
725	5.9100	-.26
663	5.8800	-.49
724	5.7450	-.99
122	5.5850	-1.65
676	5.5650	-1.74
--	Method 006.05	--
710	4.6300	.71
--	Method 008.02	--
675	8.6100	1.82
613	8.5050	1.57
187	8.3150	1.09
148	8.2200	.86
038	8.0800 R	.79
226	8.1500	.70
728	7.9300 R	.60
179	8.0365	.42
619	7.8700	.19
726	7.8800	.05
Avg	7.8619	
035	7.7900	-.17
045	7.7350	-.31
684	7.8100	-.31
309	7.7300	-.32
405	7.6800	-.49
--	Method 008.02	--
171	7.5400	-.78
098	7.4450	-1.00
354	7.3350	-1.27
590	7.0000	-2.08
353	6.0800 s	-4.28
--	Method 008.05	--
265	8.2000	.71
--	Method 008.08	--
653	15.345 s	11.76
299	13.821 s	9.39
001	9.3400 X	2.39
202	7.9150 R	1.27
179	8.4650	1.03
669	8.3850	.93
646	8.3050	.81
294	8.2850	.75
357	8.1500	.66
049	8.1450	.56
510	8.1500	.54
674	8.1300	.53
581	7.9800	.41
278	7.8500	.40
529	7.8250	.05
Avg	7.8062	
033	7.7800	-.06
185	7.3650	-.69
160	7.2600	-.85
026	7.2600	-.85
413	7.1500	-1.03
693	7.2100	-1.04
037	7.2250	-1.09
004	6.9750	-1.30
686	6.6950	-1.73
--	Method 008.99	--
164	30.800 s	51.14
656	8.8050	1.54
Avg	8.1213	
358	8.0500	-.30
297	7.9000	-.51
725	7.7300	-.88
610	6.6000 R	-3.69
--	Method 009.04	--
726	19.220	.71
--	Method 009.07	--
164	46.350 s	20.63
613	19.465	2.11
656	19.385	2.05
297	17.320	.64
226	16.900	.34
693	16.800	.27
045	16.625	.22
684	16.650	.17
590	16.450	.11
675	16.455	.10
Avg	16.410	
187	16.040	-.26
663	15.775	-.44
354	15.635	-.55
309	15.100	-.90
098	15.000	-.97
038	14.995	-.99
353	13.960	-1.69
--	Method 009.09	--
299	30.339 s	11.47
674	19.175	2.38
646	18.550	1.90
510	17.300	.86
294	17.175	.76
669	17.120	.72
529	16.535	.47
--	Method 009.09	--
Avg	16.244	
357	16.000	-.21
160	15.785	-.37
265	15.700	-.44
413	15.600	-.53
581	15.605	-.54
037	15.555	-.56
202	15.395	-.69
049	15.405	-.78
686	15.245	-.81
278	15.200	-.85
185	14.805	-1.19
653	6.7350 s	-7.72
--	Method 009.99	--
619	28.950 S	13.03
728	17.365	1.11
673	17.500	.93
610	16.850	.63
Avg	16.625	
643	15.840	-.87
725	15.570	-1.12
--	Method 010.03	--
Avg	9.0850	
027	9.0850	-.71
546	6.7500 S	-25.46
--	Method 010.11	--
724	10.510	1.27
567	10.430	.98
672	10.405	.84
628	10.367	.66
631	10.310	.45
690	10.300	.38
Avg	10.212	
688	10.200	-.05
599	10.050	-.72
640	10.210	-.85

* 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 010.11	--
178	10.000	-1.00
731	9.9450	-1.19
588	9.8150	-1.94
--	Method 010.99	--
714	10.412	1.42
726	10.145	.96
666	10.135	.94
725	9.7750 R	.71
652	9.8000	.37
724	9.7750	.34
037	9.6500	.23
168	9.6800	.16
Avg	9.5876	
417	9.5050	-.15
673	9.5000	-.15
190	9.4400	-.29
613	8.7000	-1.53
628	8.3100	-2.20
712	7.8200 S	-3.07
--	Method 011.01	--
363	11.985 A	3.36
108	11.405	2.08
185	11.250	1.74
160	11.195	1.59
205	11.110	1.40
242	11.095	1.36
100	11.035	1.24
723	10.976	1.10
021	10.965	1.08
645	10.950	1.05
728	10.915 R	1.04
110	10.915	.97
122	10.905	.94
144	10.900	.93
121	10.885	.89
722	10.879	.89
559	10.840	.81

Lab	Average*	Index
--	Method 011.01	--
138	10.825	.76
033	10.820	.76
563	10.820	.75
098	10.700 R	.66
646	10.760	.65
026	10.755	.61
051	10.715	.52
573	10.711	.51
298	10.710	.50
647	10.585 R	.49
309	10.640	.42
510	10.650	.39
539	10.655	.38
670	10.635	.34
620	10.619	.30
520	10.560	.30
119	10.600	.27
354	10.595	.25
350	10.596	.25
148	10.595	.25
159	10.590	.23
643	10.500	.23
623	10.560	.19
175	10.550	.18
682	10.520	.08
208	10.500	.03
Avg	10.485	
171	10.450	-.08
358	10.475	-.10
653	10.480	-.11
651	10.419	-.22
548	10.390	-.29
062	10.320	-.41
229	10.275	-.47
621	10.265	-.49
658	10.215	-.61
674	10.290 R	-.63
152	10.200	-.64
179	10.203	-.66

Lab	Average*	Index
--	Method 011.01	--
675	10.190	-.66
650	10.205	-.68
622	10.167	-.71
625	10.295 R	-.77
710	10.095	-.87
660	10.105 R	-.96
294	10.050	-.98
596	10.000	-1.09
226	10.000	-1.11
598	9.9800	-1.13
574	9.9750	-1.14
552	9.9350	-1.23
014	9.9150	-1.28
202	9.8550	-1.41
633	9.6851	-1.79
034	9.6050	-1.97
529	9.5200	-2.17
591	9.4900	-2.23
407	9.3650	-2.51
164	7.6900 s	-6.25
--	Method 011.99	--
511	10.410	.84
265	10.365	.74
Avg	9.9912	
684	9.8600	-.69
728	9.3300	-1.33
--	Method 012.00	--
548	38.235	.71
559	38.200	.68
567	37.750	.44
354	37.750	.36
672	37.700	.32
Avg	37.262	
689	37.000	-.41
178	34.200	-2.22
673	28.300 s	-6.50

Lab	Average*	Index
--	Method 012.01	--
185	35.005	.97
676	34.990	.71
Avg	34.656	
686	34.620	-.38
179	34.010	-1.38
--	Method 012.02	--
202	35.520	.83
Avg	34.835	
159	34.150	-.90
--	Method 012.03	--
098	37.100	.67
297	36.620	.42
Avg	36.358	
684	35.355	-1.37
--	Method 012.04	--
051	41.350	1.94
160	35.905	.07
Avg	35.705	
278	35.250	-.16
038	35.560	-.25
353	33.215	-.86
510	32.950	-.95
--	Method 012.11	--
588	36.465	.99
Avg	36.045	
672	35.625	-.72
--	Method 012.99	--
619	49.300 S	.00
--	Method 013.02	--
643	4.3850	1.36
100	4.3100	1.12
675	4.3100	1.10
171	4.2450	.88

Lab	Average*	Index
--	Method 013.02	--
581	4.1400 R	.67
548	4.1650	.58
650	4.1250	.44
051	4.0500	.33
003	4.0950	.33
164	4.0850	.31
Avg	4.0033	
033	3.9150	-.32
065	3.9150	-.34
229	4.0000 R	-.57
616	3.7800	-.83
026	3.6000	-1.44
354	3.5450	-1.64
208	3.5250	-1.71
--	Method 013.10	--
591	4.2800	2.00
656	4.0400	1.30
185	4.0350	1.29
660	3.9200	.95
652	3.8500	.76
353	3.7300	.49
177	3.6550	.22
Avg	3.5950	
160	3.5650	-.10
096	3.5850	-.25
672	3.4500	-.45
539	3.4100	-.57
714	3.4200	-.71
688	3.3500	-.73
610	3.3000	-.86
673	3.3000	-.91
663	3.2250	-1.10
666	3.0000	-1.73
--	Method 013.12	--
672	2.9150	.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. - 200730 Lamb Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 013.99	--
628	5.1450	.87
Avg	4.2475	
689	3.3500	-.87
--	Method 015.00	--
520	116.00	1.61
353	111.45	1.24
154	109.00	.98
045	101.50	.26
164	101.00	.16
Avg	99.303	
011	97.594	-.25
169	91.450	-.76
510	90.490	-.85
021	90.450	-.85
560	84.100	-1.50
616	86.450 R	-1.51
--	Method 016.00	--
619	0.0540	.00
--	Method 016.02	--
567	0.0100	.00
--	Method 017.00	--
560	12.600	1.87
154	11.100	.42
Avg	10.632	
353	10.530	-.24
045	10.350	-.25
510	9.6100	-.91
693	9.6000	-.93
--	Method 018.02	--
021	0.4150	1.62
Avg	0.1769	
154	0.1050	-.48
567	0.1050	-.49
011	0.0827	-.63

Lab	Average*	Index
--	Method 019.00	--
623	1.1669 S	1.91
647	1.1250	1.47
599	1.0800	1.01
043	1.0000 R	.55
679	1.0200	.40
Avg	0.9634	
552	0.9600	-.21
689	0.9750	-.26
175	0.9500	-.31
620	0.9317	-.51
625	0.9250	-.62
651	0.9045	-.77
622	0.8964	-.85
621	0.8300	-1.53
--	Method 019.01	--
108	1.1800 s	4.73
529	1.1800 s	4.73
720	1.1550 s	4.05
018	1.1000	2.73
035	1.0900	2.49
013	1.0500	1.60
010	1.0400	1.37
278	1.0350	1.18
152	1.0250	.94
722	1.0165	.73
350	1.0158	.72
026	1.0150	.70
674	1.0150	.70
014	1.0080	.62
098	1.0000	.58
675	1.0100	.57
205	0.9915	.46
508	0.9934	.44
178	0.9950	.42
612	1.0000	.41
650	1.0000	.34
670	1.0000	.34
208	0.9990	.32

Lab	Average*	Index
--	Method 019.01	--
588	0.9915	.13
139	0.9915	.13
034	0.9900	.10
036	0.9895	.09
263	0.9861	.06
Avg	0.9859	
619	0.9855	-.11
563	0.9817	-.12
169	0.9800	-.14
656	0.9800	-.14
687	0.9750	-.29
019	0.9700	-.38
039	0.9689	-.41
038	0.9695	-.44
669	0.9690	-.46
653	0.9720	-.47
001	0.9655	-.49
658	0.9650	-.51
620	0.9611	-.60
122	0.9550	-.75
004	0.9485	-.91
609	0.9450	-.98
354	0.9450	-.98
631	0.9450 R	-1.14
731	0.9300	-1.33
710	0.9200	-1.59
505	0.9150	-1.70
305	0.8950	-2.17
363	0.8950	-2.17
065	0.8435 s	-3.41
142	0.8100 s	-4.20
--	Method 019.03	--
613	1.1200	1.58
043	1.0250	.33
686	1.0250	.33
033	1.0100	.05
Avg	1.0067	
036	1.0020	-.07

Lab	Average*	Index
--	Method 019.03	--
026	0.9950	-.18
048	0.8700	-1.93
--	Method 019.05	--
613	1.1200	2.92
159	1.0820	2.16
029	1.0545	1.57
294	1.0500	1.48
089	1.0305	1.06
003	0.9800 R	.83
242	1.0150	.74
100	1.0100	.66
049	1.0050	.61
405	1.0000	.59
074	1.0000	.42
413	1.0000	.42
510	1.0000	.42
187	1.0000	.42
148	0.9950	.32
144	0.9880	.24
407	0.9900	.22
297	0.9900	.22
550	0.9845	.17
512	0.9872	.16
164	0.9850	.15
185	0.9840	.12
Avg	0.9797	
011	0.9704	-.19
560	0.9790	-.23
171	0.9650	-.32
298	0.9600	-.46
229	0.9550	-.52
598	0.9550	-.52
168	0.9545	-.56
610	0.9480	-.68
208	0.9460	-.72
226	0.9450	-.73
026	0.9415	-.81
358	0.9400	-.92

Lab	Average*	Index
--	Method 019.05	--
083	0.9350	-.94
553	0.9255	-1.13
520	0.9200	-1.24
265	0.9150	-1.35
051	0.9150 R	-1.53
682	0.9000	-1.66
645	0.8814	-2.05
548	0.8482 s	-2.82
--	Method 019.08	--
689	1.2150 S	3.81
729	1.0850	1.01
628	1.0650	.62
Avg	1.0412	
673	1.0300	-.33
723	1.0305	-.43
138	1.0065	-.82
590	1.0300	-1.77
--	Method 019.09	--
035	1.1500 s	2.89
190	1.0950	1.96
028	1.1000	1.88
047	1.0675 R	1.61
042	1.0600	1.38
154	1.0526	1.12
202	1.0450	.93
693	0.9985	.87
668	1.0350	.87
160	1.0264	.60
366	1.0200	.60
572	1.0250	.58
037	1.0050	.49
032	1.0100	.36
199	1.0087	.34
726	1.0000	.22
027	0.9980	.15
017	0.9950	.10
Avg	0.9920	

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 019.09	--
045	0.9900	-.16
353	0.9750	-.31
567	0.9700	-.42
021	0.9673	-.43
096	0.9750	-.53
357	0.9550	-.65
628	0.9500	-.75
009	0.9600	-.89
616	0.9410	-.90
309	0.9300	-1.12
110	0.9155	-1.34
106	0.8980	-1.64
038	0.8680	-2.20
--	Method 019.99	--
725	1.0600	1.46
588	1.0500	1.33
Avg	0.9523	
629	0.9500	-.03
121	0.9410	-.25
692	0.9050	-.67
724	0.9000	-.71
665	0.8600	-1.26
--	Method 020.00	--
722	3.8040	.85
Avg	3.2770	
164	2.7500	-.88
--	Method 020.01	--
045	3.2000	1.55
021	2.9500 R	1.39
096	3.0000	1.11
567	2.7050	.48
510	2.6100	.29
Avg	2.4772	
011	2.3398	-.29
154	2.4500	-.32
171	2.3000	-.57
--	Method 020.01	--
560	1.9300	-1.16
668	1.7600	-1.64
--	Method 020.99	--
616	11.350 S	9.23
675	3.9700	.86
Avg	3.2125	
553	2.4550	-.87
--	Method 021.01	--
722	3.0000 S	3.59
619	1.9450	1.28
Avg	1.3650	
164	1.1500	-.48
689	1.0000	-.80
--	Method 021.02	--
510	1.5550	2.26
021	1.3000	1.23
029	1.2550	.96
567	1.1750 R	.94
616	1.1900	.76
613	1.1150	.36
011	1.0960	.27
Avg	1.0338	
038	1.0100	-.17
106	0.9800	-.27
171	0.9000	-.58
169	0.8800	-.68
045	0.8280	-.89
572	0.8265	-.90
560	0.7980	-1.02
154	0.7400	-1.27
--	Method 021.99	--
673	2.0000	1.02
721	1.5300	.20
Avg	1.4410	
610	0.7930	-1.19
--	Method 022.01	--
689	19.500 s	9.08
620	16.750 s	6.68
175	12.000 S	2.84
038	12.500	2.66
656	12.150 R	2.45
675	11.430	1.63
653	11.322	1.53
098	10.500	.90
563	10.290	.63
720	9.7100	.35
354	9.9000	.32
619	9.8400	.22
208	9.8500	.18
529	9.6900	.03
Avg	9.6611	
350	9.4000	-.24
278	9.2500	-.38
646	9.2000	-.45
178	9.5000	-.48
731	9.5000	-.48
710	9.5000	-.48
305	9.0850	-.53
588	9.0000	-.61
014	9.0000	-.61
508	8.9690	-.64
590	8.9600	-.82
722	8.3100	-1.25
035	7.5000	-2.04
--	Method 022.03	--
265	26.500 s	12.49
144	12.200	2.42
598	12.000	2.38
159	11.855	2.18
413	10.270	1.08
208	9.5500	.86
226	9.5000	.62
171	9.4000	.46
029	9.1600	.27
560	9.1600	.27
083	9.0000	.15
074	9.0000	.15
613	8.8350	.07
Avg	8.7805	
164	8.5500	-.17
553	8.3100	-.33
148	8.2500	-.38
229	8.5000	-.40
011	8.2400	-.49
610	8.0500	-.53
100	8.0000	-.55
510	8.0000	-.55
242	8.0000	-.55
185	8.0000	-.55
187	7.6400	-.80
407	7.4950	-.91
049	7.5000	-.91
550	8.6000 R	-1.00
026	7.2500	-1.08
405	7.1000	-1.19
358	7.0400	-1.24
548	7.1544 R	-1.75
520	7.5000 R	-1.98
297	5.0000 S	-2.76
--	Method 022.05	--
202	12.500 A	3.30
294	11.350	2.16
190	10.870	1.71
017	10.500	1.42
366	10.500	1.42
154	10.150	1.23
042	10.140	1.05
160	9.6500	.63
726	9.5600	.44
616	9.3600	.38
199	9.1550	.08
Avg	9.1069	
357	9.0000	-.10
021	8.9000	-.22
572	8.7450	-.40
309	9.1050	-.55
045	8.5000	-.59
169	8.4600	-.63
693	8.5500	-.63
027	9.0150	-.73
035	8.5000	-.76
096	8.5000	-.76
628	8.5000	-.76
353	8.3350	-.78
038	8.3000	-.83
567	9.0000	-.97
668	7.9700	-1.13
037	7.8200	-1.25
106	7.4500	-1.59
--	Method 022.99	--
721	9.4700	.98
725	9.5500	.97
Avg	8.8050	
692	8.2000	-.78
673	8.0000	-.99
--	Method 023.01	--
619	0.0030	.00
--	Method 025.01	--
619	468.50 s	9.16
175	318.00 S	2.56
675	301.30	1.70
354	296.70	1.49
656	293.19	1.34
720	283.55	.98
731	282.00	.85
350	276.40	.59
098	269.00 R	.55
508	271.31	.52

* 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 025.01	--
004	270.50	.33
646	267.00	.32
670	270.00	.31
208	268.00	.24
505	266.50	.22
669	265.11	.11
278	263.50	.03
Avg	263.03	
689	262.50	-.07
038	261.50	-.07
014	257.00	-.35
013	255.00	-.36
529	257.50	-.38
563	252.72	-.47
588	234.00	-1.29
305	227.56	-1.57
710	218.50	-1.97
035	211.50	-2.28
674	185.00 s	-3.82
--	Method 025.03	--
265	299.00 s	3.16
405	294.50	2.31
029	274.90	1.22
074	273.50	1.15
164	270.00	1.10
100	272.00	1.06
159	270.50	1.00
520	270.00	.98
510	268.50	.88
553	264.50	.68
242	263.50	.60
049	262.35	.55
598	261.00	.47
512	258.90	.39
413	257.00	.37
297	256.00	.33
148	257.50	.28
011	254.27	.11

Lab	Average*	Index
--	Method 025.03	--
Avg	252.45	
229	249.00	-.19
208	248.50	-.33
610	247.00	-.34
550	248.55	-.35
026	246.00	-.35
187	243.17	-.50
083	239.00	-.74
613	237.00	-.84
226	235.00	-.95
548	234.28	-1.03
144	228.40	-1.31
407	228.00	-1.33
560	228.00	-1.43
003	219.00	-1.84
171	218.50	-1.88
--	Method 025.05	--
042	291.00	2.06
366	278.00	1.39
017	270.00	1.05
021	269.00	.90
045	266.50	.79
154	265.00	.70
693	264.00	.67
294	263.65	.63
199	257.70	.32
037	254.15	.14
628	252.00	.06
Avg	251.54	
096	250.00	-.08
567	248.00	-.18
160	248.75	-.27
726	244.29	-.41
169	243.00	-.44
353	240.00	-.66
106	233.50	-.93
668	234.00	-1.06
616	230.50	-1.08

Lab	Average*	Index
--	Method 025.05	--
190	219.40	-1.65
309	211.40	-2.13
--	Method 025.99	--
673	332.50 S	2.45
725	283.30	.82
121	272.51	.52
Avg	259.44	
692	222.50	-1.25
--	Method 026.00	--
567	0.0100	.00
--	Method 026.99	--
619	0.0000	.00
--	Method 027.01	--
563	0.2727	1.96
139	0.2607	1.28
609	0.2600	1.24
263	0.2596	1.22
278	0.2550	1.00
731	0.2500	.67
720	0.2400 R	.58
646	0.2450	.48
656	0.2450	.48
098	0.2450	.48
035	0.2450	.48
350	0.2414	.18
208	0.2405	.16
038	0.2405	.16
305	0.2400	.11
014	0.2390	.08
Avg	0.2381	
722	0.2380	-.06
650	0.2348	-.29
619	0.2320	-.38
675	0.2300	-.46
529	0.2200	-1.02

Lab	Average*	Index
--	Method 027.01	--
588	0.2180	-1.14
169	0.2150	-1.34
175	0.2150	-1.34
710	0.2100	-1.59
142	0.2000	-2.15
--	Method 027.03	--
003	0.2750 s	3.74
294	0.2600	2.21
049	0.2550	1.78
208	0.2495	1.21
413	0.2500	1.21
011	0.2474	.94
405	0.2450	.87
074	0.2450	.87
510	0.2450	.87
159	0.2440	.64
187	0.2441	.62
026	0.2430	.55
610	0.2430	.52
029	0.2425	.48
148	0.2425	.46
100	0.2400	.21
297	0.2400	.21
598	0.2400	.21
164	0.2400	.21
Avg	0.2379	
171	0.2360	-.21
560	0.2340	-.40
185	0.2346	-.45
553	0.2335	-.50
358	0.2350	-.58
226	0.2350	-.58
613	0.2350	-.58
265	0.2350	-.58
229	0.2300	-.79
242	0.2300	-.79
083	0.2300	-.79
144	0.2280	-1.11

Lab	Average*	Index
--	Method 027.03	--
550	0.2260	-1.20
520	0.2250	-1.38
051	0.2250	-1.38
548	0.2252	-1.39
407	0.2130	-2.48
--	Method 027.05	--
190	0.2700 S	2.38
042	0.2655	1.97
035	0.2650	1.92
160	0.2582	1.39
154	0.2530	1.05
037	0.2500	.77
309	0.2499	.77
616	0.2495	.74
366	0.2450	.55
357	0.2450	.55
726	0.2450	.55
199	0.2422	.19
017	0.2400	.03
353	0.2400	.03
009	0.2400	.03
Avg	0.2396	
038	0.2390	-.09
021	0.2356	-.34
668	0.2375	-.58
572	0.2315	-.60
202	0.2300	-.71
693	0.2295	-.75
045	0.2275	-.90
628	0.2249	-1.10
567	0.2250	-1.14
096	0.2250	-1.14
106	0.2240	-1.16
110	0.2115	-2.09

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 027.99 --	
725	0.2600	.96
018	0.2450	.26
Avg	0.2400	
692	0.2150	-1.23
673	0.1700 S	-3.37
--	Method 028.01 --	
720	131.04	1.25
035	131.00	1.25
505	130.50	1.14
208	130.50	1.14
175	129.00	1.03
731	128.00	.97
529	127.50	.95
014	127.50	.81
656	123.03	.65
098	125.50	.63
669	125.36	.57
278	125.00	.56
508	125.28	.54
675	124.56	.50
013	123.00	.44
674	121.00	.35
038	122.50	.28
590	120.87	.26
563	122.40	.21
619	121.00	.12
Avg	120.62	
689	118.50	-.38
178	116.50	-.48
710	115.00	-.66
350	112.20	-.97
354	111.45	-1.07
004	110.50	-1.17
722	108.13	-1.46
588	106.50	-1.64
305	103.26	-2.00
620	101.94	-2.15

Lab	Average*	Index
--	Method 028.03 --	
405	145.50 s	4.54
003	138.50 A	3.28
297	131.50	2.10
148	127.00	1.21
229	127.00	1.21
560	126.50	1.11
164	124.50	.80
242	124.50	.76
100	124.50	.76
049	123.96	.70
074	124.00	.66
185	123.50	.63
510	123.00	.60
413	123.00	.60
029	122.60	.42
598	121.00	.38
083	120.50	.27
208	121.50	.24
Avg	120.28	
187	119.08	-.21
011	119.99	-.28
159	118.50	-.33
171	118.50	-.41
520	118.00	-.44
610	118.50	-.55
026	117.00	-.61
553	115.00	-.96
265	119.50 R	-.99
613	114.50	-1.03
548	115.35	-1.09
550	115.75	-1.14
144	111.10	-1.72
407	110.50	-1.76
226	108.00	-2.20
168	102.50 s	-3.29

Lab	Average*	Index
--	Method 028.05 --	
190	159.64 s	4.56
294	140.90	1.96
160	138.10	1.58
017	136.50	1.42
572	134.50	1.39
042	132.00	1.10
357	132.50	.78
366	129.00	.76
038	129.50	.61
616	128.50	.54
353	127.15	.30
Avg	126.90	
045	126.00	-.13
726	126.54	-.38
202	126.00	-.44
106	123.50	-.48
567	123.50	-.52
021	126.50	-.53
009	122.66	-.60
309	125.50	-.64
169	122.50	-.65
668	123.00	-.69
693	123.00	-.78
027	124.52	-.84
037	122.10	-.84
628	119.00	-1.30
154	116.50	-1.64
096	120.00	-1.69
--	Method 028.99 --	
721	140.50	1.21
725	140.25	1.11
Avg	128.06	
673	122.50	-.46
121	123.05	-.47
692	114.00	-1.17

Lab	Average*	Index
--	Method 029.00 --	
675	0.0035	.71
--	Method 031.01 --	
035	0.7500 s	3.99
626	0.7350 s	3.65
665	0.7300 R	3.19
305	0.7150	2.39
625	0.7044	1.98
363	0.7000	1.70
650	0.6950	1.49
674	0.6950	1.49
175	0.6900	1.32
619	0.6855	1.05
656	0.6850	1.04
019	0.6700 R	.97
609	0.6800	.91
010	0.6800	.91
620	0.6823	.90
122	0.6800	.79
728	0.6650	.69
139	0.6770	.66
026	0.6750	.61
647	0.6700	.57
142	0.6700	.57
563	0.6749	.56
722	0.6730	.47
658	0.6727	.46
036	0.6725	.45
651	0.6690	.40
679	0.6700	.34
278	0.6700	.34
599	0.6700	.34
653	0.6690	.32
263	0.6689	.29
710	0.6650	.25
354	0.6650	.25
098	0.6650	.25
Avg	0.6626	
038	0.6605	-.10

Lab	Average*	Index
--	Method 031.01 --	
731	0.6600	-.12
018	0.6615	-.12
001	0.6605	-.27
588	0.6565	-.32
723	0.6555	-.33
669	0.6560	-.40
034	0.6550	-.41
623	0.6530	-.45
646	0.6600	-.47
039	0.6507	-.58
205	0.6530	-.66
065	0.6470	-.71
622	0.6448	-.81
629	0.6450	-.83
633	0.6436	-.86
687	0.6400	-1.02
350	0.6386	-1.09
152	0.6400	-1.12
511	0.6400	-1.12
178	0.6350	-1.27
529	0.6350	-1.27
621	0.6350	-1.27
596	0.6250	-1.72
169	0.6250	-1.83
675	0.6200	-1.93
689	0.6150	-2.17
108	0.5850 s	-3.70
--	Method 031.02 --	
014	0.6855	1.39
508	0.6834	.77
013	0.6800	.25
Avg	0.6784	
004	0.6750	-.94
043	0.6750	-.94
011	0.6715	-1.07
505	0.6650 s	-3.12

* 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. - 200730 Lamb Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 031.03 --		--	Method 031.05 --		--	Method 031.05 --		--	Method 032.01 --		--	Method 032.05 --	
208	0.7275	1.44	164	0.6850	.57	407	0.6300	-1.48	Avg	0.9887		038	1.0300	.52
033	0.6865	.64	159	0.6845	.53	550	0.6280	-1.64	563	0.9757	-.27	693	1.0085	.52
026	0.6750	.43	202	0.6800	.51	009	0.6300	-1.65	098	0.9850	-.31	026	1.0240	.44
043	0.6700	.32	021	0.6821	.45	168	0.6225	-1.77	650	0.9700	-.38	159	1.0225	.40
Avg	0.6681		185	0.6765	.33	548	0.6053	-2.39	305	0.9650	-.49	021	1.0175	.37
036	0.6395	-.27	413	0.6750	.25	613	0.5650 s	-3.87	670	0.9550	-.68	297	1.0200	.35
047	0.6450 R	-.33	358	0.6750	.25				038	0.9545	-.79	413	1.0200	.35
048	0.6100	-.84	726	0.6750	.25	--	Method 031.06 --		675	0.9400	-1.00	042	1.0200	.35
613	0.5650 S	-1.72	512	0.6746	.22	138	0.6850	.87	710	0.9250	-1.28	199	1.0200	.35
720	0.5050 S	-2.88	Avg	0.6703		Avg	0.6700		139	0.9120 R	-1.75	144	1.0010	.32
			154	0.6696	-.14	686	0.6550	-.87	142	0.8550	-2.70	645	1.0047	.31
--	Method 031.05 --		693	0.6665	-.17	536	0.5450 S	-6.85				226	1.0150	.28
294	0.7450	2.75	148	0.6655	-.20				--	Method 032.02 --		405	1.0100	.25
190	0.7250 R	2.21	171	0.6650	-.27	--	Method 031.99 --		108	1.0400	.89	572	1.0100	.19
160	0.7207	1.88	298	0.6650	-.27	729	0.7650 S	1.60	731	1.0550	.85	017	1.0000	.17
567	0.7150 R	1.88	598	0.6650	-.27	631	0.7300	1.05	665	1.0250	.57	035	1.0050	.13
029	0.7150	1.65	560	0.6655	-.36	628	0.7000	.61	169	0.9900	.14	Avg	0.9987	
628	0.7050	1.29	510	0.6700	-.37	725	0.6900	.53	Avg	0.9843		208	0.9975	-.02
089	0.7020	1.17	017	0.6600	-.38	590	0.6800	.29	588	0.9705	-.17	083	0.9950	-.10
610	0.7000	1.15	353	0.6600	-.38	673	0.6750	.23	590	0.8250	-1.90	171	0.9885	-.18
027	0.7010	1.15	309	0.6646	-.40	Avg	0.6714					011	0.9862	-.23
038	0.7005	1.12	144	0.6595	-.41	724	0.6350	-.45	--	Method 032.05 --		100	0.9850	-.24
032	0.7000	1.09	110	0.6580	-.45	552	0.5900	-1.07	190	1.1450	2.46	229	0.9850	-.24
028	0.7000	1.09	045	0.6565	-.66	588	0.5725 S	-1.33	294	1.1350	2.27	613	0.9850	-.24
003	0.7000	1.09	121	0.6515	-.70	692	0.5700 S	-1.39	616	1.1250	2.10	045	0.9770	-.36
049	0.6850 R	1.07	265	0.6500	-.74				353	1.1000	1.75	510	0.9750	-.40
035	0.6750 R	.94	229	0.6500	-.74	--	Method 032.01 --		096	1.0100 R	1.51	164	0.9750	-.47
074	0.6950	.93	242	0.6500	-.74	656	1.1550 s	3.40	160	1.0781	1.34	407	0.9700	-.48
037	0.6950	.93	106	0.6490	-.78	035	1.0550	1.33	154	1.0649	1.14	106	0.9690	-.50
668	0.6925	.92	553	0.6475	-.87	208	1.0550	1.33	726	1.0550	.94	358	0.9700	-.51
096	0.6800	.82	357	0.6450	-.95	720	0.9900 R	.80	366	1.0500	.87	553	0.9675	-.53
297	0.6900	.81	083	0.6450	-.95	354	1.0250	.79	202	1.0450	.77	185	0.9585	-.71
042	0.6770	.78	100	0.6450	-.95	175	1.0200	.74	610	1.0400	.76	628	0.9550	-.73
366	0.6850	.77	051	0.6450	-.95	278	1.0250	.73	668	1.0400	.71	567	0.9450	-.93
208	0.6890	.76	572	0.6425	-1.05	609	1.0250	.73	037	1.0400	.71	110	0.9360	-1.04
682	0.6900	.73	226	0.6400	-1.11	619	1.0200	.66	357	1.0350	.61	003	0.9350	-1.09
616	0.6895	.71	199	0.6394	-1.14	205	1.0150	.61	049	1.0250	.60	309	0.9300	-1.16
645	0.6884	.67	187	0.6372	-1.21	350	1.0108	.45	560	1.0300	.55	520	0.9450 R	-1.16
405	0.6850	.57	520	0.6400	-1.33	529	1.0100	.43	148	1.0300	.52	009	0.9300	-1.25

* 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. - 200730 Lamb Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 032.05 --	
029	0.9265	-1.26
187	0.9111	-1.46
242	0.8950	-1.73
550	0.8765	-2.07
265	0.8700	-2.14
548	0.8865 s	-2.16
051	0.8650	-2.30
--	Method 032.99 --	
673	1.6000 S	7.13
074	1.0650	.93
725	1.0100	.31
Avg	0.9850	
692	0.8800	-1.24
--	Method 033.00 --	
366	0.6800	2.44
539	0.6275	.90
731	0.6200	.89
675	0.6250	.83
596	0.6150	.68
407	0.6100	.38
034	0.6050	.27
160	0.6050	.27
298	0.6050	.27
Avg	0.5970	
693	0.5860	-.37
653	0.5950	-.44
208	0.5800	-.59
511	0.5700	-.84
309	0.5660	-.91
353	0.5600	-1.08
689	0.5600	-1.12
588	0.5400	-1.67
679	0.4100 s	-5.46
567	0.3550 s	-7.07
674	0.2850 s	-10.45

Lab	Average*	Index
--	Method 033.01 --	
021	0.6800	2.16
226	0.6800	2.16
278	0.6700	1.73
710	0.6650	1.54
096	0.6550	1.15
202	0.6500	1.01
039	0.6399	.56
242	0.6400	.54
175	0.6350	.39
001	0.6350	.39
650	0.6350	.39
026	0.6350	.39
185	0.6281	.20
106	0.6305	.16
019	0.6300	.14
229	0.6300	.14
Avg	0.6264	
199	0.6200	-.25
100	0.6200	-.25
354	0.6200	-.25
205	0.6195	-.31
590	0.6200	-.47
629	0.6150	-.49
164	0.6150	-.49
011	0.6116	-.59
559	0.6100	-.65
178	0.6100	-.65
038	0.6100	-.65
004	0.6150 R	-.75
029	0.6050	-.87
686	0.6050	-.87
633	0.5973	-1.16
098	0.5950	-1.26
510	0.5900	-1.44
413	0.5700	-2.24

Lab	Average*	Index
--	Method 033.03 --	
598	0.8000 S	1.73
159	0.7200	1.03
726	0.7000	.86
505	0.6850	.74
190	0.6700	.61
Avg	0.6307	
048	0.5950	-.06
144	0.5800	-.17
122	0.4650	-1.16
265	0.3850 S	-1.85
--	Method 033.05 --	
613	0.6200	1.08
Avg	0.6175	
171	0.6150	-.58
--	Method 033.99 --	
630	2.0400 s	17.99
552	0.6900	1.42
003	0.6450	.92
673	0.6250	.62
Avg	0.5745	
051	0.5650	-.22
723	0.5455	-.36
619	0.4940	-1.00
121	0.4570	-1.44
--	Method 034.01 --	
560	0.5940	1.08
Avg	0.5738	
038	0.5655	-.52
668	0.5620	-1.03
--	Method 034.04 --	
190	0.7450 s	5.25
572	0.5885	1.36
610	0.5860	1.31
026	0.5550	.54
164	0.5450	.47

Lab	Average*	Index
--	Method 034.04 --	
171	0.5350	.13
Avg	0.5337	
169	0.5300	-.09
619	0.5040	-.74
010	0.4950	-.97
208	0.4650	-1.71
--	Method 034.05 --	
567	0.8550	1.24
Avg	0.7000	
154	0.6480	-.54
047	0.5970	-.82
--	Method 034.99 --	
168	10.550 S	302.14
721	0.6450	1.02
Avg	0.6225	
096	0.6000	-.68
--	Method 035.00 --	
609	0.4200 s	17.20
675	0.2750 s	6.51
122	0.2150	2.12
656	0.2100 R	1.87
710	0.2050	1.40
035	0.2000 R	1.22
722	0.2030	1.20
098	0.1950	.71
354	0.1950	.71
720	0.1950	.71
670	0.1950	.71
205	0.1940	.61
175	0.1900	.24
363	0.1900	.24
305	0.1900	.24
Avg	0.1867	
263	0.1845	-.17
619	0.1855	-.21
038	0.1830	-.35

Lab	Average*	Index
--	Method 035.00 --	
208	0.1800	-.50
152	0.1800	-.50
278	0.1800	-.50
139	0.1800	-.52
529	0.1745	-.91
650	0.1700	-1.23
142	0.1700	-1.23
658	0.1535	-2.45
--	Method 035.01 --	
647	0.1950	1.16
686	0.1985	.93
563	0.1949	.86
Avg	0.1945	
138	0.1940	-.70
613	0.1900	-1.03
--	Method 035.03 --	
598	0.2250 s	3.97
187	0.2232 A	3.59
682	0.2100	2.42
548	0.2059	2.06
100	0.2000	1.78
038	0.2025	1.76
242	0.2000	1.54
413	0.1950	1.19
190	0.1950	1.19
309	0.1860 R	1.18
154	0.1952	1.14
353	0.1900	1.10
202	0.1930	.97
042	0.1905	.86
550	0.1910	.83
159	0.1890	.73
613	0.1900	.66
035	0.1900	.66
017	0.1850	.49
229	0.1850	.49
164	0.1850	.49

* 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. - 200730 Lamb Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 035.03 --		--	Method 035.05 --		--	Method 036.03 --		--	Method 037.01 --		--	Method 037.03 --	
298	0.1850	.49	106	0.2380 s	5.95	045	0.2510	-.68	505	157.50	-.74	610	154.00	-.97
726	0.1850	.49	108	0.2000	1.68	106	0.2485	-.80	278	154.45	-.92	407	152.50	-1.15
144	0.1875	.45	294	0.2000	1.08	159	0.2475	-.86	178	158.00	-.97	553	151.50	-1.28
021	0.1834	.30	665	0.1950	.78	693	0.2485	-.87	588	151.50	-1.08	144	151.70	-1.28
011	0.1847	.20	Avg	0.1915		616	0.2465	-.91	710	149.00	-1.37	613	147.00	-1.83
029	0.1836	.15	590	0.1895	-.26	265	0.2200	-2.33	004	148.00	-1.48	358	146.62	-1.87
Avg	0.1824		160	0.1906	-.54	550	0.1290 s	-7.21	305	147.37	-1.56			
645	0.1823	-.14	588	0.1870	-.59							--	Method 037.05 --	
121	0.1800	-.21	731	0.1850	-1.05	--	Method 036.04 --		--	Method 037.03 --		154	190.00	1.71
083	0.1800	-.21	169	0.1850	-1.05	226	0.2600	.00	265	194.50 s	4.23	190	190.05	1.69
265	0.1800	-.21				510	0.2600	.00	548	177.33 R	2.95	294	189.52	1.65
567	0.1800	-.21	--	Method 035.99 --		Avg	0.2600		003	174.50 R	2.35	017	186.00	1.37
366	0.1800	-.21	588	0.4610 S	55.80				598	176.00	1.74	726	177.47	.80
668	0.1810	-.22	725	0.1800	1.29	--	Method 037.01 --		185	175.00	1.61	027	177.01	.71
089	0.1793	-.28	Avg	0.1733		354	296.70 s	15.47	413	174.00	1.49	616	175.50	.62
610	0.1795	-.29	673	0.1700	-.65	722	185.49	2.81	512	173.85	1.47	042	170.00	.56
199	0.1787	-.33	692	0.1700	-.65	653	179.09	2.18	405	171.00	1.28	160	174.90	.55
171	0.1780	-.43				013	176.00 R	2.12	100	171.50	1.26	199	170.10	.50
407	0.1775	-.44	--	Method 036.00 --		508	169.23	1.11	049	171.13	1.14	357	172.00	.42
208	0.1810	-.46	297	0.2600	.00	014	170.00	1.03	011	169.84	.98	366	172.00	.37
148	0.1760	-.57				619	162.00	.69	074	166.50	.71	202	171.50	.36
553	0.1745	-.70	--	Method 036.03 --		590	166.52	.67	242	162.50	.56	309	168.65	.36
405	0.1750	-.79	187	0.3218 s	3.16	674	162.00	.58	164	165.50	.48	021	168.75	.18
226	0.1750	-.79	169	0.3100	2.50	175	161.00	.57	520	162.00	.37	Avg	168.41	
037	0.1750	-.79	294	0.2850	1.19	529	163.50	.49	226	164.00	.29	567	164.50	-.46
520	0.1750	-.79	202	0.2800	.89	038	161.00	.46	159	163.00	.28	628	168.00	-.47
616	0.1730	-.83	042	0.2780	.85	098	163.00	.26	026	162.00	.02	169	162.50	-.50
045	0.1730	-.85	708	0.2755	.65	656	162.27	.24	Avg	161.85		009	161.55	-.54
693	0.1780	-.88	021	0.2734	.54	563	161.90	.22	148	160.00	-.26	037	160.70	-.61
049	0.1800	-.90	038	0.2720	.47	731	162.50	.18	208	160.00	-.26	693	163.50	-.83
297	0.1800	-.90	160	0.2697	.35	620	162.36	.16	297	161.00	-.27	045	155.50	-1.03
572	0.1710	-1.02	560	0.2690	.30	350	162.05	.12	029	159.50	-.30	353	155.25	-1.05
358	0.1700	-1.09	613	0.2650	.28	Avg	160.99		229	159.00	-.37	096	155.00	-1.12
510	0.1700	-1.09	357	0.2650	.28	208	160.50	-.08	187	158.69	-.39	572	153.00	-1.20
110	0.1700	-1.09	Avg	0.2634		669	160.77	-.20	171	159.50	-.42	106	151.50	-1.33
096	0.1750 R	-1.47	171	0.2570	-.35	720	158.32	-.31	083	159.00	-.43	668	142.50	-2.10
628	0.1650	-1.59	353	0.2550	-.53	675	158.04	-.52	560	159.00	-.51			
185	0.1581	-2.16	366	0.2600	-.57	689	156.50	-.59	550	156.37	-.72			
560	0.1570	-2.24	154	0.2553	-.67	035	155.00	-.69	510	156.00	-.80			

* 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 037.99 --	
721	198.00 S	1.46
725	174.85	.53
Avg	156.82	
121	158.94	-.28
673	159.50	-.31
692	134.00	-1.38
--	Method 038.00 --	
159	3.1650 s	9.38
154	2.0500	1.67
038	1.9000	.60
045	1.8600	.47
Avg	1.8131	
560	1.7550	-.65
510	1.8000	-.70
208	1.6900	-.85
011	1.6368	-1.22
021	1.1500 s	-4.89
--	Method 038.99 --	
164	2.4000	.91
Avg	1.9750	
106	1.5500	-.82
--	Method 039.01 --	
164	2.5500	.71
--	Method 039.02 --	
154	3.1500	1.28
045	2.9500	.83
011	2.8040	.32
Avg	2.6873	
560	2.6850	-.23
567	2.3600	-.90
668	2.1750	-1.48
021	2.6500 R	-1.52
--	Method 040.00 --	
560	7.2900	.71
--	Method 041.00 --	
154	0.9500	1.05
Avg	0.9189	
011	0.8878	-.64
--	Method 061.00 --	
043	25.200	-.71
--	Method 061.02 --	
047	39.160 s	4.80
017	33.050	2.08
009	32.445	1.83
039	29.480	.48
668	29.400	.44
218	28.730	.19
026	28.470	.18
Avg	28.424	
010	28.400	-.18
027	28.305	-.28
036	27.500	-.47
003	27.500	-.47
038	28.350	-.51
033	27.750	-.80
035	26.062	-1.06
043	25.468	-1.33
013	25.450	-1.42
--	Method 104.00 --	
171	2.6950	.71
--	Method 105.00 --	
160	2.4850	-.71
--	Method 106.00 --	
171	3.4000	.71
--	Method 106.02 --	
675	5.6100 s	5.12
096	3.2450 R	1.61
003	3.2000	1.27
619	3.1450	1.19
563	3.1413	1.18
208	3.0250	1.13
722	3.0145	.98
021	2.7450	.61
670	2.4050	.03
Avg	2.3990	
560	2.3350	-.28
616	2.1100	-.48
038	2.0750	-.58
033	2.1300	-.68
160	1.9140	-.77
004	1.8500	-.87
199	1.7450	-1.04
242	1.1500	-1.98
--	Method 108.02 --	
560	29.550 R	11.55
722	5.4095	1.27
Avg	2.4365	
675	1.4700	-.41
208	0.4300	-.85
--	Method 109.02 --	
722	81.555	2.17
675	57.385	.56
563	50.506	.09
Avg	49.118	
199	47.300	-.12
096	46.000	-.22
208	42.550	-.44
619	37.300	-.79
560	30.350	-1.26
--	Method 120.00 --	
160	0.9158	1.97
684	0.8875	1.12
038	0.8670	.58
619	0.8690	.26
Avg	0.8635	
571	0.8630	-.11
350	0.8510	-.51
652	0.8450	-.72
676	0.8380	-.99
675	0.8350	-1.09
662	0.8565 R	-1.22
--	Method 120.05 --	
626	0.8650	.71
--	Method 121.00 --	
684	1.2550	1.55
619	1.2350	.98
662	1.1940	.47
676	1.2085	.43
571	1.2000	.32
675	1.2000	.25
Avg	1.1879	
038	1.1755	-.26
652	1.1850	-.52
350	1.1350	-1.11
160	1.0909	-2.00
--	Method 121.05 --	
626	1.2600	.71
--	Method 122.00 --	
684	1.6340	1.43
619	1.6300	1.23
652	1.6000	.88
571	1.5800	.08
Avg	1.5766	
350	1.5720	-.17
676	1.5665	-.23
--	Method 122.00 --	
675	1.5600	-.45
662	1.5480	-.68
160	1.4990	-1.85
038	1.5320 S	-2.93
--	Method 122.05 --	
626	1.5500	.71
--	Method 124.00 --	
675	0.4950	2.19
160	0.4036	.91
038	0.3695	.45
Avg	0.3382	
684	0.3360	-.03
652	0.3050	-.47
662	0.3021	-.51
571	0.2885	-.70
350	0.2745	-.89
619	0.2700	-.95
--	Method 124.02 --	
676	0.2865	.71
--	Method 125.00 --	
675	3.3550	1.99
684	3.2095	1.03
038	3.1610	.59
652	3.1200	.45
662	3.1071	.43
Avg	3.0851	
619	3.0300	-.41
676	3.0235	-.46
160	2.9851	-.75
571	2.9650	-.91
350	2.8950	-1.40

* 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 125.05	--
626	2.9750	.71
--	Method 126.00	--
684	0.7500	1.64
662	0.7203 R	1.23
619	0.7345	.82
652	0.7300	.77
571	0.7240	.34
Avg	0.7170	
160	0.7119	-.28
038	0.7095	-.35
350	0.7065	-.51
675	0.7100	-.57
676	0.6770	-1.91
--	Method 126.05	--
626	0.7500	.71
--	Method 127.00	--
675	0.5650 s	7.34
652	0.4550	1.03
571	0.4490	.91
676	0.4480	.71
684	0.4450	.54
619	0.4405	.46
350	0.4415	.43
Avg	0.4378	
160	0.4271	-.61
662	0.4317	-.84
038	0.4020	-2.08
--	Method 127.05	--
626	0.4450	.71
--	Method 128.00	--
662	0.6425	1.22
684	0.6340	.94
571	0.6235	.68
619	0.6005	.54
--	Method 128.00	--
675	0.6100	.28
652	0.6100	.28
Avg	0.5998	
676	0.5845	-.42
350	0.5690	-.85
038	0.5635 R	-1.27
160	0.5241	-2.08
--	Method 128.05	--
626	0.6500	.71
--	Method 129.00	--
684	1.4040	1.21
675	1.3850	.82
350	1.3575	.64
619	1.3450	.29
571	1.3450	.13
Avg	1.3399	
652	1.3350	-.13
038	1.3280	-.27
160	1.2200	-2.18
662	0.8422 s	-12.44
676	0.7785 s	-13.73
--	Method 129.05	--
626	1.3400	.71
--	Method 130.00	--
350	0.7965	1.39
676	0.7890	1.01
675	0.7800	.75
619	0.7760	.47
Avg	0.7685	
160	0.7648	-.23
038	0.7620	-.33
571	0.7630	-.65
684	0.7555	-.79
662	0.7597 R	-1.82
652	0.7300	-1.89
--	Method 130.05	--
626	0.7700	.71
--	Method 131.00	--
160	0.3207	1.60
676	0.3200	1.60
675	0.2950	.90
Avg	0.2720	
571	0.2660	-.24
662	0.2672	-.30
652	0.2650	-.55
684	0.2530	-.64
619	0.2510	-.70
038	0.2480	-.82
350	0.2345	-1.24
--	Method 131.05	--
626	0.1950	.71
--	Method 132.00	--
684	0.8260	1.61
662	0.8037	.91
619	0.8105	.82
571	0.8050	.79
160	0.8092	.60
Avg	0.8012	
675	0.8000	-.07
350	0.8000	-.30
676	0.7845	-1.10
038	0.7885	-1.22
652	0.7850	-1.29
--	Method 132.05	--
626	0.8050	.71
--	Method 133.00	--
662	0.9986	1.30
684	1.0245	1.14
619	1.0130	.92
160	0.9894	.34
--	Method 133.00	--
571	0.9855	.20
Avg	0.9770	
038	0.9755	-.43
676	0.9465	-.70
675	0.9200	-1.33
652	0.9400	-1.44
--	Method 133.05	--
626	1.0300	.71
--	Method 134.00	--
619	0.8315	1.39
684	0.8105	1.05
662	0.7836	.44
675	0.7800	.31
571	0.7755	.26
Avg	0.7651	
350	0.7645	-.03
160	0.7526	-.28
038	0.7565 R	-.74
652	0.7200	-.96
676	0.6675	-2.03
--	Method 134.05	--
626	0.8200	.00
--	Method 135.00	--
684	0.6355	1.42
619	0.6225	.84
350	0.6170	.67
571	0.6150	.62
662	0.6062	.41
Avg	0.6000	
652	0.5950	-.59
160	0.5802	-.75
676	0.5740	-.98
675	0.5550	-1.70
038	0.5685 R	-1.81
--	Method 135.05	--
626	0.6100	.71
--	Method 136.00	--
684	0.2200	.79
Avg	0.2075	
662	0.1949	-.94
--	Method 136.01	--
160	0.2364	.87
Avg	0.2192	
571	0.2020	-.86
--	Method 136.99	--
610	0.1950	.71
--	Method 137.00	--
675	0.8350 S	6.29
662	0.6161	1.25
684	0.5975	.79
038	0.5690	.21
160	0.5669	.13
Avg	0.5635	
676	0.5425	-.52
350	0.4890	-1.73
--	Method 137.05	--
626	0.4000	-.71
--	Method 138.00	--
571	0.7740	1.35
662	0.7722	1.10
619	0.7615	.61
684	0.7630	.55
Avg	0.7571	
676	0.7545	-.36
160	0.7518	-.56
350	0.7445	-.89
675	0.7350	-1.59
038	0.7195 S	-3.59

* 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. - 200730 Lamb Grower, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 138.00 --													
652	0.6950 S	-4.50												
--	Method 138.05 --													
626	0.8000	.71												
--	Method 300.01 --													
651	7.0000	.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. - 200730 Lamb 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	-0.4618	2.49	0.21	009.99	6	2.1708	5.38	0.44
001.03	5	0.0000	1.05	0.14	010.03	2	-12.7007	17.96	1.33
001.07	39	-0.1184	1.14	0.36	010.11	12	0.0000	0.92	0.42
001.99	18	0.2707	1.98	0.38	010.99	14	-0.1946	1.25	0.21
002.00	3	0.0000	1.08	0.23	011.01	75	-0.0393	1.26	0.18
002.01	10	0.9151	2.54	0.54	011.99	4	0.0000	1.01	0.34
002.02	11	-0.1418	1.07	0.28	012.00	8	-0.8130	2.49	0.16
002.03	3	0.0000	0.94	0.50	012.01	4	0.0000	0.97	0.40
002.04	5	-1.4500	3.37	0.17	012.02	2	0.0000	1.14	0.32
002.05	18	-0.0376	0.99	0.14	012.03	3	0.0000	0.81	0.63
002.06	116	-0.0692	1.87	0.32	012.04	6	0.0000	1.04	0.11
002.08	5	0.0000	0.94	0.44	012.11	2	0.0000	1.02	0.48
002.10	9	0.0000	0.95	0.38	013.02	17	0.0280	0.95	0.21
002.11	16	-0.8524	2.79	0.23	013.10	17	0.0000	0.99	0.20
002.99	6	1.3220	2.24	0.71	013.99	2	0.0000	1.22	0.04
003.00	28	-0.2228	1.36	0.39	015.00	11	-0.1125	1.02	0.33
003.06	29	-0.3848	2.15	0.41	017.00	6	0.0000	0.99	0.32
003.09	30	0.2153	1.21	0.40	018.02	4	0.0000	1.06	0.16
003.10	30	0.0268	1.27	0.35	019.00	13	0.0153	0.97	0.19
003.11	16	0.0000	0.99	0.22	019.01	53	0.0890	1.60	0.29
003.12	4	0.0000	0.31	0.90	019.03	7	0.0000	1.03	0.16
003.13	4	0.0000	1.02	0.32	019.05	42	-0.0970	1.06	0.26
003.14	14	-0.0483	0.95	0.39	019.08	7	0.5441	1.55	0.71
003.99	9	-0.3596	1.42	0.25	019.09	31	0.1314	1.06	0.41
004.00	30	1.5774	8.69	0.19	019.99	7	0.0000	1.03	0.13
004.01	2	0.0000	1.18	0.22	020.00	2	0.0000	1.20	0.17
004.03	3	0.0000	0.74	0.68	020.01	10	0.1003	0.98	0.40
004.06	33	-0.0758	1.03	0.54	020.99	3	3.0686	5.38	0.37
004.07	39	0.0459	1.02	0.26	021.01	4	0.8959	2.01	0.09
004.11	15	0.0983	1.03	0.33	021.02	15	0.0408	0.98	0.24
004.99	7	0.0000	0.89	0.49	021.99	3	0.0000	1.12	0.06
005.00	127	0.1704	1.80	0.98	022.01	27	0.7424	2.32	0.55
005.11	14	0.3450	1.60	0.25	022.03	33	0.2317	2.43	0.49
005.99	13	0.0000	0.99	0.22	022.05	28	0.1165	1.10	0.40
008.02	20	-0.1791	1.34	0.25	022.99	4	0.0000	1.01	0.34
008.08	24	0.8877	3.14	0.35	025.01	28	0.2979	2.12	0.43
008.99	6	7.9514	21.22	0.57	025.03	33	0.0766	1.06	0.40
009.07	17	1.2135	5.10	0.09	025.05	22	0.0000	0.98	0.25
009.09	19	0.1961	3.38	0.22	025.99	4	0.6128	1.51	0.18

AAFCO - Feed Check Sample No. - 200730 Lamb 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
027.01	26	0.0042	0.98	0.20
027.03	36	0.1028	1.13	0.32
027.05	27	0.0836	1.05	0.28
027.99	4	-0.8424	1.91	0.13
028.01	30	0.0000	0.97	0.26
028.03	34	0.1305	1.42	0.40
028.05	27	0.1689	1.20	0.56
028.99	5	0.0000	0.98	0.36
031.01	62	0.1150	1.28	0.40
031.02	7	-0.2967	1.10	1.02
031.03	9	-0.3377	1.31	0.11
031.05	71	0.0071	1.09	0.35
031.06	3	-2.2822	4.04	0.27
031.99	10	0.0000	1.00	0.22
032.01	22	0.0827	1.21	0.35
032.02	6	0.0000	1.00	0.28
032.05	62	-0.0415	0.99	0.33
032.99	4	1.7837	3.68	0.13
033.00	20	-1.0826	2.85	1.17
033.01	34	-0.0133	0.98	0.21
033.03	9	0.1904	1.12	0.12
033.05	2	0.0000	0.37	0.83
033.99	8	2.2463	6.42	0.34
034.01	3	0.0000	0.91	0.53
034.04	10	0.5244	1.92	0.15
034.05	3	0.0000	1.08	0.25
034.99	3	100.1552	173.48	18.35
035.00	26	1.0147	3.66	0.33
035.01	5	0.0000	0.70	0.71
035.03	59	0.1184	1.13	0.45
035.05	9	0.6597	2.11	0.61
035.99	4	13.9266	27.87	1.65
036.03	23	-0.1774	1.91	0.24
036.04	2	0.0000	0.00	0.00
037.01	31	0.5542	2.93	0.44
037.03	35	0.2124	1.21	0.60
037.05	27	0.0000	0.95	0.33
037.99	5	0.0000	1.04	0.21
038.00	9	0.5283	3.73	0.73
038.99	2	0.0000	1.16	0.28
039.02	7	-0.0147	0.92	0.62
041.00	2	0.0000	0.78	0.67
061.02	16	0.2998	1.52	0.31
106.02	17	0.3788	1.56	0.33
108.02	4	2.8851	5.84	0.18
109.02	8	0.0000	1.03	0.04
120.00	10	-0.0261	0.92	0.49
121.00	10	0.0000	0.97	0.33
122.00	10	-0.1028	0.96	0.93
124.00	9	0.0000	1.03	0.05
125.00	10	0.0000	0.99	0.25
126.00	10	0.0151	0.92	0.49
127.00	10	0.7332	2.47	0.43
128.00	10	-0.0996	1.00	0.33
129.00	10	-1.9238	4.16	3.98
130.00	10	-0.0433	0.92	0.64
131.00	10	0.0000	0.99	0.27
132.00	10	0.0000	0.75	0.66
133.00	9	0.0000	0.81	0.60
134.00	10	-0.0178	0.95	0.29
135.00	10	-0.1182	0.99	0.52
136.00	2	0.0000	1.10	0.38
136.01	2	0.0000	1.22	0.06
137.00	7	0.8976	2.55	0.20
138.00	10	-0.7020	1.74	0.91