

Animal Feed Scheme
Analyte Summary Report
Analytes Reported: 119
Lamb Feed
Labs Reporting: 196
Test Material Code # 201827
Issue Date : 08/31/2018

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	AAFCO PT ffp - Robust sd	Uncertainty (U) - Robust	% RSD - Robust	Average Range (R-bar)	Horwitz %RSD
000	Urea (%)	1	1	1.2000							
001	Loss on Drying (%)	81	78	8.3751	0.51949	8.4036	0.32982	0.04668	3.92%	0.13836	2.90%
002	Protein, Crude (%)	193	189	19.320	0.72783	19.265	0.36129	0.03285	1.88%	0.14720	2.28%
003	Fat, Crude (%)	152	149	4.2078	0.29700	4.1965	0.25708	0.02633	6.13%	0.09988	3.22%
004	Fiber, Crude (%)	121	118	10.755	1.1129	10.720	0.96499	0.11104	9.00%	0.22920	2.80%
005	Ash (%)	143	138	9.1834	0.47218	9.2140	0.39841	0.04239	4.32%	0.09063	2.86%
006	Total Sugars (%)	6	6	5.9858	0.68984	5.9858	0.78227	0.39920	13.07%	0.09833	3.06%
008	Fiber, Acid Detergent (%)	64	62	13.946	1.0652	13.991	1.0620	0.16859	7.59%	0.22064	2.67%
009	Fiber, Neutral Detergent (%)	62	61	23.537	1.5246	23.508	1.4853	0.23772	6.32%	0.43999	2.06%
010	Moisture (%)	25	25	8.7311	0.77222	8.7425	0.71163	0.17791	8.14%	0.18217	2.89%
011	Loss on Drying (%)	71	69	9.5992	0.45832	9.6139	0.40413	0.06081	4.20%	0.10977	2.85%
012	Starch (%)	42	42	21.752	1.8160	21.749	1.2892	0.24866	5.93%	0.32579	2.14%
013	Fat, Acid Pretreat (%)	46	46	5.2793	0.81489	5.2797	0.78769	0.14517	14.92%	0.16442	3.11%
015	Aluminum (mg / kg (ppm))	13	13	176.89	30.490	177.06	34.210	11.860	19.32%	7.5856	7.34%
017	Boron (mg / kg (ppm))	16	16	12.595	1.8322	12.823	1.3227	0.41335	10.31%	0.56178	10.90%
019	Calcium (%)	150	149	1.8823	0.14632	1.8879	0.10716	0.01097	5.68%	0.04511	3.63%
021	Cobalt (mg / kg (ppm))	23	23	4.8645	0.74729	4.8268	0.74914	0.19526	15.52%	0.19240	12.62%
022	Copper (mg / kg (ppm))	93	92	37.213	3.5209	37.010	2.5373	0.33066	6.86%	1.3300	9.29%
023	Fluorine (mg / kg (ppm))	1	1	7.1000							
025	Iron (mg / kg (ppm))	79	77	377.87	45.077	379.14	33.229	4.7335	8.76%	10.858	6.55%
027	Magnesium (%)	90	87	0.29108	0.01761	0.29069	0.01596	0.00214	5.49%	0.00687	4.82%
028	Manganese (mg / kg (ppm))	94	92	142.84	9.3274	142.47	8.0535	1.0495	5.65%	3.6940	7.58%
031	Phosphorus (%)	143	142	0.54964	0.04298	0.54952	0.02878	0.00302	5.24%	0.01084	4.38%
032	Potassium (%)	98	96	1.5245	0.10146	1.5293	0.08174	0.01043	5.34%	0.03778	3.75%
033	Salt as chloride (%)	71	70	1.5696	0.25934	1.6193	0.09803	0.01465	6.05%	0.02612	3.72%
034	Selenium (mg / kg (ppm))	29	28	1.8589	0.40338	1.8440	0.25002	0.05906	13.56%	0.13623	14.59%
035	Sodium (%)	99	98	0.22275	0.17494	0.19989	0.01941	0.00245	9.71%	0.01129	5.10%
036	Sulfur (%)	39	39	0.31721	0.02696	0.31973	0.02101	0.00421	6.57%	0.01129	4.75%
037	Zinc (mg / kg (ppm))	96	93	268.12	17.111	268.16	15.941	2.0663	5.94%	7.4215	6.90%
038	Molybdenum (mg / kg (ppm))	21	21	4.3599	0.41718	4.3746	0.38784	0.10579	8.87%	0.40732	12.81%
040	Barium (mg / kg (ppm))	3	3	12.131	0.45668	12.131	0.45668	0.32958	3.76%	0.58650	10.99%
041	Vanadium (mg / kg (ppm))	1	1	0.69000							

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042	Chloride (%)	5	4	1.0338	0.01196	1.0338	0.01196	0.00748	1.16%	0.03400	3.98%
101	Choline Chloride (mg / kg (ppm))	3	3	1,370.9	195.19	1,370.9	195.19	140.87	14.24%	69.367	5.39%
102	Niacin (mg / kg (ppm))	2	2	731.11	1.9696						
103	Pantothenic Acid (mg / kg (ppm))	1	1	11.800							
104	Riboflavin (mg / kg (ppm))	3	3	3.7833	1.9404	3.7833	1.9404	1.4004	51.29%	0.14000	13.09%
105	Thiamine (mg / kg (ppm))	3	3	3.7450	0.68790	3.7450	0.68790	0.49645	18.37%	0.25000	13.11%
106	Vitamin A (KU / kg)	19	18	25.875	9.3404	25.975	7.1959	2.1201	27.70%	3.8789	
107	Vitamin B12 (µg / kg (ppb))	2	2	50.425	41.543						
108	Vitamin D3 (KU / kg)	4	4	4.1363	1.1245	4.1363	1.1245	0.70281	27.19%	0.54250	
109	Vitamin E (IU / kg)	16	16	113.81	13.629	114.04	14.495	4.5296	12.71%	8.1151	
112	Pyridoxine (µg / g)	2	2	1.4457	1.2930						
113	Folic Acid (mg / kg (ppm))	1	1	0.74500							
114	Biotin (mg / kg (ppm))	2	2	0.48283	0.19986						
115	Non Protein N (NPN) (%)	1	1	1.4150							
118	Peroxide value (meq/kg)	1	1	2.8300							
120	Alanine (%)	33	33	0.85798	0.10535	0.85360	0.04279	0.00931	5.01%	0.01479	4.10%
121	Arginine (%)	33	33	1.1768	0.14818	1.1754	0.04920	0.01071	4.19%	0.03129	3.90%
122	Aspartic (%)	33	33	1.7747	0.26703	1.7650	0.08689	0.01891	4.92%	0.03302	3.67%
124	Cysteine/Cystine (%)	33	33	0.28154	0.05505	0.28284	0.03853	0.00838	13.62%	0.00833	4.84%
125	Glutamic (%)	33	32	3.0903	0.26485	3.0612	0.15732	0.03476	5.14%	0.05086	3.38%
126	Glycine (%)	33	32	0.84576	0.07758	0.83680	0.03231	0.00714	3.86%	0.01456	4.11%
127	Histidine (%)	33	33	0.42494	0.03173	0.42797	0.02474	0.00538	5.78%	0.01142	4.54%
128	Isoleucine (%)	33	33	0.65697	0.06619	0.66138	0.05412	0.01178	8.18%	0.01806	4.26%
129	Leucine (%)	33	32	1.2839	0.13249	1.2683	0.04411	0.00975	3.48%	0.02315	3.86%
130	L-Lysine (%)	35	34	0.90607	0.13326	0.88634	0.05700	0.01222	6.43%	0.02200	4.07%
131	Methionine (%)	35	34	0.27017	0.05228	0.26342	0.03072	0.00659	11.66%	0.01074	4.89%
132	Phenylalanine (%)	33	32	0.81585	0.04727	0.81783	0.03726	0.00823	4.56%	0.01520	4.12%
133	Proline (%)	32	31	1.0024	0.14670	0.98261	0.06799	0.01526	6.92%	0.02707	4.01%
134	Serine (%)	33	33	0.84374	0.09936	0.83257	0.05356	0.01166	6.43%	0.01947	4.11%
135	Threonine (%)	34	34	0.66145	0.05902	0.65708	0.03528	0.00756	5.37%	0.01569	4.26%
136	Tryptophan (%)	19	18	0.21188	0.05541	0.21907	0.03980	0.01173	18.17%	0.00468	5.03%
137	Tyrosine (%)	27	27	0.54875	0.11193	0.53855	0.09390	0.02259	17.44%	0.02141	4.39%
138	Valine (%)	33	32	0.81291	0.07482	0.81247	0.06499	0.01436	8.00%	0.02167	4.13%
139	Taurine (%)	5	3	0.02533	0.02656	0.02533	0.02656	0.01917	104.86%	0.00000	6.95%
160	Fructose (%)	4	4	0.65138	0.15329	0.65138	0.15329	0.09581	23.53%	0.06475	4.27%
161	Galactose (%)	1		0.00000							
162	Glucose (%)	4	3	0.23683	0.07394	0.23683	0.07394	0.05336	31.22%	0.02367	4.97%
163	Lactose (%)	4									
164	Maltose (%)	4	1								
165	Sucrose (%)	4	4	3.6249	0.35981	3.6249	0.35981	0.22488	9.93%	0.12125	3.30%

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166	Raffinose (%)	2	2	0.55550	0.04313						
167	Stachyose (%)	2	2	0.79175	0.12975						
319	Morantel Tartrate (mg/kg (ppm))	1	1	47.150							
345	Amprolium (mg/kg (ppm))	14	13	62.460	14.460	62.500	9.6148	3.3333	15.38%	1.8078	8.59%
351	Chlortetracycline (mg/kg (ppm))	5	4	2.2886	1.7709	2.2886	1.7709	1.1068	77.38%	0.43625	14.12%
354	Decoquinatate (mg/kg (ppm))	19	19	39.300	2.9411	39.424	3.0614	0.87790	7.77%	1.6273	9.20%
357	Ethoxyquin (mg/kg (ppm))	1	1	2.0000							
361	Lasalocid Sodium (mg/kg (ppm))	17	16	29.664	9.5266	27.539	2.4293	0.75915	8.82%	1.6796	9.71%
365	Monensin (mg/kg (ppm))	2	2	1.5900	0.29698						
400	Water Activity (Units)	8	8	0.51275	0.01977	0.51093	0.01798	0.00795	3.52%	0.00218	
412	Starch, Dietary (%)	1	1	20.700							
516	Arsenic, Total (mg / kg (ppm))	13	13	0.41571	0.38312	0.32757	0.10556	0.03660	32.23%	0.02504	18.92%
518	Cadmium (mg / kg (ppm))	10	8	0.09276	0.00414	0.09271	0.00457	0.00202	4.93%	0.00690	22.00%
520	Chromium (mg / kg (ppm))	11	11	7.4423	2.3194	7.6593	2.1531	0.81148	28.11%	0.32315	11.77%
526	Lead (mg / kg (ppm))	11	9	0.20243	0.02824	0.19989	0.02579	0.01075	12.90%	0.00927	20.38%
529	Mercury (µg / kg (ppb))	2	1	3.4600							
539	Nickel (mg / kg (ppm))	5	5	4.4921	1.1991	4.4921	1.1991	0.67032	26.69%	0.11962	12.76%
702	Butyric Acid (4:0) (%)	1	1	0.00650							
704	Caproic Acid (6:0) (%)	1	1	0.00700							
706	Caprylic acid (8:0) (%) (w/w)	1		0.00000							
708	Capric acid (10:0) (%) (w/w)	1		0.00000							
710	Lauric Acid (12:0) (%) (w/w)	4	3	0.00898	0.01042	0.00898	0.01042	0.00752	116.04%	0.00043	
714	Myristic Acid (14:0) (%) (w/w)	3	3	0.03683	0.00506	0.03683	0.00506	0.00365	13.74%	0.00713	
716	Palmitic Acid (16:0) (%) (w/w)	3	3	0.83102	0.11609	0.83102	0.11609	0.08378	13.97%	0.08237	
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	4	4	0.04373	0.00703	0.04373	0.00703	0.00439	16.08%	0.00055	
722	Stearic Acid (18:0) (%) (w/w)	2	2	0.13595	0.00771						
724	Oleic Acid (9c-18:1) (%) (w/w)	3	3	1.0550	0.16889	1.0550	0.16889	0.12189	16.01%	0.07693	
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	4	4	1.9866	0.16771	1.9866	0.16771	0.10482	8.44%	0.02473	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	4	3	0.18330	0.01935	0.18330	0.01935	0.01396	10.56%	0.00033	
730	Arachidic Acid (20:0) (%) (w/w)	2	2	0.02348	0.01276						
732	Gondoic Acid (11c-20:1) (%) (w/w)	2	2	0.05675	0.04066						
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%) (w/w)	2	1	0.01250							
738	Mead Acid (11c,14c,17c-20:3) (%) (w/w)	1		0.00000							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%) (w/w)	3	3	0.07138	0.05033	0.07138	0.05033	0.03632	70.51%	0.07123	
742	Behenic Acid (22:0) (%) (w/w)	2	1	0.01450							
744	Erucic Acid (13c-22:1) (%) (w/w)	2	1	0.00145							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w)	3	2	0.00568	0.00166	0.00568	0.00166	0.00147	29.23%	0.00315	
748	Lignoceric Acid (24:0) (%) (w/w)	1	1	0.01480							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	3	3	0.03187	0.00705	0.03187	0.00705	0.00509	22.12%	0.00080	
752	Nervonic Acid (24:1) isomers (%) (w/w)	2	1	0.00115							

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754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	2	2	0.26000	0.03536						
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	2	2	1.9800	0.22627						
758	Total Saturated Fatty Acids (% (w/w))	1	1	1.1200							
762	Total Monounsaturated Fatty Acids (% (w/w))	1	1	1.1000							
766	Total Polyunsaturated Fatty Acids (% (w/w))	1	1	2.0750							
770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	4.5150							
772	Total Fatty Acids (% (w/w))	2	2	4.1826	0.18728						

Notes: Robust statistics not used if < 6 labs reporting, in this case means and SD's may be reported based on Raw Data with obvious blunders removed.