



**AAFCO**  
Proficiency Testing Program



**Animal Feed Scheme**

**Lamb Feed, Medicated**

**Test Material Code # 201632**

**Analyte Summary Report**

**# Analytes Reported: 81**

**# Labs Reporting: 197**

**Issue Date : 01/31/2017**

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value - Robust Mean	AAFCO PT fp - Robust sd	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Horwitz %RSD
000	Urea (%)	1	1	0.90000							
001	Loss on Drying (%)	75	73	8.3663	0.47820	8.4154	0.35217	0.05152	4.18%	0.09173	2.90%
002	Protein (%)	198	194	19.473	0.39483	19.464	0.29338	0.02633	1.51%	0.13627	2.27%
003	Fat (%)	144	141	4.1279	0.28465	4.1198	0.24226	0.02550	5.88%	0.09850	3.23%
004	Fiber (%)	115	112	5.7382	0.60638	5.7018	0.46053	0.05440	8.08%	0.16641	3.08%
005	Ash (%)	144	139	7.8875	0.66175	7.8741	0.33233	0.03523	4.22%	0.07651	2.93%
006	Total sugars (%)	4	4	5.5725	0.97567	5.5725	0.97567	0.48784	17.51%	0.52500	3.09%
008	Fiber (%)	61	61	7.5793	0.88246	7.5894	0.55813	0.08933	7.35%	0.21440	2.95%
009	Fiber (%)	50	48	17.518	1.2319	17.463	1.0900	0.19667	6.24%	0.36858	2.39%
010	Moisture (%)	24	24	8.7020	0.69942	8.6162	0.50119	0.12788	5.82%	0.12329	2.89%
011	Loss on Drying (%)	78	75	9.3234	0.42674	9.3498	0.37277	0.05380	3.99%	0.12598	2.86%
012	Starch (%)	34	33	30.446	3.9736	30.233	2.2985	0.50014	7.60%	0.40538	1.82%
013	Fat (%)	57	56	5.1908	0.78389	5.2095	0.79193	0.13228	15.20%	0.16014	3.12%
015	Aluminum (mg / kg (ppm))	11	11	98.028	78.397	77.803	20.006	7.5402	25.71%	4.8743	8.31%
017	Boron (mg / kg (ppm))	14	13	10.780	0.71437	10.780	0.81010	0.28085	7.52%	0.29769	11.18%
019	Calcium (%)	140	139	1.4815	0.21515	1.4928	0.08553	0.00907	5.73%	0.03853	3.77%
021	Cobalt (mg / kg (ppm))	25	25	4.1179	0.71737	4.0991	0.62356	0.15589	15.21%	0.20140	12.94%
022	Copper (mg / kg (ppm))	93	91	26.843	4.0825	26.980	2.2036	0.28875	8.17%	1.3657	9.74%
024	Iodine (mg / kg (ppm))	1	1	5.7500							
025	Iron (mg / kg (ppm))	81	81	204.74	34.842	208.85	17.606	2.4453	8.43%	7.2194	7.16%
027	Magnesium (%)	92	91	0.28076	0.03162	0.28279	0.01750	0.00229	6.19%	0.00823	4.84%
028	Manganese (mg / kg (ppm))	94	92	140.82	16.446	141.94	9.1488	1.1923	6.45%	4.6303	7.59%
031	Phosphorus (%)	136	132	0.62355	0.03965	0.62547	0.03091	0.00336	4.94%	0.01222	4.29%
032	Potassium (%)	102	98	1.2452	0.07287	1.2452	0.06478	0.00818	5.20%	0.02964	3.87%
033	Salt as chloride (%)	68	67	1.7427	0.19028	1.7484	0.09489	0.01449	5.43%	0.03505	3.68%
034	Selenium (mg / kg (ppm))	24	24	1.6903	0.59464	1.6083	0.31419	0.08017	19.54%	0.10620	14.89%
035	Sodium (%)	99	97	0.36683	0.04434	0.36914	0.02293	0.00291	6.21%	0.01075	4.65%
036	Sulfur (%)	45	45	0.28442	0.02254	0.28521	0.02002	0.00373	7.02%	0.00910	4.83%
037	Zinc (mg / kg (ppm))	95	92	254.20	24.509	254.19	17.757	2.3141	6.99%	8.0222	6.95%
038	Molybdenum (mg / kg (ppm))	17	17	3.6282	0.39313	3.6143	0.37751	0.11445	10.44%	0.18564	13.18%

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040	Barium (mg / kg (ppm))	3	3	9.8685	0.62953	9.8685	0.62953	0.36346	6.38%	0.42220	11.33%
042	Chloride (%)	4	4	1.2050	0.30722	1.2050	0.30722	0.15361	25.50%	0.04000	3.89%
051	Chlortetracycline (mg / kg (ppm))	21	21	47.969	12.888	46.093	9.1150	2.4863	19.78%	3.0810	8.99%
054	Decoquinatate (mg / kg (ppm))	17	17	26.897	5.9016	25.940	1.6427	0.49800	6.33%	0.92265	9.80%
061	Lasalocid Sodium (mg / kg (ppm))	24	23	24.179	3.6371	23.812	3.1063	0.80965	13.05%	1.5373	9.93%
101	Choline Chloride (mg / kg (ppm))	3	3	1,233.1	299.93	1,233.1	299.93	173.16	24.32%	70.760	5.48%
102	Niacin (mg / kg (ppm))	3	3	794.43	150.42	794.43	150.42	86.845	18.93%	15.610	5.86%
103	Pantothenic Acid (mg / kg (ppm))	1	1	11.425							
104	Riboflavin (mg / kg (ppm))	3	3	2.7417	0.84765	2.7417	0.84765	0.48939	30.92%	0.55000	13.74%
105	Thiamine (mg / kg (ppm))	4	4	4.8936	1.2053	4.8936	1.2053	0.60265	24.63%	0.11775	12.60%
106	Vitamin A (KU / kg)	28	28	25.346	5.4587	25.288	5.1134	1.2079	20.22%	3.8229	
107	Vitamin B12 (µg / kg (ppb))	1	1	8.5700							
108	Vitamin D3 (KU / kg)	7	7	4.2921	1.3357	4.2921	1.5147	0.71564	35.29%	0.55000	
109	Vitamin E (IU/kg)	16	16	208.92	48.092	210.54	35.223	11.007	16.73%	7.1673	
112	Pyridoxine (µg / g)	1	1	5.2050							
113	Folic Acid (mg / kg (ppm))	1	1	0.46750							
114	Biotin (mg / kg (ppm))	1	1	0.47350							
120	Alanine (%)	19	18	0.89377	0.01999	0.89555	0.01853	0.00546	2.07%	0.00906	4.07%
121	Arginine (%)	19	18	1.2271	0.06439	1.2212	0.04114	0.01212	3.37%	0.01448	3.88%
122	Aspartic (%)	19	18	1.7266	0.05642	1.7239	0.03569	0.01051	2.07%	0.02096	3.68%
124	Cysteine/Cystine (%)	18	18	0.32018	0.02726	0.31757	0.02132	0.00628	6.71%	0.00712	4.75%
125	Glutamic (%)	19	18	3.3783	0.14292	3.3506	0.05747	0.01693	1.72%	0.04225	3.33%
126	Glycine (%)	19	18	0.84566	0.03677	0.84425	0.01301	0.00383	1.54%	0.01074	4.10%
127	Histidine (%)	19	19	0.48258	0.03900	0.47656	0.02264	0.00649	4.75%	0.00825	4.47%
128	Isoleucine (%)	19	18	0.71294	0.04350	0.71781	0.03684	0.01085	5.13%	0.01209	4.20%
129	Leucine (%)	19	18	1.4073	0.04733	1.4074	0.02641	0.00778	1.88%	0.01706	3.80%
130	L-Lysine (%)	20	19	0.92643	0.04146	0.92381	0.02349	0.00674	2.54%	0.01275	4.05%
131	Methionine (%)	19	19	0.27435	0.02259	0.27183	0.01928	0.00553	7.09%	0.00594	4.87%
132	Phenylalanine (%)	19	19	0.85565	0.03598	0.85078	0.02451	0.00703	2.88%	0.01921	4.10%
133	Proline (%)	18	16	1.0749	0.03096	1.0781	0.02613	0.00817	2.42%	0.01690	3.95%
134	Serine (%)	19	19	0.86349	0.04914	0.86341	0.04787	0.01373	5.54%	0.01823	4.09%
135	Threonine (%)	19	18	0.67773	0.02371	0.67625	0.02308	0.00680	3.41%	0.00715	4.24%
136	Tryptophan (%)	11	10	0.23538	0.02007	0.23644	0.01480	0.00585	6.26%	0.00455	4.97%
137	Tyrosine (%)	15	15	0.53580	0.09542	0.55207	0.06797	0.02194	12.31%	0.02430	4.37%
138	Valine (%)	19	18	0.85397	0.04036	0.85713	0.03812	0.01123	4.45%	0.01714	4.09%
139	Taurine (%)	3	2	0.10000	0.08485	0.10000	0.08485	0.06000	84.85%	0.03000	5.66%
160	Fructose (%)	4	4	0.30588	0.07977	0.30588	0.07977	0.03989	26.08%	0.02975	4.78%
162	Glucose (%)	4	3	0.32483	0.14785	0.32483	0.14785	0.08536	45.52%	0.08700	4.74%

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163	Lactose (%)	2		0.00000							
164	Maltose (%)	2	2	0.30225	0.07389						
165	Sucrose (%)	5	5	2.9372	0.32635	2.9372	0.32635	0.14595	11.11%	0.04920	3.40%
166	Raffinose (%)	3	3	0.78433	0.13183	0.78433	0.13183	0.07611	16.81%	0.00867	4.15%
167	Stachyose (%)	3	3	1.0900	0.14309	1.0900	0.14309	0.08261	13.13%	0.02533	3.95%
351	Chlortetracycline, residual (µg / kg (ppb))	1	1	34.615							
361	Lasalocid sodium, residual (µg / kg (ppb))	1	1	11.193							
400	Water activity (Units)	8	8	0.44426	0.03800	0.44486	0.04175	0.01845	9.39%	0.00650	
516	Arsenic, total (mg / kg (ppm))	7	7	0.12404	0.05844	0.10671	0.01762	0.00833	16.52%	0.01497	22.00%
518	Cadmium (mg / kg (ppm))	8	8	0.07403	0.02003	0.07564	0.01886	0.00834	24.94%	0.00786	22.00%
520	Chromium (mg / kg (ppm))	5	5	2.8611	0.80182	2.8611	0.80182	0.35858	28.02%	0.22010	13.66%
526	Lead (mg / kg (ppm))	7	6	0.16393	0.02473	0.16393	0.02805	0.01431	17.11%	0.02097	21.00%
539	Nickel (mg / kg (ppm))	2	2	2.3834	0.02355						

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.