Feed Check Sample No. - 201021 Sheep and Goad Feed, Medicated
Association of American Feed Control Officials

Method	AOAC 18th	Method Code	- Pass 1 Results for 220 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 220 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
NPN, Urea + Am, Urease Method.....	941.04	000.01	1	1.40000	0.00000	0.00000	1	1.40000	0.00000	0.00000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	10	10.0715	0.33358	0.12500	9	10.0539	0.33724	0.08333
Loss on Drying, ISO 6496		001.03	6	9.76167	0.50600	0.08000	6	9.76167	0.50600	0.08000
Loss on Drying, LECO		001.05	1	9.90500	0.17678	0.25000	1	9.90500	0.17678	0.25000
Loss on Drying, 104 deg 3 hr, in malt .	935.29	001.07	40	9.82257	0.34208	0.12925	36	9.80981	0.32387	0.08083
Loss on Drying, 102 deg 16 hr, in meat	950.46	001.08	1	9.92500	0.14849	0.21000	1	9.92500	0.14849	0.21000
Loss on Drying, Misc		001.99	20	9.91473	0.47595	0.11005	19	9.95392	0.45307	0.09584
Method Group 001.XX PCT			78	9.87580	0.39578	0.12258	72	9.87726	0.38435	0.08918
Protein, Crude	954.01	002.00	7	15.4829	0.25427	0.17714	7	15.4829	0.25427	0.17714
Protein, Auto Kjel-Foss	976.05	002.01	9	15.3597	0.10093	0.03589	8	15.3559	0.10273	0.02038
Protein, Semiauto Autoanalyzer	976.06	002.02	9	15.1357	0.26279	0.11607	9	15.1357	0.26279	0.11607
Protein, Hach Method		002.03	1	15.3800	0.04243	0.06000	1	15.3800	0.04243	0.06000
Protein, Copper Cat	984.13	002.04	6	15.7608	0.39844	0.15167	6	15.7608	0.39844	0.15167
Protein, Copper, Boric Acid		002.05	18	15.3089	0.25444	0.08632	15	15.2437	0.16737	0.05690
Protein, Combustion Nitrogen Analyzer	990.03	002.06	132	15.6020	0.30435	0.12348	127	15.6142	0.29528	0.10580
Protein, Cu/Ti	988.05	002.08	5	15.4671	0.56821	0.15332	5	15.4671	0.56821	0.15332
Protein, Block dig/distillation		002.10	8	15.4084	0.20270	0.14313	8	15.4084	0.20270	0.14313
Protein, NIR		002.11	13	15.3485	0.57962	0.10615	13	15.3485	0.57962	0.10615
Protein, Misc		002.99	6	15.5917	0.33949	0.08667	6	15.5917	0.33949	0.08667
Method Group 002.XX PCT			214	15.5210	0.34917	0.11795	205	15.5256	0.34757	0.10497
Fat, Eth Ext, Direct	920.39	003.00	23	3.71474	0.32310	0.10651	20	3.69795	0.29690	0.04249
Fat, Ind Eth Ext (13th ed), Indirect ..	920.39	003.01	1	3.55000	0.24042	0.34000	1	3.55000	0.24042	0.34000
Fat, Pet Ether		003.06	26	3.43159	0.31380	0.10975	25	3.42926	0.31245	0.08694
Fat, Soxtec, Eth Ext		003.09	28	3.60871	0.22089	0.06895	26	3.60438	0.18383	0.05503
Fat, Soxtec, Pet Ether		003.10	32	3.30683	0.13931	0.06246	30	3.31079	0.13828	0.05096
Fat, NIR		003.11	15	3.58967	0.26355	0.04333	15	3.58967	0.26355	0.04333
Fat, Hexane Ext.		003.12	2	3.50294	0.35525	0.07587	2	3.50294	0.35525	0.07587
Fat, Soxtec, Hexane Ext.		003.13	7	3.42050	0.39118	0.20957	6	3.39308	0.35080	0.06617
Fat, Ankom		003.14	16	3.45875	0.15884	0.11750	16	3.45875	0.15884	0.11750
Fat, Misc		003.99	12	3.65151	0.48171	0.09198	11	3.63892	0.48970	0.03488
Method Group 003.XX PCT			162	3.51250	0.30723	0.09151	152	3.50563	0.29339	0.06438
Fiber, Crude Asbestos Free	962.09	004.00	29	13.9928	0.65231	0.16567	27	13.9801	0.66311	0.12979
Fiber, Sing Filt		004.01	2	15.3025	0.72555	0.92500	2	15.3025	0.72555	0.92500
Fiber, Fritted Glass	978.10	004.03	2	14.0750	0.18930	0.25000	2	14.0750	0.18930	0.25000
Fiber, Fibertec		004.06	35	14.4536	0.92089	0.20105	32	14.4247	0.92059	0.13834
Fiber, ANKOM		004.07	46	14.0311	0.83796	0.22396	42	14.0188	0.86054	0.14934
Fiber, NIR		004.11	13	13.0281	0.70262	0.10846	13	13.0281	0.70262	0.10846
Fiber, Misc		004.99	3	13.7700	0.53699	0.20667	3	13.7700	0.53699	0.20667
Method Group 004.XX PCT			130	14.0502	0.89542	0.20403	121	14.0270	0.90351	0.15358

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			- Pass 1 Results for 220 Labs -				- Pass 2 Results for 220 Labs -			
Ash,	942.05	005.00	140	7.24212	0.26038	0.07337	132	7.24206	0.24626	0.05551
Ash, Sugars & Syrups	900.02	005.01	1	7.31000	0.07071	0.10000	1	7.31000	0.07071	0.10000
Ash, LECO		005.02	1	7.35000	0.04243	0.06000	1	7.35000	0.04243	0.06000
Ash, Microwave Furnace		005.03	1	7.72000	0.04243	0.06000	1	7.72000	0.04243	0.06000
Ash, NIR		005.11	8	7.79813	0.31169	0.05625	10	7.92700	0.40180	0.06800
Ash, Misc		005.99	15	7.27923	0.35545	0.08540	15	7.27923	0.35545	0.08540
Method Group 005.XX PCT			166	7.27621	0.29669	0.07363	158	7.27788	0.28814	0.05872
Fiber, Acid Detergent	973.18	008.02	16	18.0222	0.88747	0.29687	15	17.9870	0.89474	0.24333
Fiber, Acid Detergent-Hach		008.05	1	18.4500	0.35355	0.50000	1	18.4500	0.35355	0.50000
Fiber, Acid Detergent by ANKOM		008.08	25	17.4284	0.83245	0.42104	24	17.4419	0.82044	0.35316
Fiber, Acid Detergent Misc		008.99	4	18.1875	1.30747	0.39500	4	18.1875	1.30747	0.39500
Method Group 008.XX PCT			46	17.7232	0.94024	0.37730	44	17.7184	0.93224	0.32286
Fiber, Neutral Det-ENZ Pretreat		009.07	12	36.5017	0.74332	0.63667	11	36.5305	0.68386	0.48455
Fiber, Neutral Detergent by ANKOM		009.09	19	34.9173	1.00208	0.40610	19	34.9173	1.00208	0.40610
Fiber, Neutral Det Misc		009.99	6	36.9000	2.79412	0.60000	6	36.9000	2.79412	0.60000
Method Group 009.XX PCT			37	35.7526	1.61975	0.51232	36	35.7406	1.62926	0.46239
Moisture, Karl-Fischer	966.20	010.03	2	9.09000	0.16391	0.19000	2	9.09000	0.16391	0.19000
Moisture, NIR		010.11	11	9.89273	0.36561	0.10909	11	9.89273	0.36561	0.10909
Moisture, Misc		010.99	16	10.0292	0.82828	0.17538	15	10.1401	0.71915	0.13040
Method Group 010.XX PCT			29	9.91266	0.69213	0.15124	28	9.96793	0.63221	0.12629
Loss on Drying, 135 deg 2 hr	930.15	011.01	83	10.9386	0.42661	0.13320	78	10.9349	0.40974	0.09613
Loss on Drying, High Temp Methods, Misc		011.99	1	10.5450	0.07778	0.11000	1	10.5450	0.07778	0.11000
Method Group 011.XX PCT			84	10.9339	0.42625	0.13293	79	10.9300	0.40951	0.09630
Starch, Polarimetric (Ewers)		012.00	7	16.3829	0.72717	0.26000	6	16.2142	0.61091	0.15833
Starch, Megazyme		012.01	3	13.7983	0.82754	0.78333	3	13.7983	0.82754	0.78333
Starch, Colorimetric (GOP)		012.02	1	17.6855	0.19021	0.26900	1	17.6855	0.19021	0.26900
Starch, Enzymatic		012.03	2	14.4350	0.35029	0.26000	2	14.4350	0.35029	0.26000
Starch, YSI Analyzer		012.04	6	14.5892	1.69129	0.18167	6	14.5892	1.69129	0.18167
Starch, NIR		012.11	5	18.4340	2.60801	0.24000	5	18.4340	2.60801	0.24000
Starch, Misc.		012.99	1	18.2000	0.70711	1.00000	1	18.2000	0.70711	1.00000
Method Group 012.XX PCT			25	16.0214	2.22822	0.32996	24	15.9642	2.25490	0.30746
Fat, Mojonnier, Bak Ext	954.02	013.02	33	4.77398	0.55149	0.13185	32	4.77317	0.55777	0.11784
Fat, Soxtec-Acid Hydrolysis		013.10	18	4.36272	0.46533	0.20189	18	4.36272	0.46533	0.20189
Fat, Super Critical Fluid Extraction		013.11	2	3.94750	1.00324	0.53500	2	3.94750	1.00324	0.53500
Fat, NIR-Acid Hydrolysis		013.12	2	3.95750	0.34023	0.05500	2	3.95750	0.34023	0.05500
Fat, Ankon-Acid Hydrolysis		013.13	1	4.72000	0.22627	0.32000	1	4.72000	0.22627	0.32000
Fat, Pretreat or extended ext, misc		013.99	3	4.72167	1.25011	0.09667	3	4.72167	1.25011	0.09667
Method Group 013.XX PCT			59	4.58925	0.62745	0.16568	58	4.58561	0.63111	0.15853
Aluminum, ICP		015.00	11	61.3595	11.6844	3.20173	11	61.3595	11.6844	3.20173

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Method Group 015.XX PPM			11	61.3595	11.6844	3.20173	11	61.3595	11.6844	3.20173
Arsenic, AA, Hydride		016.00	1	0.03750	0.00354	0.00500	1	0.03750	0.00354	0.00500
Boron, ICP		017.00	8	8.81250	0.97258	0.26750	8	8.81250	0.97258	0.26750
Boron, Misc		017.99	1	7.45000	0.07071	0.10000	1	7.45000	0.07071	0.10000
Method Group 017.XX PPM			9	8.66111	1.01442	0.24889	9	8.66111	1.01442	0.24889
Cadmium, ICP		018.02	2	0.11050	0.00265	0.00200	2	0.11050	0.00265	0.00200
Method Group 018.XX PPM			2	0.11050	0.00265	0.00200	2	0.11050	0.00265	0.00200
Calcium, Ox-Mn04 Vol	927.02	019.00	11	1.14907	0.07093	0.02864	10	1.15498	0.06995	0.02150
Calcium, At Abs Spect	968.08	019.01	45	1.15209	0.06634	0.02362	42	1.14975	0.06593	0.01866
Calcium, Semiauto (Autoanalyzer)		019.03	6	1.19355	0.03765	0.01890	5	1.20126	0.03261	0.00868
Calcium, ICP, Dry Ash		019.05	43	1.15088	0.04202	0.02801	39	1.15264	0.03771	0.01986
Calcium, EDTA		019.08	8	1.17164	0.09525	0.02541	7	1.16688	0.09980	0.01619
Calcium, ICP, Wet Ash		019.09	33	1.17884	0.05304	0.03019	30	1.17790	0.04758	0.02088
Calcium, Misc		019.99	6	1.08480	0.06570	0.04657	6	1.08480	0.06570	0.04657
Method Group 019.XX PCT			152	1.15735	0.06160	0.02747	139	1.15692	0.06005	0.02040
Chromium, AA		020.00	2	1.97750	0.02630	0.00500	2	1.97750	0.02630	0.00500
Chromium, ICP		020.01	10	2.81578	1.13304	0.35305	10	2.81578	1.13304	0.35305
Chromium, Misc		020.99	2	3.21500	0.18699	0.12000	2	3.21500	0.18699	0.12000
Method Group 020.XX PPM			14	2.75305	1.01538	0.27004	14	2.75305	1.01538	0.27004
Cobalt, AA	968.08	021.01	3	1.55000	0.47219	0.09933	3	1.55000	0.47219	0.09933
Cobalt, ICP		021.02	15	1.19335	0.22475	0.08603	15	1.19335	0.22475	0.08603
Cobalt, Misc.		021.99	1	0.97700	0.00849	0.01200	1	0.97700	0.00849	0.01200
Method Group 021.XX PPM			19	1.23828	0.30134	0.08424	19	1.23828	0.30134	0.08424
Copper, AA	968.08	022.01	22	21.1230	1.67800	0.83136	20	20.9953	1.51352	0.45450
Copper, ICP, Dry Ash	968.08	022.03	29	20.6871	1.73639	0.66931	28	20.5848	1.65822	0.59679
Copper, ICP, Wet Ash	968.08	022.05	33	20.6732	2.15198	1.10273	32	20.5380	2.00952	1.01219
Copper, Misc		022.99	5	18.9728	1.41198	2.27540	5	18.9728	1.41198	2.27540
Method Group 022.XX PPM			89	20.6934	1.91581	0.96030	85	20.5689	1.79701	0.81844
Fluorine, Ion Sel Elect	975.08	023.01	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Iron, AA	968.08	025.01	21	316.270	23.7379	10.4762	20	317.858	21.5852	7.25000
Iron, ICP, Dry Ash	968.08	025.03	33	304.564	18.6760	9.06970	31	303.988	17.4180	6.62258
Iron, ICP, Wet Ash	968.08	025.05	31	297.285	26.7480	13.6442	31	297.285	26.7480	13.6442
Iron, Misc		025.99	2	302.150	5.37891	2.99115	2	302.150	5.37891	2.99115
Method Group 025.XX PPM			87	304.740	23.8688	10.8995	84	304.773	23.3174	9.27681
Lead,		026.00	2	0.26000	0.16171	0.00500	2	0.26000	0.16171	0.00500
Lead, Misc		026.99	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Method Group 026.XX PPM			3	0.17333	0.18362	0.00333	3	0.17333	0.18362	0.00333
Magnesium, AA	968.08	027.01	23	0.34125	0.01509	0.00661	23	0.34125	0.01509	0.00661
Magnesium, ICP, Dry Ash	968.08	027.03	32	0.35094	0.01435	0.00719	31	0.35081	0.01431	0.00646

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Magnesium, ICP, Wet Ash	968.08	027.05	31	0.33966	0.01634	0.00972	30	0.34032	0.01578	0.00871
Magnesium, Misc.		027.99	2	0.34179	0.01273	0.01288	2	0.34179	0.01273	0.01288
Method Group 027.XX PCT			88	0.34423	0.01597	0.00806	86	0.34438	0.01566	0.00743
Manganese, AA	968.08	028.01	24	141.338	9.83844	5.51417	23	141.787	9.52695	4.79739
Manganese, ICP, Dry Ash	968.08	028.03	31	138.839	7.78517	2.76952	30	138.633	7.77729	2.52850
Manganese, ICP, Wet Ash	968.08	028.05	35	142.839	8.54287	5.94146	34	142.985	8.20960	5.21562
Manganese, Misc.		028.99	3	129.882	11.3645	3.39117	3	129.882	11.3645	3.39117
Method Group 028.XX PPM			93	140.700	9.05976	4.69161	90	140.792	8.90074	4.15222
Mercury,		029.00	1	0.02900	0.00566	0.00800	1	0.02900	0.00566	0.00800
Phosphorus, Vol	964.06	031.00	1	0.64005	0.00375	0.00530	1	0.64005	0.00375	0.00530
Phosphorus, Photometric	965.17	031.01	53	0.68008	0.03171	0.01142	50	0.68249	0.02946	0.00850
Phosphorus, GQMP (2.028)	964.06	031.02	3	0.68308	0.00537	0.00680	3	0.68308	0.00537	0.00680
Phosphorus, Autoanalyzer		031.03	8	0.69884	0.03125	0.02975	7	0.70010	0.02364	0.01686
Phosphorus, ICP		031.05	74	0.68361	0.03821	0.01461	69	0.68398	0.03767	0.01073
Phosphorus, Hach Method		031.06	3	0.71833	0.04215	0.01000	3	0.71833	0.04215	0.01000
Phosphorus, Misc		031.99	10	0.65646	0.03237	0.02096	9	0.65051	0.02466	0.01440
Method Group 031.XX PCT			152	0.68178	0.03604	0.01440	142	0.68252	0.03473	0.01034
Potassium, AA	975.03	032.01	24	1.16348	0.07338	0.01629	22	1.17016	0.07200	0.01050
Potassium, Flame Emission	956.01	032.02	7	1.20421	0.05237	0.02814	7	1.20421	0.05237	0.02814
Potassium, Em Spect	953.01	032.04	1	1.14000	0.01414	0.02000	1	1.14000	0.01414	0.02000
Potassium, ICP		032.05	61	1.15134	0.05552	0.02827	59	1.15232	0.05429	0.02397
Potassium, Misc		032.99	3	1.10694	0.09964	0.02537	3	1.10694	0.09964	0.02537
Method Group 032.XX PCT			96	1.15673	0.06326	0.02509	92	1.15892	0.06227	0.02107
Salt, Sol Cl	943.01	033.00	23	1.30504	0.06584	0.02189	21	1.29528	0.05424	0.01778
Salt, Poten Cl	969.10	033.01	28	1.32452	0.03281	0.01094	27	1.32450	0.03307	0.00949
Salt, Quantab		033.03	5	1.18850	0.13082	0.04580	7	1.12393	0.15675	0.06271
Salt, Misc		033.99	10	1.31600	0.09970	0.02400	10	1.31600	0.09970	0.02400
Method Group 033.XX PCT			66	1.30614	0.07599	0.01937	63	1.30262	0.07394	0.01744
Selenium, Fluor	969.06	034.01	3	0.52967	0.01299	0.00733	3	0.52967	0.01299	0.00733
Selenium, AA, Hydride		034.04	6	0.58292	0.07842	0.01550	6	0.58292	0.07842	0.01550
Selenium, ICP		034.05	7	0.56093	0.24373	0.06386	7	0.56093	0.24373	0.06386
Selenium, Misc		034.99	5	0.54592	0.06598	0.03872	5	0.54592	0.06598	0.03872
Method Group 034.XX PPM			21	0.55917	0.14764	0.03598	21	0.55917	0.14764	0.03598
Sodium, AA		035.00	23	0.28032	0.02720	0.00792	22	0.27828	0.02582	0.00691
Sodium, Ion Sel Electrode		035.01	3	0.29468	0.01297	0.00630	3	0.29468	0.01297	0.00630
Sodium, Em Spect	953.01	035.02	1	0.23500	0.00707	0.01000	1	0.23500	0.00707	0.01000
Sodium, ICP		035.03	62	0.26914	0.01987	0.00998	58	0.26814	0.01855	0.00842
Sodium, Flame Emission	956.01	035.05	11	0.27661	0.01721	0.00604	11	0.27661	0.01721	0.00604
Sodium, Misc		035.99	3	0.29574	0.04671	0.00902	3	0.29574	0.04671	0.00902

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Method Group 035.XX PCT			103	0.27362	0.02350	0.00897	98	0.27269	0.02257	0.00778
Sulfur, (Gravimetric)		036.00	1	0.24000	0.00000	0.00000	1	0.24000	0.00000	0.00000
Sulfur, ICP		036.03	26	0.23803	0.02285	0.00765	26	0.23803	0.02285	0.00765
Sulfur, LECO		036.04	1	0.25000	0.00000	0.00000	1	0.25000	0.00000	0.00000
Method Group 036.XX PCT			28	0.23853	0.02212	0.00711	28	0.23853	0.02212	0.00711
Zinc, AA	968.08	037.01	22	237.852	15.9187	7.56091	21	238.845	15.2966	6.58762
Zinc, ICP, Dry Ash	968.08	037.03	33	230.299	15.1816	5.95591	32	230.105	14.8481	4.73578
Zinc, ICP, Wet Ash	968.08	037.05	32	231.992	15.6434	9.48994	29	231.463	14.4014	7.09924
Zinc, Misc		037.99	4	234.791	8.95288	9.50585	4	234.791	8.95288	9.50585
Method Group 037.XX PPM			91	232.918	15.4960	7.74271	86	232.915	14.9068	6.20682
Molybdenum, ICP		038.00	11	1.55227	0.32108	0.13000	10	1.54300	0.32655	0.09400
Molybdenum, Misc		038.99	1	1.80000	0.14142	0.20000	1	1.80000	0.14142	0.20000
Method Group 038.XX PPM			12	1.57292	0.31606	0.13583	11	1.56636	0.32117	0.10364
Nickel, AA		039.01	1	1.90000	0.00000	0.00000	1	1.90000	0.00000	0.00000
Nickel, ICP		039.02	5	2.50490	0.26662	0.27880	5	2.50490	0.26662	0.27880
Method Group 039.XX PPM			6	2.40408	0.33705	0.23233	6	2.40408	0.33705	0.23233
Barium, ICP		040.00	2	13.8423	0.56602	0.54250	2	13.8423	0.56602	0.54250
Method Group 040.XX PPM			2	13.8423	0.56602	0.54250	2	13.8423	0.56602	0.54250
Vanadium, ICP		041.00	1	0.17500	0.01414	0.02000	1	0.17500	0.01414	0.02000
Amprolium, HPLC		045.02	1	0.01330	0.00000	0.00000	1	0.01330	0.00000	0.00000
Decoquinate, HPLC		054.01	11	5.80314	0.57365	0.16682	11	5.80314	0.57365	0.16682
Decoquinate, Misc		054.99	1	5.45000	0.21213	0.30000	1	5.45000	0.21213	0.30000
Method Group 054.XX MG/LB			12	5.77371	0.55889	0.17792	12	5.77371	0.55889	0.17792
Monensin, HPLC	997.04	065.03	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Salinomycin, HPLC		079.01	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Narasin,		091.00	1	0.00000	0.00000	0.00000	1	0.00000	0.00000	0.00000
Riboflavin, Fluorometric	970.65	104.00	1	3.55000	0.21213	0.30000	1	3.55000	0.21213	0.30000
Thiamine, HPLC		105.00	1	1.83500	0.16263	0.23000	1	1.83500	0.16263	0.23000
Vitamin A, Color	974.29	106.00	1	5.80000	0.28284	0.40000	1	5.80000	0.28284	0.40000
Vitamin A, HPLC		106.02	22	5.35900	0.99628	0.68864	21	5.33157	0.88338	0.50857
Method Group 106.XX KU/LB			23	5.37817	0.97903	0.67609	22	5.35286	0.86929	0.50364
Vitamin D3, HPLC	982.29	108.01	1	164.000	22.6274	32.0000	1	164.000	22.6274	32.0000
Vitamin D3, HPLC		108.02	2	2.09750	1.33157	0.06500	2	2.09750	1.33157	0.06500
Method Group 108.XX KU/LB			3	56.0650	84.2226	10.7100	3	56.0650	84.2226	10.7100
Vitamin E, HPLC		109.02	10	63.9512	12.3231	2.21095	10	63.9512	12.3231	2.21095
Vitamin E, Misc		109.99	2	45.0000	20.9444	4.00000	2	45.0000	20.9444	4.00000
Method Group 109.XX MG/KG			12	60.7927	15.3205	2.50913	12	60.7927	15.3205	2.50913
Alanine, Post-col Ninhydrin Der	994.12	120.00	11	0.72036	0.02221	0.01109	10	0.72125	0.02227	0.00830
Alanine, Pre-col AQC Der		120.05	2	0.69125	0.02524	0.02650	2	0.69125	0.02524	0.02650

Method	AOAC 18th	Method Code	- Pass 1 Results for 220 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 220 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Method Group 120.XX PCT			13	0.71588	0.02461	0.01346	12	0.71625	0.02496	0.01133
Arginine, Post-col Ninhydrin Der	994.12	121.00	11	0.81559	0.03517	0.01445	11	0.81559	0.03517	0.01445
Arginine, Pre-col AQC Der		121.05	2	0.84400	0.05881	0.06400	2	0.84400	0.05881	0.06400
Method Group 121.XX PCT			13	0.81996	0.03954	0.02208	13	0.81996	0.03954	0.02208
Aspartic, Post-col Ninhydrin Der	994.12	122.00	12	1.12080	0.03814	0.02507	11	1.12277	0.03434	0.01609
Aspartic, Pre-col AQC Der		122.05	1	1.19500	0.02121	0.03000	1	1.19500	0.02121	0.03000
Method Group 122.XX PCT			13	1.12651	0.04199	0.02545	12	1.12879	0.03889	0.01725
Cysteine/Cystine, PAO Post-col Ninhydri	994.12	124.00	9	0.27139	0.01418	0.00500	8	0.27406	0.01208	0.00312
Cysteine/Cystine, PAO Post-col OPA Der		124.02	1	0.26000	0.00000	0.00000	1	0.26000	0.00000	0.00000
Cysteine/Cystine, PAO Pre-col AQC Der .		124.05	1	0.27500	0.00707	0.01000	1	0.27500	0.00707	0.01000
Method Group 124.XX PCT			11	0.27068	0.01335	0.00500	10	0.27275	0.01170	0.00350
Glutamic, Post-col Ninhydrin Der	994.12	125.00	11	2.38793	0.07936	0.02103	10	2.39345	0.07915	0.01170
Glutamic, Pre-col AQC Der		125.05	2	2.21500	0.09983	0.13000	2	2.21500	0.09983	0.13000
Method Group 125.XX PCT			13	2.36133	0.10264	0.03779	12	2.36371	0.10531	0.03142
Glycine, Post-col Ninhydrin Der	994.12	126.00	11	0.76877	0.01823	0.01045	10	0.77065	0.01687	0.00750
Glycine, Pre-col AQC Der		126.05	2	0.78900	0.03484	0.04700	2	0.78900	0.03484	0.04700
Method Group 126.XX PCT			13	0.77188	0.02192	0.01608	12	0.77371	0.02103	0.01408
Histidine, Post-col Ninhydrin Der	994.12	127.00	12	0.37280	0.02239	0.01213	12	0.37280	0.02239	0.01213
Histidine, Pre-col AQC Der		127.05	2	0.37225	0.02417	0.02750	2	0.37225	0.02417	0.02750
Method Group 127.XX PCT			14	0.37272	0.02218	0.01433	14	0.37272	0.02218	0.01433
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	12	0.47208	0.01762	0.01463	11	0.47182	0.01559	0.01018
Isoleucine, Pre-col AQC Der		128.05	1	0.48500	0.00707	0.01000	1	0.48500	0.00707	0.01000
Method Group 128.XX PCT			13	0.47307	0.01732	0.01427	12	0.47292	0.01543	0.01017
Leucine, Post-col Ninhydrin Der	994.12	129.00	12	0.97958	0.03001	0.01902	11	0.97941	0.02741	0.01173
Leucine, Pre-col AQC Der		129.05	1	0.97000	0.00000	0.00000	1	0.97000	0.00000	0.00000
Method Group 129.XX PCT			13	0.97885	0.02890	0.01755	12	0.97863	0.02633	0.01075
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	11	0.63059	0.03240	0.01155	11	0.63059	0.03240	0.01155
L-Lysine, Pre-col AQC Der		130.05	3	0.61100	0.03131	0.02333	3	0.61100	0.03131	0.02333
Method Group 130.XX PCT			14	0.62639	0.03264	0.01407	14	0.62639	0.03264	0.01407
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	11	0.19041	0.01754	0.01046	10	0.19025	0.01398	0.00410
Methionine, PAO Post-col OPA Der		131.02	1	0.20000	0.00000	0.00000	1	0.20000	0.00000	0.00000
Methionine, PAO Pre-col AQC Der		131.05	1	0.20000	0.00000	0.00000	1	0.20000	0.00000	0.00000
Method Group 131.XX PCT			13	0.19189	0.01646	0.00885	12	0.19188	0.01323	0.00342
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	12	0.56266	0.04440	0.01107	11	0.56700	0.04317	0.00754
Phenylalanine, Pre-col AQC Der		132.05	2	0.59200	0.04007	0.01900	2	0.59200	0.04007	0.01900
Method Group 132.XX PCT			14	0.56685	0.04435	0.01221	13	0.57084	0.04293	0.00930
Proline, Post-col Ninhydrin Der	994.12	133.00	11	0.88293	0.05788	0.01869	11	0.88293	0.05788	0.01869
Proline, Pre-col AQC Der		133.05	2	0.88400	0.14422	0.11300	2	0.88400	0.14422	0.11300
Method Group 133.XX PCT			13	0.88309	0.07287	0.03320	13	0.88309	0.07287	0.03320

Method	AOAC 18th	Method Code	- Pass 1 Results for 220 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	- Pass 2 Results for 220 Labs - No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Serine, Post-col Ninhydrin Der	994.12	134.00	11	0.65450	0.03575	0.01408	10	0.64740	0.02652	0.00860
Serine, Pre-col AQC Der		134.05	2	0.69500	0.04200	0.01400	2	0.69500	0.04200	0.01400
Method Group 134.XX PCT			13	0.66073	0.03882	0.01407	12	0.65533	0.03375	0.00950
Threonine, Post-col Ninhydrin Der	994.12	135.00	11	0.49041	0.01925	0.00809	10	0.49245	0.01786	0.00490
Threonine, Pre-col AQC Der		135.05	3	0.49833	0.02189	0.01267	3	0.49833	0.02189	0.01267
Method Group 135.XX PCT			14	0.49211	0.01969	0.00907	13	0.49381	0.01857	0.00669
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	1	0.20000	0.00566	0.00800	1	0.20000	0.00566	0.00800
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	5	0.18740	0.01199	0.00080	4	0.18375	0.01038	0.00000
Tryptophan, Alka Hydrol+IS Rev Phase LC		136.03	1	0.16800	0.00141	0.00200	1	0.16800	0.00141	0.00200
Method Group 136.XX PCT			7	0.18643	0.01355	0.00200	6	0.18383	0.01283	0.00167
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	6	0.43442	0.02828	0.01050	6	0.43442	0.02828	0.01050
Tyrosine, Pre-col AQC Der		137.05	1	0.36500	0.00707	0.01000	1	0.36500	0.00707	0.01000
Method Group 137.XX PCT			7	0.42450	0.03628	0.01043	7	0.42450	0.03628	0.01043
Valine, Post-col Ninhydrin Der	994.12	138.00	12	0.63520	0.03724	0.00914	10	0.62644	0.03245	0.00397
Valine, Pre-col AQC Der		138.05	2	0.60725	0.05487	0.04550	2	0.60725	0.05487	0.04550
Method Group 138.XX PCT			14	0.63121	0.04019	0.01434	12	0.62325	0.03627	0.01089
Taurine, Post-col Ninhydrin Der	994.12	139.00	1	0.05000	0.01414	0.02000	1	0.05000	0.01414	0.02000

AAFCO - Feed Check Sample No. - 201021 Sheep and Goad Feed, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 000.01	--
278	1.4000	.00
--	Method 001.00	--
001	10.535	1.43
509	10.230 R	.91
504	10.270	.82
783	10.270	.67
844	10.260	.61
183	10.130	.23
169	10.105	.17
Avg	10.054	
309	9.7600	-.87
861	9.6600	-1.17
029	9.4950	-1.66
560	9.0300 s	-3.87
732	8.4400 S	-4.79
--	Method 001.03	--
868	10.200	.87
867	10.075	.62
567	9.9500	.39
688	9.9000	.27
Avg	9.7617	
686	9.7050	-.16
727	8.7400	-2.03
--	Method 001.05	--
610	9.9050	.71
--	Method 001.07	--
142	11.200 s	4.34
307	10.450 R	2.25
178	10.500	2.22
366	10.350	1.73
559	10.165	1.10
045	10.000 R	1.10
345	10.150	1.06
199	10.130	.99
098	10.100	.90

Lab	Average*	Index
--	Method 001.07	--
049	10.085	.85
607	10.051	.75
845	9.8500 R	.72
187	10.025	.66
689	10.000	.59
669	9.9950	.58
089	9.9900	.56
693	9.9700	.54
843	9.9350	.52
139	9.9450	.42
849	9.9400	.41
592	9.9400	.40
588	9.8700	.20
616	9.8200	.13
Avg	9.8098	
679	9.8000	-.03
695	9.8050	-.05
035	9.7700	-.13
083	9.8000	-.16
675	9.7500	-.19
065	9.6770	-.41
571	9.6250	-.58
353	9.5950	-.66
591	9.5850	-.71
015	9.5400	-.83
581	9.4750	-1.05
074	9.4500	-1.19
413	9.4500 R	-1.35
038	9.3550	-1.48
297	9.3250	-1.51
278	9.3150	-1.53
177	9.2250	-1.81
609	9.1000	-2.19
004	7.9550 s	-5.73
--	Method 001.08	--
590	9.9250	-.71

Lab	Average*	Index
--	Method 001.99	--
405	10.820	1.91
510	10.550	1.32
681	10.535	1.29
096	10.450	1.10
629	10.200	.59
505	10.195	.53
638	10.120	.37
615	9.9850	.24
037	9.9950	.23
656	10.050	.22
Avg	9.9539	
630	9.9000	-.18
676	9.7845	-.42
786	9.7300	-.50
619	9.7000	-.56
631	9.6250	-.73
357	9.5550	-.88
853	9.5150	-.99
729	9.4950	-1.02
720	9.1700 R	-1.78
541	8.9200	-2.28
536	8.1050 s	-4.08
--	Method 002.00	--
015	15.755	1.25
028	15.650	.97
199	15.665	.81
845	15.585	.42
Avg	15.483	
869	15.330	-.61
826	15.250	-1.01
679	15.145	-1.33
864	14.600 s	-3.81
--	Method 002.01	--
607	15.855 s	6.58
043	15.470	1.11
098	15.450	1.04
870	15.390 R	.85

Lab	Average*	Index
--	Method 002.01	--
716	15.400	.43
652	15.400	.43
723	15.395	.38
Avg	15.356	
350	15.308	-.48
685	15.265	-.90
860	15.160	-1.91
848	14.645 s	-6.94
--	Method 002.02	--
669	15.550	1.58
036	15.442	1.16
152	15.250	.47
297	15.200	.39
Avg	15.136	
042	15.090	-.18
169	15.135	-.29
033	14.905	-.89
043	14.900	-.94
307	14.750	-1.57
--	Method 002.03	--
536	15.380	.71
--	Method 002.04	--
509	16.450	1.73
187	16.020	.71
Avg	15.761	
405	15.685	-.29
504	15.600	-.54
638	15.435	-.83
868	15.375	-.97
728	14.365 S	-3.53
--	Method 002.05	--
665	17.235 s	11.98
852	16.650 s	8.41
194	16.065 A	4.91
658	15.490 R	1.84

Lab	Average*	Index
--	Method 002.05	--
855	15.500	1.55
622	15.468	1.35
596	15.450	1.27
179	15.425	1.17
178	15.350 R	1.10
083	15.425	1.09
591	15.275	.21
849	15.260	.10
Avg	15.244	
177	15.170	-.50
625	15.135	-.65
552	15.135	-.67
354	15.125	-.71
621	15.100	-.86
620	15.086	-.96
722	15.052	-1.15
689	15.050	-1.20
--	Method 002.06	--
018	16.550 s	3.18
782	16.370 s	2.86
511	16.285	2.30
001	16.285	2.29
646	16.290	2.29
749	16.265	2.20
035	16.155	1.83
866	16.150	1.82
616	16.090	1.63
229	16.090	1.61
554	16.050	1.56
626	16.055	1.51
425	16.000	1.31
233	15.990	1.28
825	15.950	1.15
737	15.950	1.14
037	15.935	1.09
740	15.925	1.06
047	15.925	1.05
574	15.905	1.03

* 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. - 201021 Sheep and Goad Feed, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 002.06 --		--	Method 002.06 --		--	Method 002.06 --		--	Method 002.08 --		--	Method 002.99 --	
682	15.915	1.02	732	15.670	.19	571	15.460	-.56	208	16.450	1.73	305	15.945	1.04
810	15.895	.98	164	15.660	.19	036	15.445	-.59	610	15.500	.06	643	15.860	.83
673	15.900	.97	144	15.645	.18	790	15.440	-.59	Avg	15.467		008	15.840	.73
510	15.850	.82	148	15.630	.18	010	15.460	-.60	062	15.387	-.25	Avg	15.592	
278	15.850	.82	004	15.650	.16	033	15.420	-.66	309	14.995	-.84	536	15.430	-.48
508	15.734	.79	407	15.640	.11	687	15.405	-.71	563	15.004	-.85	681	15.435	-.48
520	15.830	.77	179	15.620	.10	656	15.395	-.76				588	15.040	-1.65
049	15.765	.76	Avg	15.614		039	15.379	-.80	--	Method 002.10 --				
413	15.800	.71	098	15.600	-.05	676	15.494 R	-.81	867	16.025 s	3.04	--	Method 003.00 --	
171	15.800	.71	692	15.600	-.05	042	15.375	-.84	631	15.660	1.53	307	4.7000 s	3.63
265	15.750	.69	202	15.590	-.11	175	15.350	-.91	629	15.655	1.41	563	4.2606	1.90
590	15.750	.69	019	15.570	-.15	051	15.390	-.91	861	15.460	.27	142	4.2000 R	1.82
859	15.795	.68	615	15.570	-.16	358	15.350	-.93	Avg	15.408		354	4.2000	1.70
190	15.810	.67	074	15.600	-.24	686	15.340	-.93	613	15.390	-.13	179	4.1600	1.56
142	15.800	.63	366	15.550	-.28	797	15.345	-.99	619	15.350	-.38	353	3.9200 R	1.31
853	15.790	.62	610	15.550	-.28	205	15.330	-1.03	675	15.325	-.41	848	3.8650	.56
766	15.790	.61	298	15.530	-.29	695	15.305	-1.05	688	15.300	-.53	039	3.8595	.54
160	15.740	.59	357	15.530	-.30	045	15.300	-1.06	160	15.128	-1.58	139	3.8450	.50
043	15.680	.59	868	15.540	-.32	512	15.300	-1.09	729	14.960 s	-2.81	726	3.8435	.49
006	15.785	.58	504	15.525	-.32	106	15.270	-1.17	727	15.025 s	-2.82	152	3.8000	.34
609	15.775	.58	726	15.517	-.33	567	15.550 R	-1.21				032	3.7150	.06
822	15.735	.52	505	15.525	-.34	100	15.230	-1.34	--	Method 002.11 --		Avg	3.6980	
029	15.760	.49	353	15.520	-.36	647	15.235	-1.35	032	16.445	1.89	512	3.6555	-.15
598	15.715	.49	816	15.500	-.39	003	15.315 R	-1.35	720	16.130	1.35	194	3.6550	-.15
592	15.750	.49	619	15.500	-.39	559	15.180	-1.48	011	15.800	.80	190	3.6650	-.22
199	15.740	.49	650	15.570	-.40	760	15.160	-1.54	713	15.760	.71	175	3.6200	-.30
065	15.742	.44	589	15.505	-.41	242	15.130	-1.64	867	15.585	.41	596	3.6100	-.30
786	15.665	.43	417	15.580	-.42	168	15.120	-1.68	679	15.360	.04	615	3.5650	-.45
712	15.735	.42	027	15.595	-.43	011	15.115	-1.69	Avg	15.348		035	3.5050	-.66
573	15.720	.37	529	15.600	-.48	119	15.100	-1.76	178	15.300	-.19	345	3.4500	-.85
345	15.715	.36	843	15.475	-.49	775	15.090	-1.78	688	15.300	-.19	509	3.3150	-1.29
630	15.670	.36	089	15.470	-.49	539	15.080	-1.81	631	15.140	-.36	015	3.3600 R	-1.48
026	15.700	.29	354	15.470	-.49	660	15.080	-1.81	588	14.805	-.94	616	3.2350	-1.56
016	15.700	.29	021	15.480	-.50	014	15.100 R	-2.02	727	14.765	-1.01	309	3.1350	-1.90
783	15.685	.27	693	15.535	-.50	541	15.000 R	-2.33	553	14.640	-1.23			
588	15.670	.25	096	15.465	-.52	720	14.840	-2.64	567	14.500	-1.46	--	Method 003.01 --	
226	15.650	.21	013	15.480	-.53	139	14.725	-3.01				504	3.5500	.71
038	15.650	.21	108	15.580	-.55	294	14.185 s	-4.84						
034	15.675	.21	009	15.450	-.56									

* 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. - 201021 Sheep and Goad Feed, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 003.06	--
647	4.2750 s	5.06
869	4.4700 s	3.33
164	3.9300	1.61
852	3.8250	1.27
003	3.4900 R	1.11
688	3.7000	.87
682	3.6850	.82
511	3.6150	.60
588	3.6050	.57
669	3.5950	.56
199	3.5950	.53
552	3.5000	.53
867	3.5800	.49
074	3.5450	.42
083	3.5500	.40
689	3.5000	.39
148	3.5300	.32
009	3.4750	.15
Avg	3.4293	
297	3.4150	-.09
425	3.3700	-.19
559	3.3850	-.20
305	3.3850	-.23
169	3.3350	-.31
229	3.2250	-.66
294	3.1500	-.91
625	2.8400	-1.89
870	2.7614	-2.20
574	2.6350	-2.57
621	2.4800 s	-3.04
--	Method 003.09	--
722	4.4890 s	4.81
656	4.1350 R	2.95
651	3.9675	1.98
620	3.9295	1.77
510	3.8500	1.36
029	3.8350	1.25
350	3.7875	1.00

Lab	Average*	Index
--	Method 003.09	--
673	3.7500	.84
849	3.7100	.60
354	3.6950	.58
638	3.7000	.52
685	3.6800	.47
004	3.6850	.44
675	3.6150	.06
Avg	3.6044	
098	3.5850	-.11
038	3.5700	-.19
033	3.5250	-.44
508	3.5593	-.45
723	3.5050	-.54
001	3.5050	-.55
590	3.5500	-.62
027	3.4500	-.86
013	3.4500	-.87
505	3.4200	-1.04
183	3.3700	-1.28
860	3.3600	-1.33
226	3.3500	-1.41
358	3.3100	-1.60
554	3.1950 R	-2.34
--	Method 003.10	--
623	3.8532 s	4.14
607	3.5317	1.60
613	3.5050	1.41
676	3.4930	1.33
298	3.4700	1.15
520	3.4400	.96
045	3.3250 R	.91
573	3.4315	.88
629	3.4150	.75
233	3.4000	.65
119	3.3900	.57
034	3.3900	.57
062	3.3825	.52
178	3.3500	.46

Lab	Average*	Index
--	Method 003.10	--
689	3.3500	.46
208	3.3500	.32
728	3.3500	.28
Avg	3.3108	
366	3.3000	-.08
695	3.2950	-.28
679	3.2700	-.33
693	3.2650	-.38
100	3.2600	-.43
042	3.3100	-.43
098	3.3100	-.58
868	3.2100	-.81
619	3.2050	-.90
089	3.1800	-.95
202	3.1700	-1.11
051	3.1650	-1.13
855	3.1700 R	-1.29
242	3.1200	-1.38
591	3.0500	-1.89
720	2.9650	-2.50
609	2.3550 s	-6.95
--	Method 003.11	--
727	4.0000	1.57
679	3.9100	1.22
178	3.8500	1.01
665	3.8250	.89
631	3.6900	.38
588	3.6450	.22
032	3.6250	.16
Avg	3.5897	
713	3.5850	-.06
867	3.5450	-.17
688	3.5500	-.24
567	3.5000	-.34
011	3.5000	-.34
297	3.4100	-.71
720	3.2850	-1.16
868	2.9250	-2.52

Lab	Average*	Index
--	Method 003.12	--
864	3.8059	.88
Avg	3.5029	
357	3.2000	-.85
--	Method 003.13	--
646	4.0250	1.80
011	3.5850 R	1.62
205	3.4385	.44
187	3.4200	.08
Avg	3.3931	
028	3.3750	-.05
660	3.1400	-.72
553	2.9600	-1.24
--	Method 003.14	--
413	3.7500	2.06
049	3.6400	1.44
019	3.6300	1.14
529	3.6350	1.11
853	3.4850	.50
108	3.5200	.41
Avg	3.4588	
144	3.4250	-.26
598	3.4500	-.38
407	3.3800	-.50
581	3.4400	-.64
021	3.3650	-.68
686	3.3500	-.73
567	3.3500	-.75
278	3.3000	-1.00
265	3.3500	-1.17
175	3.2700	-1.19
--	Method 003.99	--
681	4.4200	1.60
065	4.2082	1.16
588	4.1100	.96
727	3.7900 R	.80
737	3.7950	.32

Lab	Average*	Index
--	Method 003.99	--
630	3.7650	.26
631	3.7500	.23
Avg	3.6389	
536	3.5350	-.21
861	3.3300	-.63
047	3.3150	-.66
786	2.9300	-1.45
712	2.8700	-1.57
--	Method 004.00	--
647	16.355 s	4.15
015	15.600	2.45
345	15.300	2.01
226	14.900	1.40
563	14.651	1.02
596	14.650	1.01
559	14.480 R	.88
354	14.470	.74
695	14.330	.53
425	14.250	.41
171	14.140	.36
510	14.100	.35
208	14.150	.27
298	14.050	.11
Avg	13.980	
855	13.950	-.05
190	13.915	-.13
039	13.875	-.16
504	13.805	-.30
164	13.800	-.31
175	13.750	-.36
034	13.700	-.42
309	13.625	-.56
511	13.850 R	-.56
169	13.435	-.82
509	13.410	-.86
009	13.370	-.93
199	13.250	-1.10
194	13.095	-1.33

* 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. - 201021 Sheep and Goad Feed, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 004.00	--
726	13.096	-1.34
353	12.795	-1.79
681	11.065 s	-4.40
--	Method 004.01	--
693	15.705	.71
Avg	15.303	
366	14.900	-1.00
--	Method 004.03	--
626	17.265 S	16.86
045	14.150	.48
Avg	14.075	
619	14.000	-1.13
--	Method 004.06	--
728	17.030 S	2.87
609	16.980	2.78
716	15.750	1.45
591	15.650 R	1.43
613	15.720	1.41
621	15.545	1.22
845	15.320	1.00
676	15.259	.91
038	15.140	.78
685	15.050	.68
512	14.815 R	.64
588	14.960	.58
354	14.935	.56
866	14.760	.38
723	14.755	.37
722	14.426	.21
675	14.495	.08
720	14.465	.06
350	14.437	.02
Avg	14.425	
689	14.300	-.14
673	14.200	-.24
178	14.200	-.27

Lab	Average*	Index
--	Method 004.06	--
869	14.160	-.29
027	14.129	-.34
638	14.000	-.47
656	14.040	-.49
610	13.850	-.63
098	13.800	-.69
688	13.800	-.69
620	13.772	-.72
590	13.820 R	-.78
848	13.535	-.97
205	13.350	-1.17
868	13.165	-1.37
860	12.785	-1.78
867	12.510	-2.08
552	4.6700 s	-10.60
--	Method 004.07	--
035	17.775 s	4.36
033	16.050	2.36
300	15.650	1.90
864	15.600	1.87
144	15.485	1.71
631	15.140	1.31
089	14.950	1.08
021	14.880	1.00
407	14.760	.86
679	14.750	.85
160	14.134 R	.73
074	14.605	.68
096	14.350 R	.65
229	14.525	.61
592	14.520	.60
682	14.250 R	.59
529	14.480	.54
265	14.450	.53
581	14.345	.44
610	14.250	.27
870	14.205	.26
536	14.135	.20

Lab	Average*	Index
--	Method 004.07	--
Avg	14.019	
686	13.950	-.08
028	13.900	-.14
554	13.900	-.18
849	13.850	-.20
505	13.860	-.21
026	13.810	-.25
643	13.705	-.37
567	13.700	-.37
004	13.685	-.40
042	13.985	-.40
520	13.545	-.55
098	13.905 R	-.59
307	13.500	-.60
708	13.460	-.66
242	13.460	-.73
013	13.335	-.79
278	13.300	-.84
413	13.250	-.90
003	13.120	-1.04
553	13.000	-1.19
202	12.945	-1.26
019	12.850	-1.36
100	12.815	-1.40
183	12.750	-1.47
294	12.335	-1.96
--	Method 004.11	--
011	13.950	1.31
665	13.915	1.26
178	13.850	1.19
688	13.250	.32
727	13.240	.32
631	13.100	.18
567	13.100	.18
Avg	13.028	
588	12.915	-.16
032	12.905	-.19
713	12.770	-.37

Lab	Average*	Index
--	Method 004.11	--
867	12.580	-.64
679	12.540	-.70
720	11.250	-2.53
868	10.605 s	-3.48
--	Method 004.99	--
008	14.330	1.06
598	13.815	.12
Avg	13.770	
588	13.165	-1.17
--	Method 005.00	--
867	8.0600 A	3.33
852	7.9700	2.96
647	7.5500 R	1.61
868	7.6150	1.53
720	7.6000	1.46
679	7.5950	1.44
345	7.5850	1.41
307	7.5750	1.39
669	7.5650	1.32
695	7.5600	1.29
226	7.5500	1.27
716	7.5500	1.27
592	7.5500	1.26
822	7.5400	1.21
591	7.5200	1.14
615	7.5000	1.12
142	7.5000	1.05
619	7.5000	1.05
357	7.5000	1.05
588	7.4950	1.03
783	7.4750	.96
870	7.4730	.95
504	7.4600	.94
629	7.4650	.91
688	7.4500	.87
297	7.4500	.87
164	7.4550	.86

Lab	Average*	Index
--	Method 005.00	--
062	7.4455	.84
229	7.4400	.80
729	7.4300	.79
869	7.4350	.78
622	7.4330	.78
567	7.3500 R	.75
607	7.4126	.75
676	7.4190	.72
693	7.4150	.72
171	7.4100	.70
766	7.4100	.68
152	7.4000	.64
021	7.3800	.61
643	7.3860	.60
638	7.3900	.60
682	7.3850	.59
590	7.3750	.56
353	7.3500	.55
559	7.3500	.50
849	7.3600	.49
510	7.3600	.49
178	7.3500	.48
413	7.3000	.47
179	7.3500	.47
722	7.3515	.44
045	7.3500	.44
242	7.3450	.42
686	7.3450	.42
505	7.3400	.40
660	7.3150	.40
202	7.3000	.37
187	7.3300	.36
065	7.3190	.35
004	7.3250	.34
029	7.3200	.32
553	7.3200	.32
038	7.2950	.27
651	7.3080	.27
358	7.2750	.26

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 005.00 --	
712	7.3050	.26
300	7.2900	.25
366	7.3000	.24
354	7.2900	.23
848	7.2950	.22
265	7.2500	.21
563	7.2718	.20
035	7.2900	.20
749	7.2900	.20
723	7.2900	.20
740	7.2900	.19
630	7.2800	.17
138	7.2750	.17
305	7.2750	.17
656	7.2800	.15
183	7.2650	.14
631	7.2500	.13
625	7.2700	.12
098	7.2700	.12
298	7.2600	.08
Avg	7.2421	
845	7.2350	-.07
083	7.2250	-.12
350	7.2315	-.13
661	7.1950	-.19
620	7.2025	-.22
034	7.1700	-.29
001	7.1700	-.30
782	7.1650	-.31
407	7.1550	-.38
108	7.1400	-.45
760	7.1250	-.50
026	7.1100	-.54
552	7.1100	-.56
816	7.1000	-.58
148	7.1000	-.59
144	7.0950	-.60
675	7.0850	-.64
199	7.0750	-.69

Lab	Average*	Index
--	Method 005.00 --	
205	7.0505	-.79
520	7.0500	-.80
089	7.0450	-.80
027	7.0430	-.81
539	7.0950 R	-.84
208	7.0400	-.85
100	7.1250 R	-.89
015	7.0050	-.97
689	7.0050	-.99
797	6.9850	-1.05
194	6.9750	-1.09
621	6.9500	-1.19
650	6.9450	-1.21
175	6.9350	-1.26
596	7.0500 R	-1.28
541	6.9200	-1.32
616	6.9000	-1.39
033	6.8950	-1.41
810	6.8800	-1.47
051	6.8700	-1.51
417	6.8700	-1.54
732	6.8600	-1.55
598	6.8600	-1.56
775	6.8600	-1.56
160	6.9700 R	-1.61
309	6.8000	-1.80
139	6.7950	-1.82
853	6.8050	-1.83
294	6.7900	-1.84
119	6.7550	-1.99
049	6.7450	-2.02
425	6.7400	-2.04
855	6.7350	-2.07
623	6.7450 R	-2.13
169	6.6650	-2.34
609	6.5800	-2.69
613	6.4100 s	-3.41

Lab	Average*	Index
--	Method 005.01 --	
646	7.3100	-.71
--	Method 005.02 --	
610	7.3500	.71
--	Method 005.03 --	
665	7.7200	-.71
--	Method 005.11 --	
720	8.7000 S	1.93
727	8.1850 S	.68
868	8.1300	.51
588	8.1050	.45
688	7.9500	.14
867	7.9300	.05
Avg	7.7981	
178	7.8500	-.23
631	7.7850	-.36
679	7.3900	-1.34
713	7.2450	-1.70
--	Method 005.99 --	
652	7.7000	1.18
861	7.5950	.91
728	7.5500	.83
727	7.5500	.79
866	7.5440	.75
574	7.4300	.43
673	7.4000	.34
096	7.3500	.24
278	7.3395	.19
581	7.3350	.19
681	7.2900	.06
Avg	7.2792	
536	7.1250	-.46
008	6.8500	-1.22
826	6.6650	-1.73
588	6.4650	-2.29

Lab	Average*	Index
--	Method 008.02 --	
038	19.200	1.39
226	19.000	1.15
868	18.830	1.01
045	18.550 R	.88
187	18.700	.80
675	18.690	.79
353	18.585	.68
098	18.100	.26
Avg	17.987	
148	17.935	-.06
869	17.920	-.11
619	17.850	-.16
309	17.830	-.30
592	17.570	-.47
179	16.775	-1.36
405	16.470	-1.70
590	16.350	-1.84
035	13.695 s	-4.80
--	Method 008.05 --	
265	18.450	.71
--	Method 008.08 --	
004	19.115	2.04
083	18.435	1.26
354	18.270	1.03
106	18.245	.98
033	18.000	.72
278	17.950	.65
669	17.820	.56
037	17.805	.44
693	17.695	.38
864	17.560	.32
646	17.645	.29
001	17.525	.27
164	17.450	.18
Avg	17.442	
357	17.350	-.13
581	17.395	-.16

Lab	Average*	Index
--	Method 008.08 --	
202	17.425	-.21
358	17.300	-.62
049	17.165	-.68
870	16.876	-.70
413	17.100	-.74
026	16.570	-1.06
294	16.455	-1.21
160	17.105 R	-1.32
510	16.150	-1.59
686	15.305	-2.61
--	Method 008.99 --	
613	19.790	1.23
307	18.600	.39
Avg	18.188	
610	17.900	-.27
297	16.460	-1.33
720	13.980 S	-3.22
--	Method 009.07 --	
307	39.150 s	3.89
045	37.250	1.32
179	37.260	1.07
226	37.100	.88
675	37.065	.78
309	36.655	.63
592	36.585	.54
Avg	36.530	
297	36.520	-.12
098	36.350	-.71
187	35.770	-1.12
353	35.680	-1.24
590	35.600	-1.48
693	36.185 R	-1.76
--	Method 009.09 --	
357	36.150	1.23
160	36.039	1.17
669	35.975	1.09

* 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. - 201021 Sheep and Goad Feed, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 009.09	--
265	35.600	.79
510	35.650	.73
164	35.650	.73
354	35.570	.73
083	35.180	.71
646	35.210	.60
581	35.405	.51
Avg	34.917	
037	34.865	-.08
106	34.840	-.08
870	34.419	-.54
202	34.375	-.55
686	34.215	-.70
049	34.285	-.73
278	34.000	-.92
413	33.800	-1.12
294	32.200	-2.71
--	Method 009.99	--
868	39.795	1.05
613	39.730	1.02
728	37.370	.19
Avg	36.900	
619	36.300	-.22
610	36.300	-.24
720	31.905	-1.79
--	Method 010.03	--
843	9.1950	.91
Avg	9.0900	
027	8.9850	-.82
826	7.7100 S	-9.13
--	Method 010.11	--
713	10.520	1.73
720	10.325	1.20
867	10.105	.59
178	10.000	.40
588	10.005	.35
--	Method 010.11	--
688	10.000	.29
Avg	9.8927	
567	9.8500	-.43
868	9.6650	-.63
631	9.5650	-.90
679	9.5150	-1.03
727	9.2700	-1.71
038	8.6245 s	-3.51
--	Method 010.99	--
305	11.685	2.16
852	11.160	1.42
417	10.865	1.03
008	10.755	.86
652	10.150	.21
716	10.250	.17
869	10.205	.09
Avg	10.140	
673	10.050	-.14
613	10.000	-.19
529	9.8450	-.41
588	9.7800	-.51
168	9.6000	-.80
866	9.5370	-.84
712	9.1800	-1.34
665	9.0400	-1.53
164	8.3650 R	-2.54
--	Method 011.01	--
407	12.120	2.89
108	11.960 R	2.60
643	11.700	1.88
728	11.570	1.55
722	11.513	1.41
559	11.470	1.31
208	11.400	1.16
242	11.405	1.15
737	11.395	1.12
541	11.375	1.09
--	Method 011.01	--
164	11.360	1.04
749	11.330	.97
511	11.320	.94
775	11.260	.83
205	11.263	.81
625	11.260	.79
563	11.240	.78
822	11.245	.76
790	11.215	.68
309	11.205	.66
098	11.200	.65
171	11.105	.60
573	11.162	.58
119	11.165	.57
848	11.165	.57
233	11.155	.54
510	11.150	.54
855	11.150	.53
651	11.135	.53
194	11.140	.50
740	11.120	.46
825	11.050	.31
859	11.054	.30
350	11.052	.29
051	11.035	.26
358	10.995	.20
760	10.990	.18
687	11.005	.17
816	11.000	.16
148	10.960	.10
021	10.940	.03
Avg	10.935	
621	10.925	-.07
265	10.900	-.09
539	10.915	-.10
723	10.870	-.17
138	10.865	-.18
782	10.898	-.19
620	10.880	-.20
--	Method 011.01	--
675	10.860	-.25
100	10.895	-.25
226	10.900	-.26
766	10.815	-.32
870	10.847	-.40
202	10.770	-.40
797	10.915	-.41
622	10.766	-.41
033	10.760	-.43
298	10.710	-.55
553	10.855	-.56
175	10.700	-.57
843	10.685	-.66
062	10.658	-.70
682	10.705	-.72
520	10.780 R	-.76
650	10.610	-.79
591	10.595	-.83
660	10.745 R	-.84
552	10.570	-.89
354	10.555	-.93
598	10.535	-.98
026	10.510	-1.04
623	10.515	-1.05
300	10.575 R	-1.08
810	10.485	-1.10
152	10.450	-1.19
229	10.300	-1.55
160	10.921 R	-1.66
179	10.240	-1.70
144	10.175	-1.87
658	10.115	-2.01
034	10.075	-2.10
596	10.000	-2.28
294	9.7300	-2.94
574	9.6100 s	-3.34
646	8.5100 s	-5.92
--	Method 011.99	--
588	15.010 S	57.44
864	10.545	.71
Avg	10.545	
--	Method 012.00	--
178	17.650 s	2.73
354	17.395 R	2.06
559	16.900	1.17
869	16.835	1.04
567	16.250	.10
Avg	16.214	
716	16.200	-.02
689	15.900	-.54
673	15.200	-1.66
--	Method 012.01	--
096	13.900	1.09
179	14.390	.72
Avg	13.798	
686	13.105	-.89
--	Method 012.02	--
722	17.686	.71
--	Method 012.03	--
098	14.700	.95
Avg	14.435	
297	14.170	-.78
--	Method 012.04	--
106	17.700	1.84
038	15.045	.27
353	14.850	.18
Avg	14.589	
160	13.840	-.44
278	13.500	-.64
510	12.600	-1.18

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

AAFCO - Feed Check Sample No. - 201021 Sheep and Goad Feed, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 012.11 --	
679	21.815	1.30
727	20.780	.90
Avg	18.434	
713	17.470	-.37
178	16.850	-.61
720	15.255	-1.22
--	Method 012.99 --	
619	37.000 S	26.59
567	18.200	.71
Avg	18.200	
--	Method 013.02 --	
843	6.3650	2.85
354	5.7550	1.76
826	5.4650	1.24
676	5.4065	1.16
643	5.3200	.98
650	5.3150	.97
810	5.2950	.95
675	5.1450	.67
100	5.1400	.66
553	4.8000 R	.52
164	5.0000	.41
051	4.9600	.36
682	4.9500	.33
016	4.8900	.28
Avg	4.7732	
861	4.7400	-.07
229	4.7000	-.13
148	4.6600	-.21
760	4.7400	-.26
208	4.6500	-.31
616	4.5550	-.39
797	4.6050	-.45
171	4.5150	-.47
026	4.5200	-.51
853	4.4950	-.52
825	4.4500	-.59
--	Method 013.02 --	
033	4.3750	-.71
855	4.2900	-.87
816	4.3000	-.87
766	4.2300	-.98
790	4.1650	-1.09
740	4.0300	-1.33
749	3.9750	-1.44
775	3.7400	-1.87
--	Method 013.10 --	
843	6.3650 s	4.30
656	5.4200	2.27
160	4.9035	1.21
660	4.8200	1.09
652	4.7000	.76
353	4.5900	.66
504	4.6200	.57
732	4.5650	.44
638	4.4500	.22
716	4.4150	.16
Avg	4.3627	
062	4.3155	-.10
539	4.2150	-.33
673	4.2000	-.35
688	4.0000	-.81
096	4.0550	-.82
177	3.9350	-.92
845	3.9650	-.93
613	3.8100	-1.20
610	3.5500	-1.83
--	Method 013.11 --	
417	4.7450	.93
Avg	3.9475	
866	3.1500	-.80
--	Method 013.12 --	
720	4.2500	.87
Avg	3.9575	
588	3.6650	-.86
--	Method 013.13 --	
581	4.7200	.71
--	Method 013.99 --	
008	6.2500	1.22
Avg	4.7217	
689	4.4000	-.27
588	3.5150	-.97
--	Method 015.00 --	
520	112.50 s	5.28
616	80.250	1.66
560	73.800	1.08
154	73.500	1.05
345	72.850	.98
Avg	61.360	
169	60.800	-.06
011	58.655	-.24
164	55.500	-.52
353	52.375	-.81
021	51.750	-.82
049	49.975	-.97
510	45.500	-1.37
--	Method 016.00 --	
619	0.0375	-.71
--	Method 017.00 --	
353	10.800	2.05
045	9.4950	.72
049	8.8150	.24
Avg	8.8125	
358	8.6550	-.16
345	8.7550	-.20
560	8.4650	-.40
--	Method 017.00 --	
510	7.9850	-.85
693	7.5300	-1.34
--	Method 017.99 --	
307	7.4500	.71
--	Method 018.02 --	
011	0.1125	.94
Avg	0.1105	
021	0.1085	-.78
--	Method 019.00 --	
623	1.5406 s	6.03
647	1.5100 S	5.17
673	1.2500	1.37
679	1.2150	.86
043	1.2100	.84
194	1.1850	.44
849	1.1700	.26
Avg	1.1550	
658	1.1405	-.21
651	1.1345	-.36
620	1.1306	-.36
622	1.1193	-.52
552	1.0900 R	-1.17
681	0.9950	-2.31
621	0.9350 S	-3.15
625	0.9400 S	-3.33
716	0.9000 S	-3.65
--	Method 019.01 --	
646	1.4850 s	5.09
596	1.3500 s	3.13
039	1.2575	1.63
010	1.2450 R	1.60
504	1.2350	1.31
563	1.2225	1.11
619	1.2150	1.06
656	1.2050	.87
--	Method 019.01 --	
868	1.2050	.87
354	1.2050	.84
307	1.1600 R	.77
035	1.2000	.76
013	1.1900	.68
038	1.1850	.66
350	1.1875	.60
139	1.1860	.55
675	1.1850	.54
026	1.1850	.54
018	1.1800	.48
588	1.1810	.47
036	1.1800	.46
178	1.1750	.45
536	1.1630	.40
723	1.1750	.39
205	1.1750	.39
208	1.1725	.35
033	1.1700	.34
591	1.1670	.26
169	1.1650	.24
650	1.1500	.15
233	1.1500	.00
Avg	1.1497	
065	1.1470	-.06
612	1.1450	-.10
305	1.1300	-.30
669	1.1300	-.34
720	1.1250	-.44
638	1.1400	-.48
001	1.1495 R	-.67
142	1.1000	-.75
175	1.0950	-.83
631	1.0900	-.92
505	1.0800	-1.10
687	1.0600	-1.39
152	1.0050	-2.20
108	1.0000	-2.29
609	0.9950	-2.35

* 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 019.01 --	
179	0.9805	-2.57
--	Method 019.03 --	
033	1.2450	1.35
036	1.2263	.77
Avg	1.2013	
686	1.1900	-.46
026	1.1850	-.52
307	1.1600	-1.27
043	1.1550 R	-1.78
--	Method 019.05 --	
049	1.2200	1.96
100	1.2000	1.64
265	1.1600 R	1.60
019	1.1650 R	1.49
242	1.2000	1.26
229	1.1900	1.03
358	1.1900	1.03
511	1.1900	.99
512	1.1890	.96
413	1.1700	.92
598	1.1865	.91
098	1.1800	.90
226	1.1850	.87
029	1.1825	.79
407	1.1800	.73
168	1.1635	.64
004	1.1730	.54
051	1.1538	.41
026	1.1550	.40
074	1.1650	.35
695	1.1600	.20
011	1.1586	.16
Avg	1.1526	
148	1.1455	-.19
425	1.1450	-.24
297	1.1500	-.27
298	1.1400	-.43
--	Method 019.05 --	
405	1.1400	-.43
171	1.1450	-.45
083	1.1350	-.49
610	1.1300	-.60
164	1.1400	-.63
508	1.1286	-.72
629	1.1250	-.74
661	1.1250	-.74
003	1.1400	-.86
208	1.1170	-.95
860	1.1100	-1.13
553	1.1050	-1.32
520	1.1500 R	-1.33
682	1.1000	-1.40
294	1.0950	-1.58
300	1.0600 R	-2.79
144	1.0450	-2.88
089	0.9850 s	-4.45
685	0.9750 s	-4.73
--	Method 019.08 --	
689	1.3100	1.44
729	1.2050 R	.59
607	1.2132	.46
138	1.2100	.44
848	1.1900	.23
849	1.1700	.10
Avg	1.1669	
629	1.0900	-.80
590	0.9850	-1.82
--	Method 019.09 --	
567	1.4500 s	7.77
042	1.2550 R	2.12
613	1.2550	1.70
870	1.2520	1.63
202	1.2550	1.62
572	1.2100 R	1.62
160	1.2408	1.36
--	Method 019.09 --	
560	1.2250	1.04
035	1.2200	.88
726	1.2135	.75
027	1.2120	.75
190	1.2115	.71
186	1.2100	.71
021	1.1850	.55
096	1.2000	.46
869	1.1945	.39
309	1.1855	.26
510	1.1850	.18
Avg	1.1779	
345	1.1750	-.12
848	1.1700	-.27
106	1.1700	-.27
278	1.1650	-.29
045	1.1600	-.38
357	1.1500	-.59
154	1.1401	-.86
353	1.1400	-.90
028	1.1300	-1.01
366	1.1250	-1.16
187	1.1200	-1.22
199	1.1200	-1.29
038	1.1200	-1.29
616	1.1120	-1.40
037	1.0950	-1.82
668	1.1000 R	-1.95
693	1.0200 s	-3.42
016	0.9625 s	-4.74
--	Method 019.99 --	
588	1.6145 s	8.07
692	1.1500	1.00
864	1.0905	.88
008	1.1403	.85
676	1.0880	.22
Avg	1.0848	
047	1.0500	-.93
--	Method 019.99 --	
665	0.9900	-1.44
852	0.8050 S	-4.26
--	Method 020.00 --	
164	2.0000	.86
Avg	1.9775	
563	1.9550	-.88
--	Method 020.01 --	
508	3.8575	.93
154	3.7500	.83
021	3.7050	.79
096	3.5000	.75
567	3.4550	.57
510	3.3750	.50
Avg	2.8158	
011	2.5053	-.34
560	1.9600	-.76
668	1.5000	-1.22
171	0.5500 X	-2.00
--	Method 020.99 --	
675	3.3550	.97
Avg	3.2150	
616	3.0750	-.75
--	Method 021.01 --	
619	2.5300 S	2.08
563	2.1500	1.27
Avg	1.5500	
689	1.3000	-.57
164	1.2000	-.74
--	Method 021.02 --	
510	2.2850 s	4.88
154	1.4500	1.16
567	1.3950	1.03
029	1.3800	.84
011	1.3568	.73
--	Method 021.02 --	
021	1.3400	.67
425	1.3250	.59
560	1.2600	.40
169	1.2650	.34
038	1.2500	.34
616	1.2500	.27
Avg	1.1934	
629	1.1000	-.42
508	1.0605	-.75
106	0.9550	-1.06
693	0.7650	-1.93
572	0.7480	-2.00
171	0.3000 s	-3.97
--	Method 021.99 --	
610	0.9770	.71
--	Method 022.01 --	
039	25.475 s	3.17
175	23.000 R	2.38
038	24.000	2.09
350	23.000	1.32
208	22.900	1.26
588	22.850	1.23
689	21.800 R	1.18
675	22.685	1.13
536	22.350	.97
868	21.550	.37
563	21.030	.08
035	21.000	.00
Avg	20.995	
354	20.625	-.26
720	20.725	-.33
590	20.100	-.62
716	20.050	-.65
178	20.000	-.66
505	20.000	-.66
504	19.700	-.87
638	19.750	-.93

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 022.01	--
619	19.550	-.98
305	19.340	-1.10
307	18.700	-1.52
--	Method 022.03	--
520	24.000 s	2.74
682	23.550 R	1.96
208	23.600	1.82
407	23.195	1.58
405	23.000	1.46
171	22.250	1.02
011	22.010	.86
003	22.000	.85
100	22.000	.85
029	21.785	.74
074	21.500	.63
226	21.500	.63
083	21.000	.25
297	21.000	.25
Avg	20.585	
425	20.395	-.11
051	20.540	-.16
229	20.500	-.31
265	20.000	-.35
026	19.650	-.60
358	19.925	-.66
242	20.000	-.70
598	20.000	-.70
164	19.500	-.72
610	19.500	-.72
553	19.400	-.72
098	19.350	-.75
049	19.285	-.81
148	18.620	-1.19
695	18.670	-1.30
629	16.200	-2.64

Lab	Average*	Index
--	Method 022.05	--
042	25.550 s	2.95
202	25.615	2.53
154	25.000 R	2.43
106	22.950	1.20
294	22.895	1.18
413	22.700	1.09
560	22.700	1.09
038	22.200	.92
037	22.350	.90
567	22.000	.88
870	21.385	.87
045	21.400	.78
160	21.500	.54
572	21.200	.34
199	21.000	.34
035	21.000	.23
Avg	20.538	
187	20.410	-.14
616	20.100	-.22
096	20.500	-.25
357	20.000	-.27
345	20.090	-.30
869	20.400	-.36
366	20.000	-.57
309	19.510	-.71
668	19.960	-.74
510	19.000	-.77
693	19.050	-.77
508	20.151	-.78
353	18.550	-.99
186	18.500	-1.04
613	18.500	-1.04
278	18.100	-1.22
021	17.250	-1.64
169	16.250	-2.14

Lab	Average*	Index
--	Method 022.99	--
596	19.000	1.42
866	18.995	.89
692	19.600	.61
Avg	18.973	
846	18.365	-.51
008	18.904	-1.03
--	Method 023.01	--
619	0.0000	.00
--	Method 025.01	--
675	359.93	1.98
175	347.00	1.39
350	337.00	.89
591	336.00	.84
039	334.35	.77
669	331.95	.69
656	325.77	.43
868	325.00	.36
563	324.00	.29
038	319.00	.19
208	322.00	.19
619	319.00	.05
Avg	317.86	
354	314.84	-.14
646	303.20	-.68
720	302.26	-.72
596	306.50	-.82
689	299.25	-.94
307	289.50	-1.39
305	284.13	-1.57
716	276.50	-1.92
504	284.50 R	-2.33
505	197.50 s	-5.58
--	Method 025.03	--
520	333.50 R	2.24
682	330.06	1.50
074	324.00	1.15

Lab	Average*	Index
--	Method 025.03	--
629	320.50	.98
029	318.10	.97
049	320.47	.97
358	313.30	.94
242	320.00	.92
051	317.50	.82
171	317.00	.78
083	317.00	.78
512	316.80	.74
208	313.00	.52
011	305.98	.49
229	311.50	.44
164	311.00	.44
405	306.00	.26
098	304.50	.20
425	306.80	.17
297	305.00	.06
004	304.00	.06
Avg	303.99	
148	302.30	-.17
407	300.00	-.24
553	300.50	-.42
100	298.00	-.53
598	291.50	-.72
026	285.00	-1.09
300	293.50 R	-1.37
610	278.50	-1.46
168	274.50	-1.70
226	273.00	-1.79
695	271.82	-1.85
265	266.00	-2.23
003	198.50 s	-6.06
--	Method 025.05	--
042	353.50	2.22
870	340.45	1.68
510	335.00	1.42
366	323.50	1.22
345	325.05	1.04

Lab	Average*	Index
--	Method 025.05	--
508	319.86	.97
045	321.50	.91
038	317.50	.76
160	302.00	.55
413	307.50	.55
021	311.00	.55
567	304.00	.45
511	306.00	.36
199	298.75	.32
869	298.50	.21
Avg	297.28	
186	294.50	-.11
106	292.50	-.19
309	290.40	-.27
616	287.50	-.37
154	294.50	-.41
353	285.15	-.46
096	285.00	-.50
726	282.20	-.57
560	289.50	-.75
668	289.04	-.75
613	266.50	-1.16
693	265.50	-1.31
294	261.03	-1.36
190	260.31	-1.39
187	259.09	-1.43
169	249.00	-1.81
278	180.00 s	-4.39
--	Method 025.99	--
008	306.30	.95
Avg	302.15	
692	298.00	-.77
027	0.0285 S	-56.17
--	Method 026.00	--
689	0.4000	.87
Avg	0.2600	
154	0.1200	-.87

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AAFCO - Feed Check Sample No. - 201021 Sheep and Goad Feed, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 026.99	--
619	0.0000	.00
--	Method 027.01	--
039	0.3975 S	3.73
720	0.3700	2.02
350	0.3610	1.31
656	0.3600	1.24
169	0.3600	1.24
504	0.3580	1.16
505	0.3550	.97
208	0.3520	.71
307	0.3450	.41
038	0.3435	.33
139	0.3439	.26
Avg	0.3413	
142	0.3400	-.08
619	0.3395	-.15
065	0.3379	-.23
868	0.3340	-.52
563	0.3316	-.64
596	0.3400	-.67
035	0.3300	-.75
650	0.3285	-.87
305	0.3300	-1.00
675	0.3250	-1.13
354	0.3250	-1.13
588	0.3240	-1.14
175	0.3150	-1.77
609	0.2500 s	-6.05
--	Method 027.03	--
003	0.3850	2.41
407	0.3785	1.94
208	0.3730	1.55
171	0.3700	1.34
265	0.3550 R	1.09
629	0.3660	1.08
520	0.3600	.95
682	0.3600	.64

Lab	Average*	Index
--	Method 027.03	--
226	0.3550	.46
098	0.3550	.46
610	0.3560	.39
011	0.3532	.17
598	0.3527	.13
Avg	0.3508	
242	0.3500	-.06
425	0.3500	-.06
049	0.3500	-.06
695	0.3500	-.06
297	0.3500	-.06
511	0.3450	-.54
405	0.3450	-.54
164	0.3450	-.54
358	0.3450	-.54
029	0.3470	-.57
100	0.3500	-.70
083	0.3400	-.76
051	0.3387	-.87
026	0.3375	-.93
148	0.3370	-.97
413	0.3400	-1.03
229	0.3350	-1.16
553	0.3355	-1.19
294	0.3200	-2.15
--	Method 027.05	--
345	0.3750	2.22
870	0.3660	1.63
202	0.3650	1.60
613	0.3600	1.40
508	0.3537	.98
042	0.3510	.88
096	0.3500	.88
560	0.3525	.78
160	0.3490	.59
186	0.3485	.52
021	0.3465	.45
035	0.3450	.43

Lab	Average*	Index
--	Method 027.05	--
199	0.3450	.43
Avg	0.3403	
278	0.3400	-.02
869	0.3360	-.30
357	0.3350	-.46
309	0.3361	-.47
106	0.3320	-.54
045	0.3305	-.63
366	0.3400	-.63
616	0.3330	-.64
567	0.3300	-.65
510	0.3300	-.65
038	0.3300	-.68
693	0.3300	-.91
353	0.3250	-1.02
187	0.3200	-1.29
154	0.3209	-1.34
037	0.3185	-1.38
572	0.3155	-1.58
668	0.3200 R	-1.81
--	Method 027.99	--
692	0.3500	1.02
Avg	0.3418	
008	0.3336	-.68
864	0.2915 S	-3.99
--	Method 028.01	--
038	163.00	2.29
675	163.36	2.27
868	152.00	1.09
039	151.10	.99
208	146.50	.50
669	145.56	.45
035	145.50	.39
350	144.00	.25
Avg	141.79	
590	141.50	-.16
646	140.33	-.17

Lab	Average*	Index
--	Method 028.01	--
354	141.49	-.22
638	139.50	-.29
563	138.36	-.36
305	138.07	-.41
178	141.50	-.47
307	137.50	-.58
689	136.40	-.62
629	136.00	-.68
656	137.88	-.88
720	131.08	-1.13
596	132.50	-1.13
588	130.00	-1.24
619	128.00	-1.58
175	131.00 R	-1.62
505	112.00 s	-3.21
504	104.50 s	-3.91
716	91.900 s	-5.24
--	Method 028.03	--
208	151.50	1.66
297	151.00	1.60
003	149.50	1.40
049	148.01	1.21
051	146.89	1.07
265	145.00 R	1.04
682	145.96	.96
011	145.30	.93
511	145.00	.90
242	145.00	.83
512	143.05	.62
358	141.63	.45
229	141.00	.40
553	139.00	.26
074	140.50	.25
029	139.93	.22
Avg	138.63	
520	138.50	-.07
083	137.00	-.33
098	138.00	-.39

Lab	Average*	Index
--	Method 028.03	--
425	135.25	-.44
598	135.00	-.47
164	135.00	-.53
148	133.20	-.70
100	133.00	-.77
004	132.00	-.85
026	132.00	-.89
610	131.50	-.94
226	130.00	-1.14
695	129.79	-1.16
405	123.50	-1.95
407	122.00	-2.14
171	31.150 s	-13.82
--	Method 028.05	--
345	162.70	2.40
202	153.80	1.41
870	153.25	1.28
560	152.00	1.16
042	152.00	1.16
508	148.69	1.04
309	145.05	.95
160	146.00	.93
096	145.00	.66
186	148.00	.62
366	147.00	.55
027	147.16	.52
572	145.00	.44
037	143.50	.43
106	146.00	.39
357	146.00	.37
035	144.00	.12
045	143.00	.12
190	143.21	.04
Avg	142.99	
726	142.65	-.04
038	141.50	-.46
510	139.00	-.49
413	140.50	-.52

* 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. - 201021 Sheep and Goad Feed, Medicated

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 028.05	--
294	137.96	-.63
353	142.20	-.66
021	139.50	-.69
567	140.00	-.71
613	137.50	-.79
187	135.84	-.87
616	134.50	-1.04
869	135.00	-1.09
278	129.50	-1.64
693	128.00	-1.83
668	137.85 R	-1.97
154	126.50	-2.05
169	115.00 s	-3.41
--	Method 028.99	--
008	141.08	1.04
692	132.00	.19
Avg	129.88	
846	116.57	-1.18
--	Method 029.00	--
021	0.0290	.71
--	Method 031.00	--
622	0.6401	.71
Avg	0.6401	
623	0.5488 S	-30.19
--	Method 031.01	--
139	0.7485	2.24
179	0.7370	1.89
511	0.7350	1.85
868	0.7320	1.69
039	0.7285	1.58
679	0.7200	1.27
016	0.7165	1.20
609	0.7150	1.12
665	0.7100	.93
152	0.7000	.68

Lab	Average*	Index
--	Method 031.01	--
001	0.7005	.61
647	0.7000	.59
018	0.6970	.50
108	0.6900	.42
656	0.6900	.25
675	0.6900	.25
619	0.6865	.20
026	0.6850	.19
650	0.6850	.19
716	0.6850	.19
849	0.6850	.19
669	0.6850	.19
036	0.6873	.16
658	0.6870	.16
563	0.6852	.11
651	0.6830	.10
Avg	0.6825	
354	0.6800	-.08
169	0.6800	-.08
629	0.6800	-.08
233	0.6800	-.08
620	0.6820	-.10
175	0.6750	-.31
205	0.6785	-.35
588	0.6705	-.41
035	0.6700	-.42
689	0.6700	-.42
638	0.6700	-.54
687	0.6700	-.54
723	0.6700	-.54
848	0.6650	-.62
596	0.6650	-.62
350	0.6590	-.80
626	0.6700 R	-.80
607	0.6578	-.84
038	0.6500	-1.10
194	0.6450	-1.28
142	0.6400	-1.44
305	0.6400	-1.44

Lab	Average*	Index
--	Method 031.01	--
065	0.6326	-1.70
178	0.6400 R	-1.98
621	0.6250	-2.02
646	0.6100 R	-2.66
728	0.6050	-2.68
625	0.5750 s	-3.65
--	Method 031.02	--
043	0.6850	1.00
505	0.6850	1.00
Avg	0.6831	
011	0.6792	-.72
--	Method 031.03	--
033	0.7330	1.80
307	0.7200	.94
208	0.7020	.12
Avg	0.7001	
036	0.6952	-.22
504	0.6955	-.24
026	0.6850	-.67
043	0.6700	-1.34
720	0.6900 R	-2.57
--	Method 031.05	--
358	0.7600	2.02
345	0.7450	1.63
208	0.7410	1.53
870	0.7338	1.36
028	0.7350	1.36
003	0.7300	1.25
860	0.7300	1.22
160	0.7290	1.20
508	0.7079 R	1.13
598	0.7248	1.08
096	0.7200	.99
520	0.6950 R	.97
512	0.7203	.97
613	0.7200	.96

Lab	Average*	Index
--	Method 031.05	--
029	0.7137	.90
074	0.7150	.83
668	0.6900 R	.81
560	0.7100	.69
202	0.7100	.69
616	0.7095	.68
042	0.6910	.59
098	0.7050	.57
242	0.7000	.50
027	0.6970	.47
610	0.6990	.44
049	0.7000	.43
168	0.6925	.42
309	0.6980	.39
021	0.6950	.36
038	0.6970	.35
353	0.6950	.32
510	0.6950	.32
164	0.6950	.32
405	0.6950	.32
848	0.6900	.31
004	0.6930	.24
869	0.6900	.23
045	0.6845	.17
100	0.6900	.16
407	0.6850	.14
229	0.6850	.14
083	0.6850	.14
297	0.6850	.14
226	0.6850	.14
726	0.6855	.08
Avg	0.6840	
106	0.6830	-.06
035	0.6800	-.11
171	0.6750	-.27
425	0.6750	-.27
567	0.6800	-.29
148	0.6705	-.36
300	0.6700	-.37

Lab	Average*	Index
--	Method 031.05	--
298	0.6700	-.46
366	0.6750	-.46
413	0.6750	-.46
695	0.6650	-.52
051	0.6639	-.57
682	0.6600	-.64
019	0.6700	-.65
553	0.6595	-.65
187	0.6500	-.90
357	0.6500	-.90
265	0.6750 R	-.96
144	0.6450	-1.04
190	0.6400	-1.17
199	0.6400	-1.20
661	0.6365	-1.26
278	0.6350	-1.31
693	0.6250 R	-1.82
154	0.6122	-1.93
089	0.6000	-2.23
572	0.5965	-2.32
294	0.5800	-2.76
037	0.5780	-2.81
685	0.5700 s	-3.04
--	Method 031.06	--
686	0.7500	.79
536	0.7400	.51
Avg	0.7183	
138	0.6650	-1.27
--	Method 031.99	--
729	0.7100 R	2.91
552	0.6900	1.65
673	0.6800	1.20
590	0.6650	.62
676	0.6580	.33
Avg	0.6505	
631	0.6400	-.59
852	0.6350	-.66

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 031.99	--
008	0.6346	-.66
588	0.6270	-1.09
692	0.6250	-1.20
864	0.4785 s	-7.01
--	Method 032.01	--
596	1.3000	1.80
591	1.2820	1.55
039	1.2520	1.14
619	1.2350	.90
354	1.2250	.76
208	1.2050	.49
720	1.2050	.49
350	1.1980	.41
205	1.1900	.31
563	1.1900	.28
035	1.1800	.14
038	1.1800	.14
Avg	1.1702	
065	1.1680	-.04
675	1.1650	-.10
175	1.1550	-.22
139	1.1335	-.51
609	1.1350	-.53
868	1.1050	-.91
098	1.1050	-.91
142	1.1000	-.97
307	1.0950 R	-1.15
650	1.0850 R	-1.34
305	1.0250	-2.03
505	1.0100	-2.23
--	Method 032.02	--
504	1.2800	1.50
665	1.2500	.95
169	1.2300	.49
Avg	1.2042	
536	1.1920	-.57
716	1.1750	-.57

Lab	Average*	Index
--	Method 032.02	--
588	1.1675	-.70
590	1.1350	-1.41
108	1.0100 s	-4.26
--	Method 032.04	--
638	1.1400	.71
--	Method 032.05	--
042	1.2650 s	2.71
560	1.2800	2.35
572	1.2550	1.91
226	1.2250	1.37
345	1.2250	1.34
616	1.2200	1.30
695	1.2100	1.08
106	1.2050	.97
405	1.2050	.97
278	1.2050	.97
202	1.2000	.90
096	1.2000	.88
520	1.2000	.88
309	1.1880	.87
870	1.1955	.80
100	1.1650	.69
413	1.1650	.69
160	1.1882	.66
682	1.1850	.61
148	1.1770	.47
164	1.1550	.46
869	1.1760	.46
038	1.1750	.43
229	1.1600	.39
021	1.1600	.39
026	1.1700	.37
358	1.1650	.25
037	1.1600	.23
049	1.1600	.23
407	1.1600	.23
208	1.1630	.20

Lab	Average*	Index
--	Method 032.05	--
154	1.1572	.11
613	1.1550	.10
083	1.1550	.10
Avg	1.1523	
297	1.1450	-.16
508	1.1449	-.20
186	1.1400	-.23
610	1.1450	-.31
366	1.1350	-.33
294	1.1350	-.33
511	1.1500	-.37
011	1.1314	-.39
567	1.1300	-.45
425	1.1250	-.51
353	1.1500	-.74
045	1.1100	-.78
187	1.1100	-.78
300	1.1100	-.86
242	1.1100	-.86
051	1.1058	-.87
357	1.1050	-.88
029	1.1305	-.91
199	1.1150	-.94
598	1.0995	-1.06
144	1.0900	-1.15
668	1.1350 R	-1.42
265	1.0700	-1.61
693	1.1100 R	-1.67
553	1.0550	-1.79
510	1.0450	-1.98
003	1.0350	-2.25
629	1.0000	-2.81
171	0.6280 s	-9.66
--	Method 032.99	--
692	1.2200	1.13
Avg	1.1069	
008	1.0988	-.12
864	1.0020	-1.09

Lab	Average*	Index
--	Method 033.00	--
034	10.075 s	161.87
539	1.4850 A	3.53
297	1.4300	2.48
208	1.3600	1.19
366	1.3500	1.15
716	1.3500	1.07
353	1.3300 R	.98
689	1.3400	.82
849	1.3150	.59
045	1.3050	.33
298	1.3100	.33
512	1.3055	.19
567	1.3000	.09
Avg	1.2953	
309	1.2904	-.09
868	1.2900	-.21
016	1.2850	-.21
693	1.2850	-.21
695	1.2700	-.47
504	1.2650	-.57
588	1.2500	-.83
407	1.2400	-1.02
675	1.2400	-1.04
638	1.2300	-1.32
511	1.1900	-1.98
679	0.9300 s	-6.73
--	Method 033.01	--
051	1.4300 s	3.32
242	1.3950	2.14
413	1.3700	1.41
202	1.3700	1.38
307	1.3550	.93
106	1.3500	.77
100	1.3250 R	.76
590	1.3350	.55
629	1.3350	.55
510	1.3400	.47
178	1.3400	.47

Lab	Average*	Index
--	Method 033.01	--
278	1.3400	.47
039	1.3362	.37
011	1.3354	.36
029	1.3300	.35
205	1.3300	.17
175	1.3300	.17
559	1.3250	.15
229	1.3250	.15
026	1.3250	.15
Avg	1.3245	
096	1.3150	-.32
199	1.3150	-.32
226	1.3050	-.61
650	1.2900	-1.04
425	1.2900	-1.04
098	1.2850	-1.20
164	1.2800	-1.38
354	1.2700	-1.65
004	1.2450	-2.45
686	1.1750 s	-4.52
--	Method 033.03	--
144	1.6600 S	3.44
265	1.4200	1.91
505	1.1650	.26
848	1.1650	.26
Avg	1.1885	
860	1.0925	-.20
190	1.1000	-.41
726	1.0050 S	-.79
598	0.9200 S	-1.38
--	Method 033.99	--
681	1.5350	2.21
869	1.4450	1.30
Avg	1.3160	
083	1.3150	-.05
673	1.3000	-.16
171	1.3100	-.31

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

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 033.99	--
552	1.2850	-.35
861	1.2750	-.41
855	1.2550	-.61
723	1.2550	-.61
619	1.1850	-1.32
647	0.9400 S	-3.78
003	0.8200 S	-4.98
358	0.6800 S	-6.38
613	0.2700 s	-10.49
--	Method 034.01	--
668	0.5450	1.24
Avg	0.5297	
038	0.5240	-.64
638	0.5200	-.74
--	Method 034.04	--
619	0.7115	1.64
208	0.6460	.81
Avg	0.5829	
026	0.5700	-.21
171	0.5500	-.49
164	0.5300	-.67
169	0.4900	-1.19
--	Method 034.05	--
629	0.8500	1.19
860	0.8325	1.11
016	0.6625	.54
Avg	0.5609	
560	0.5450	-.07
553	0.4865	-.32
567	0.4000	-.78
682	0.1500	-1.69
--	Method 034.99	--
190	0.9900 S	6.73
039	0.5925	1.08
096	0.6000	.82
--	Method 034.99	--
098	0.5600	.50
Avg	0.5459	
508	0.5322	-.24
047	0.4450	-1.53
--	Method 035.00	--
591	0.5330 s	9.95
868	0.3370	2.27
596	0.3300	2.00
505	0.3250 R	1.90
675	0.3050	1.05
039	0.2985	.78
609	0.2950	.68
720	0.2900	.60
354	0.2900	.60
656	0.2850	.32
065	0.2828	.17
035	0.2800	.07
Avg	0.2783	
233	0.2750	-.23
307	0.2750	-.23
619	0.2705	-.31
208	0.2715	-.36
038	0.2680	-.40
139	0.2675	-.42
205	0.2665	-.47
305	0.2600	-.71
152	0.2550	-.92
142	0.2500	-1.10
650	0.2400	-1.48
175	0.2300	-1.91
--	Method 035.01	--
686	0.3050	.88
138	0.3000	.51
Avg	0.2947	
563	0.2791	-1.21
--	Method 035.02	--
638	0.2350	.71
--	Method 035.03	--
003	0.3200 A	2.85
187	0.3200	2.80
004	0.3130	2.42
242	0.3050	2.15
202	0.2950	1.66
512	0.2974	1.61
598	0.2911 R	1.55
190	0.2950	1.47
208	0.2950	1.45
265	0.2700 R	1.08
186	0.2860	.96
096	0.2750	.89
300	0.2750	.89
100	0.2800	.84
029	0.2736	.71
572	0.2810	.70
345	0.2800	.64
297	0.2800	.64
682	0.2800	.64
869	0.2795	.61
154	0.2763	.57
413	0.2700	.55
229	0.2750	.46
226	0.2750	.46
407	0.2750	.37
011	0.2708	.19
160	0.2692	.11
298	0.2700	.10
358	0.2700	.10
083	0.2700	.10
726	0.2695	.08
Avg	0.2681	
051	0.2671	-.15
425	0.2650	-.32
278	0.2600	-.44
098	0.2600	-.44
--	Method 035.03	--
049	0.2600	-.44
164	0.2600	-.44
144	0.2600	-.44
520	0.2600	-.44
021	0.2595	-.48
045	0.2590	-.50
553	0.2595	-.50
038	0.2590	-.52
148	0.2560	-.66
870	0.2557	-.68
353	0.2600	-.69
511	0.2600	-.69
567	0.2550	-.76
668	0.2650	-.83
661	0.2510	-.93
309	0.2550	-.97
035	0.2500	-.98
695	0.2500	-.98
610	0.2500	-.98
616	0.2490	-1.04
405	0.2480	-1.09
693	0.2500	-1.12
199	0.2500	-1.12
042	0.2540 R	-1.23
089	0.2400	-1.52
366	0.2400	-1.61
510	0.2370	-1.68
--	Method 035.05	--
106	0.3485 s	4.19
169	0.3150	2.25
504	0.2860	.72
560	0.2815	.47
588	0.2815	.29
590	0.2800	.20
669	0.2795	.17
Avg	0.2766	
294	0.2750	-.31
665	0.2700	-.38
--	Method 035.05	--
171	0.2650	-.73
508	0.2633	-.78
716	0.2460	-1.78
108	0.2250 s	-3.98
536	0.1270 s	-8.70
--	Method 035.99	--
588	0.7770 S	10.30
864	0.3904 S	2.04
027	0.3535	1.24
Avg	0.2957	
692	0.2800	-.40
008	0.2537	-.90
--	Method 036.00	--
297	0.2400	.00
307	0.2600 S	.00
Avg	0.2400	
--	Method 036.03	--
106	0.2800	1.84
042	0.2750	1.64
560	0.2655	1.21
345	0.2650	1.20
870	0.2626	1.16
708	0.2550	.74
021	0.2530	.66
186	0.2515	.59
508	0.2475	.44
038	0.2420	.25
171	0.2410	.18
278	0.2400	.09
357	0.2400	.09
Avg	0.2380	
045	0.2345	-.16
187	0.2359	-.17
353	0.2350	-.26
160	0.2361	-.34
510	0.2300	-.35

* 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 036.03	--
366	0.2300	-.56
294	0.2200	-.79
300	0.2200	-.90
309	0.2172	-.92
616	0.2120	-1.15
693	0.2100	-1.30
169	0.2050	-1.46
265	0.1850	-2.33
--	Method 036.04	--
226	0.2500	.00
--	Method 037.01	--
536	348.43 s	7.19
354	273.42	2.26
675	262.28	1.67
505	247.50	.71
716	245.65	.60
039	246.70	.60
350	247.50	.57
175	244.00	.52
038	245.00	.48
035	244.50	.37
669	242.89	.31
868	243.00	.30
Avg	238.85	
590	238.50	-.16
563	232.39	-.42
208	232.50	-.43
619	232.00	-.49
504	237.50	-.56
305	230.29	-.57
588	227.50	-.75
178	222.50	-1.08
720	213.93	-1.63
307	217.00 R	-1.70
689	206.20	-2.14
596	154.00 s	-5.57
646	97.450 s	-9.24

Lab	Average*	Index
--	Method 037.03	--
003	295.00 s	4.38
682	281.35 s	3.53
208	265.00	2.35
265	236.50 R	1.58
011	249.00	1.32
226	248.50	1.24
171	246.00	1.10
297	245.50	1.05
074	242.50	.84
168	241.00	.78
407	239.00	.60
425	238.35	.57
520	238.00	.55
051	236.00	.52
098	237.00	.47
512	235.00	.35
083	233.00	.28
029	231.50	.28
511	232.00	.24
229	231.00	.09
629	230.50	.04
Avg	230.11	
358	228.27	-.15
049	227.31	-.22
598	226.00	-.28
553	225.50	-.33
160	222.00	-.61
026	219.50	-.72
695	218.99	-.75
610	219.00	-.77
100	221.50	-.81
242	217.00	-.94
164	216.00	-.96
148	209.95	-1.36
004	204.00	-1.76
405	189.50	-2.73

Lab	Average*	Index
--	Method 037.05	--
042	305.00 s	5.26
027	284.99 s	3.75
186	257.00 R	2.09
870	252.20	1.59
353	239.80 R	1.28
567	248.50	1.21
869	245.50	1.18
106	247.50	1.13
413	233.50	.95
357	243.00	.87
560	242.50	.86
190	243.35	.83
345	242.30	.76
021	241.00	.72
613	240.00	.63
096	240.00	.59
202	239.50	.56
187	238.06	.46
726	237.35	.42
508	232.41	.14
038	232.50	.08
Avg	231.46	
045	231.00	-.35
035	226.00	-.39
309	226.70	-.40
366	225.00	-.47
572	219.00	-.91
199	219.45	-.94
616	218.00	-.95
510	218.50	-.98
668	216.80	-1.08
154	214.50 R	-1.64
693	205.50	-1.84
169	204.50	-1.88
294	202.83	-1.99
278	165.00 s	-5.24

Lab	Average*	Index
--	Method 037.99	--
692	240.00	.89
866	242.38	.88
Avg	234.79	
846	230.64	-.90
008	226.15	-1.06
--	Method 038.00	--
278	2.1150	1.75
510	1.9500	1.26
693	1.6450 R	.81
029	1.6600	.58
668	1.7100	.51
038	1.5500	.15
Avg	1.5430	
154	1.4750	-.22
560	1.4600	-.37
106	1.2500	-.91
021	1.1400	-1.24
208	1.1200	-1.30
--	Method 038.99	--
164	1.8000	.71
--	Method 039.01	--
164	1.9000	.00
--	Method 039.02	--
021	2.6550	1.24
154	2.8000	1.17
Avg	2.5049	
560	2.3950	-.41
011	2.3565	-.80
508	2.3180	-.88
--	Method 040.00	--
560	14.250	.84
Avg	13.842	
508	13.435	-.89

Lab	Average*	Index
--	Method 041.00	--
011	0.1750	.71
--	Method 045.02	--
019	0.0133	.00
--	Method 054.01	--
047	7.3500 S	2.92
038	7.1050 S	2.79
028	6.8950	1.91
016	6.2800	.88
029	6.2050	.70
027	6.0340	.40
036	5.9000	.24
004	5.8550	.13
Avg	5.8031	
218	5.7105	-.45
003	5.4900	-.57
010	5.4200	-.67
001	5.3450	-.80
014	4.7000	-1.93
--	Method 054.99	--
032	5.4500	.71
--	Method 065.03	--
619	0.0000	.00
--	Method 079.01	--
619	0.0000	.00
--	Method 091.00	--
619	0.0000	.00
--	Method 104.00	--
171	3.5500	.71

* 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 105.00	--
160	1.8350	.71
--	Method 106.00	--
171	5.8000	.71
--	Method 106.02	--
512	8.2500 s	3.33
619	5.9350 R	2.62
610	7.0300	1.95
563	6.4515	1.27
722	6.3090	1.11
616	5.7500	1.03
016	5.8700	1.02
860	5.6150	.83
675	6.0300	.79
039	5.9510	.71
021	5.5500	.25
208	5.4150	.15
Avg	5.3316	
038	5.1815	-.38
638	4.9700	-.41
003	5.0500	-.51
169	4.8500	-.55
560	4.8500	-.55
199	5.0000	-.59
676	4.7000	-.71
160	5.2450	-.73
227	4.5700	-.86
004	4.0350	-1.49
096	3.5400	-2.08
--	Method 108.01	--
227	164.00	.71
--	Method 108.02	--
675	3.2500	.87
Avg	2.0975	
208	0.9450	-.87

Lab	Average*	Index
--	Method 109.02	--
675	83.855	1.62
619	76.400	1.01
227	72.485	.73
563	70.867	.56
638	64.600	.05
Avg	63.951	
208	63.640	-.04
610	58.750	-.42
676	55.465	-.70
560	52.050	-.97
199	41.400	-1.84
--	Method 109.99	--
096	63.000	.87
Avg	45.000	
171	27.000 X	-.86
--	Method 120.00	--
160	0.8752 s	6.99
652	0.7600	1.74
619	0.7365	.69
859	0.7360	.66
571	0.7280	.44
350	0.7275	.40
675	0.7300	.39
Avg	0.7212	
644	0.7110	-.46
684	0.7115 R	-.98
868	0.6985	-1.11
227	0.6950	-1.20
504	0.6900	-1.47
--	Method 120.05	--
038	0.7025	1.14
Avg	0.6913	
626	0.6800	-.45

Lab	Average*	Index
--	Method 121.00	--
160	1.1490 s	9.49
859	0.8735	1.65
652	0.8600	1.26
571	0.8430	.80
619	0.8370	.61
644	0.8345	.55
Avg	0.8156	
868	0.7980	-.62
350	0.7900	-.78
675	0.7850	-.88
504	0.7900	-.92
227	0.7850	-.97
684	0.7755	-1.14
--	Method 121.05	--
038	0.8730	1.12
Avg	0.8440	
626	0.8150	-.50
--	Method 122.00	--
652	1.1600	1.08
227	1.1500	.84
619	1.1450	.78
644	1.1445	.65
859	1.1450	.65
684	1.1335	.57
571	1.1300	.36
Avg	1.1228	
350	1.1225	-.02
675	1.0800	-1.28
868	1.0700	-1.54
504	1.0700	-1.64
160	1.0991 R	-1.93
--	Method 122.05	--
626	1.1950	.71
Avg	1.1950	
038	1.0435 S	-8.00

Lab	Average*	Index
--	Method 124.00	--
868	1.0400 s	63.43
160	0.6221 s	29.50
684	0.2915	1.44
619	0.2855	.95
571	0.2810	.63
652	0.2800	.49
Avg	0.2741	
350	0.2710	-.30
675	0.2650	-.86
859	0.2610	-1.08
644	0.2575	-1.37
504	0.2500 R	-2.16
--	Method 124.02	--
227	0.2600	.00
--	Method 124.05	--
610	0.2750	.71
Avg	0.2750	
038	0.1930 S	-11.70
--	Method 125.00	--
868	2.5850	2.43
227	2.4450	.68
619	2.4450	.65
684	2.3940	.04
Avg	2.3935	
644	2.3670	-.34
859	2.3650	-.36
675	2.3500	-.56
350	2.3435	-.63
652	2.3300	-.80
160	2.3328 R	-1.05
571	2.3100	-1.05
504	2.0800 s	-4.01

Lab	Average*	Index
--	Method 125.05	--
038	2.2300	1.21
Avg	2.2150	
626	2.2000	-.18
--	Method 126.00	--
619	0.7935	1.38
571	0.7860	.98
675	0.7850	.90
859	0.7830	.73
350	0.7760	.32
Avg	0.7707	
652	0.7700	-.04
868	0.7575	-.78
644	0.7540	-1.00
684	0.7565	-1.08
227	0.7450	-1.55
504	0.7500 R	-1.70
160	0.7090 s	-3.99
--	Method 126.05	--
038	0.7930	1.21
Avg	0.7890	
626	0.7850	-.18
--	Method 127.00	--
160	0.4131	1.98
652	0.4000	1.22
227	0.3850	.59
619	0.3785	.32
504	0.3750	.24
644	0.3760	.15
Avg	0.3728	
571	0.3715	-.06
859	0.3655	-.38
350	0.3655	-.38
868	0.3565	-.80
684	0.3570	-.89
675	0.3300	-1.96

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index
--	Method 127.05	--
626	0.3800	.32
Avg	0.3723	
038	0.3645	-1.18
--	Method 128.00	--
160	0.4750 R	2.05
619	0.4990	1.86
504	0.4850	1.28
859	0.4815	.62
644	0.4800	.53
571	0.4755	.37
Avg	0.4718	
652	0.4700	-.12
350	0.4685	-.36
868	0.4660	-.42
684	0.4595	-.81
227	0.4550	-1.13
675	0.4500	-1.54
--	Method 128.05	--
038	0.5225 S	8.12
626	0.4850	.71
Avg	0.4850	
--	Method 129.00	--
160	0.9815 R	1.81
619	1.0100	1.12
684	0.9955	.72
644	0.9980	.68
859	0.9970	.65
227	0.9950	.60
571	0.9875	.30
652	0.9800	.02
Avg	0.9794	
350	0.9695	-.38
504	0.9700	-.81
868	0.9560	-.89
675	0.9150	-2.41
--	Method 129.05	--
038	1.0260 S	.00
626	0.9700	.00
Avg	0.9700	
--	Method 130.00	--
160	0.6950 S	2.28
868	0.6910	1.87
350	0.6550	.77
619	0.6490	.57
571	0.6450	.45
652	0.6400	.29
859	0.6355	.19
Avg	0.6306	
644	0.6280	-.10
675	0.6150	-.51
504	0.6150	-.67
227	0.5900	-1.29
684	0.5730	-1.84
--	Method 130.05	--
610	0.6300	.61
626	0.6200	.29
Avg	0.6110	
038	0.5830	-1.43
--	Method 131.00	--
160	0.1921 R	2.65
644	0.2105	1.45
619	0.2030	.96
652	0.2000	.70
675	0.1950	.49
684	0.1955	.42
Avg	0.1903	
571	0.1900	-.02
859	0.1840	-.45
504	0.1850	-.52
350	0.1785	-.85
868	0.1610	-2.09
--	Method 131.02	--
227	0.2000	.00
--	Method 131.05	--
038	0.1010 S	.00
610	0.2000	.00
626	0.1150 S	.00
Avg	0.2000	
--	Method 132.00	--
619	0.6635	2.24
160	0.6295	1.48
859	0.5875	.48
Avg	0.5670	
350	0.5640	-.12
571	0.5640	-.14
644	0.5580	-.21
652	0.5400	-.63
684	0.5385	-.66
227	0.5350	-.75
675	0.5300	-.86
868	0.5270	-.93
504	0.5150 R	-1.34
--	Method 132.05	--
038	0.6240	.93
Avg	0.5920	
626	0.5600	-.80
--	Method 133.00	--
160	0.9987	2.02
571	0.9330	.87
619	0.9050	.47
644	0.9010	.31
868	0.8830	.28
652	0.8900	.12
Avg	0.8829	
350	0.8770	-.13
684	0.8745	-.16
675	0.8650	-.32
--	Method 133.00	--
504	0.7950	-1.58
227	0.7900	-1.61
--	Method 133.05	--
626	0.9800	.67
Avg	0.8840	
038	0.7880	-1.03
--	Method 134.00	--
160	0.7256 R	3.22
859	0.6850	1.43
227	0.6800	1.23
619	0.6665	.76
571	0.6520	.48
652	0.6600	.48
Avg	0.6474	
675	0.6450	-.21
350	0.6345	-.58
684	0.6305	-.65
644	0.6180	-1.11
868	0.6025	-1.69
504	0.5150 s	-5.00
--	Method 134.05	--
038	0.7300	.90
Avg	0.6950	
626	0.6600	-.83
--	Method 135.00	--
160	0.5446 s	3.42
227	0.5150	1.29
859	0.5115	1.07
571	0.4950	.47
644	0.5005	.45
684	0.5000	.43
619	0.4975	.32
Avg	0.4925	
652	0.4900	-.14
350	0.4890	-.22
--	Method 135.00	--
868	0.4710	-1.20
675	0.4700 R	-1.68
504	0.4550	-2.12
--	Method 135.05	--
038	0.5250	1.29
Avg	0.4983	
626	0.4850	-.65
610	0.4850	-.65
--	Method 136.00	--
684	0.2000	-.71
--	Method 136.01	--
160	0.5006 s	30.64
619	0.2020 R	1.77
227	0.1900	.60
644	0.1900	.60
571	0.1880	.41
Avg	0.1838	
868	0.1670	-1.61
--	Method 136.03	--
859	0.1680	.71
--	Method 136.99	--
504	0.1200 S	.00
--	Method 137.00	--
868	0.4675	1.17
644	0.4560	.76
675	0.4450	.41
684	0.4380	.19
Avg	0.4344	
227	0.4050	-1.06
504	0.3950	-1.49
160	0.2455 S	-6.69

* 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 137.05 --														
626	0.3650	.71												
-- Method 138.00 --														
619	0.6980 R	2.25												
859	0.6900	1.96												
504	0.6600 R	1.20												
350	0.6520	.79												
644	0.6515	.77												
571	0.6440	.54												
652	0.6300	.11												
Avg	0.6264													
675	0.6150	-.38												
684	0.6095	-.52												
160	0.5965	-.93												
868	0.5910	-1.10												
227	0.5850	-1.29												
-- Method 138.05 --														
626	0.6450	.69												
Avg	0.6073													
038	0.5695	-1.01												
-- Method 139.00 --														
504	0.0500	-.71												

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

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	12	-0.6083	1.81	0.74	010.03	3	-2.8064	4.90	2.10
001.03	6	0.0000	1.04	0.10	010.11	12	-0.2891	1.39	0.24
001.07	42	0.0034	1.49	0.34	010.99	16	-0.1543	1.15	0.19
001.99	21	-0.2767	1.35	0.15	011.01	85	-0.0989	1.23	0.29
002.00	8	-0.4340	1.50	0.69	011.99	2	28.7021	40.59	1.45
002.01	11	-0.1570	2.80	1.37	012.00	8	0.5354	1.32	0.57
002.02	9	0.0000	0.99	0.27	012.01	3	0.0000	0.78	0.65
002.04	7	-0.5005	1.62	0.26	012.03	2	0.0000	1.07	0.42
002.05	20	1.3656	3.37	0.49	012.04	6	0.0000	1.05	0.07
002.06	135	-0.0339	1.12	0.32	012.11	5	0.0000	1.06	0.06
002.08	5	0.0000	1.05	0.16	012.99	2	13.2936	18.80	0.50
002.10	11	-0.0966	1.52	0.92	013.02	33	0.0015	0.98	0.16
002.11	13	0.0000	1.01	0.11	013.10	19	0.2265	1.37	0.27
002.99	6	0.0000	1.03	0.17	013.11	2	0.0000	1.12	0.34
003.00	24	0.1948	1.22	0.43	013.12	2	0.0000	1.22	0.10
003.06	29	0.1101	1.35	0.84	013.99	3	0.0000	1.12	0.05
003.09	29	0.1887	1.46	0.26	015.00	12	0.3647	1.59	0.87
003.10	34	-0.1148	1.66	0.40	017.00	8	0.0000	1.02	0.16
003.11	15	0.0000	1.01	0.11	018.02	2	0.0000	1.07	0.42
003.12	2	0.0000	1.21	0.15	019.00	16	-0.0128	2.57	0.77
003.13	7	0.0782	0.96	0.60	019.01	47	0.2068	1.28	0.28
003.14	16	0.0000	0.88	0.49	019.03	6	-0.2364	1.10	0.46
003.99	12	0.0257	0.98	0.22	019.05	45	-0.2480	1.33	0.55
004.00	31	-0.0083	1.40	0.42	019.08	8	0.0477	0.97	0.19
004.01	2	0.0000	0.78	0.67	019.09	36	-0.0408	1.67	1.02
004.03	3	5.6173	9.74	0.66	019.99	8	0.4754	3.49	0.44
004.06	37	-0.1802	2.06	0.18	020.00	2	0.0000	1.21	0.13
004.07	47	0.1068	1.14	0.21	020.01	10	0.0000	1.00	0.21
004.11	14	-0.2463	1.34	0.15	020.99	2	0.0000	1.06	0.44
004.99	3	0.0000	1.09	0.21	021.01	4	0.5189	1.38	0.12
005.00	141	-0.0237	1.07	0.24	021.02	17	0.0519	1.82	0.25
005.11	10	0.0000	1.02	0.10	022.01	23	0.2094	1.13	0.57
005.99	15	0.0000	1.01	0.15	022.03	30	0.1283	1.06	0.44
008.02	17	-0.2452	1.51	0.22	022.05	34	0.1387	1.08	0.46
008.08	25	-0.0164	0.95	0.37	022.99	5	0.0000	0.31	0.91
008.99	5	-0.6436	1.71	0.15	025.01	22	-0.3237	1.54	0.44
009.07	13	0.2558	1.37	0.65	025.03	34	-0.1460	1.43	0.42
009.09	19	0.0000	0.97	0.27	025.05	32	-0.1370	1.21	0.34
009.99	6	0.0000	1.04	0.12	025.99	3	-18.7226	32.44	0.32

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
026.00	2	0.0000	1.22	0.02	038.00	11	0.0284	0.96	0.29
027.01	25	-0.0928	1.71	0.30	039.02	5	0.0000	0.79	0.63
027.03	32	0.0092	0.94	0.36	040.00	2	0.0000	1.02	0.48
027.05	31	-0.0415	0.96	0.41	054.01	13	0.3820	1.31	0.58
027.99	3	-1.3168	2.37	0.58	106.02	23	0.1733	1.12	0.66
028.01	27	-0.4966	1.61	0.40	108.02	2	0.0000	1.22	0.03
028.03	32	-0.4063	2.63	0.23	109.02	10	0.0000	1.02	0.12
028.05	36	-0.1121	1.06	0.51	109.99	2	0.0000	1.22	0.11
028.99	3	0.0000	1.09	0.20	120.00	12	0.5396	2.20	0.45
031.00	2	-12.1809	17.23	12.62	120.05	2	0.0000	0.63	0.74
031.01	54	-0.1477	1.13	0.32	121.00	12	0.7900	2.89	0.28
031.02	3	0.0000	0.62	0.76	121.05	2	0.0000	0.70	0.71
031.03	8	-0.0534	0.84	1.01	122.00	12	-0.0574	0.95	0.60
031.05	75	-0.0499	1.03	0.30	122.05	2	-3.5709	5.05	2.60
031.06	3	0.0000	1.10	0.15	124.00	11	8.2018	20.30	2.00
031.99	11	-0.4148	2.45	0.62	124.05	2	-5.7983	8.20	1.21
032.01	24	-0.0928	1.01	0.19	125.00	12	-0.3939	1.47	0.29
032.02	8	-0.4636	1.59	0.81	125.05	2	0.0000	0.21	0.85
032.05	63	-0.1378	1.56	0.45	126.00	12	-0.4066	1.40	0.63
032.99	3	0.0000	1.10	0.18	126.05	2	0.0000	0.16	0.86
033.00	25	6.3711	32.45	0.29	127.00	12	0.0000	0.95	0.35
033.01	30	-0.0439	1.39	0.29	127.05	2	0.0000	0.45	0.80
033.03	8	0.4275	1.52	0.28	128.00	12	0.0167	0.88	0.72
033.99	14	-1.8297	3.42	0.15	128.05	2	2.6517	3.75	4.38
034.01	3	0.0000	1.03	0.35	129.00	12	0.0064	0.92	0.61
034.04	6	0.0000	1.04	0.13	129.05	2	0.0000	0.00	0.00
034.05	7	0.0000	1.02	0.21	130.00	12	0.1656	1.11	0.40
034.99	6	1.1218	2.88	0.39	130.05	3	0.0000	0.79	0.65
035.00	24	0.4863	2.24	0.34	131.00	11	0.0117	0.95	0.82
035.01	3	0.0000	1.06	0.29	131.05	3	0.0000	0.00	0.00
035.03	62	0.0543	0.99	0.41	132.00	12	-0.1004	1.03	0.20
035.05	14	-0.5367	2.88	0.74	132.05	2	0.0000	1.13	0.34
035.99	5	2.4659	4.54	0.14	133.00	11	0.0000	1.00	0.21
036.00	2	0.0000	0.00	0.00	133.05	2	0.0000	0.94	0.55
036.03	26	0.0000	0.98	0.22	134.00	12	-0.1705	1.96	0.43
037.01	25	-0.3622	2.78	0.35	134.05	2	0.0000	1.18	0.24
037.03	35	0.2358	1.32	0.35	135.00	12	0.1383	1.31	0.64
037.05	35	0.1538	1.63	0.65	135.05	3	0.0000	1.06	0.30
037.99	4	0.0000	0.86	0.57	136.01	6	5.3831	12.37	1.04

AAFCO - Feed Check Sample No. - 201021 Sheep and Goad Feed, 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
137.00	7	-0.9546	2.69	0.27					
138.00	12	0.2700	1.15	0.23					
138.05	2	0.0000	0.97	0.53					