



AAFCO
Proficiency Testing Program



Animal Feed Scheme

Lamb Feed, Medicated

Test Material Code # 201731

Analyte Summary Report

Analytes Reported: 101

Labs Reporting: 196

Issue Date : 12/31/2017

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	1.1000							
001	Loss on Drying (%)	79	78	8.7655	0.46734	8.8129	0.29814	0.04220	3.38%	0.09772	2.88%
002	Protein (%)	192	187	17.910	0.61887	17.844	0.28412	0.02597	1.59%	0.13814	2.37%
003	Fat (%)	152	151	2.5598	0.57711	2.5529	0.59137	0.06016	23.16%	0.12768	3.47%
004	Fiber (%)	125	124	9.2464	0.89132	9.1963	0.77668	0.08719	8.45%	0.27713	2.86%
005	Ash (%)	147	143	13.544	0.90044	13.615	0.49805	0.05206	3.66%	0.12450	2.70%
006	Total sugars (%)	6	6	2.9961	1.5527	3.0159	1.7146	0.87496	56.85%	0.31732	3.39%
008	Fiber (%)	60	59	11.654	0.97885	11.601	0.76976	0.12527	6.64%	0.25844	2.77%
009	Fiber (%)	62	61	24.818	1.5258	24.831	1.4489	0.23189	5.84%	0.41531	2.01%
010	Moisture (%)	31	30	8.9311	0.48994	8.8953	0.40159	0.09165	4.51%	0.10410	2.88%
011	Loss on Drying (%)	68	68	9.4805	0.34939	9.5147	0.29043	0.04402	3.05%	0.11191	2.85%
012	Starch (%)	35	33	19.696	1.6534	19.806	1.2200	0.26547	6.16%	0.36766	2.25%
013	Fat (%)	47	47	4.0118	0.76149	4.0310	0.72011	0.13130	17.86%	0.13931	3.24%
015	Aluminum (mg / kg (ppm))	12	12	230.45	27.348	230.26	30.594	11.040	13.29%	4.7983	7.06%
017	Boron (mg / kg (ppm))	14	12	10.461	1.4508	10.317	1.2724	0.45914	12.33%	0.27525	11.26%
019	Calcium (%)	141	140	2.9310	0.16593	2.9330	0.14280	0.01509	4.87%	0.05423	3.40%
021	Cobalt (mg / kg (ppm))	25	25	3.0078	0.47451	3.0118	0.47269	0.11817	15.69%	0.17408	13.55%
022	Copper (mg / kg (ppm))	94	91	11.135	2.1681	10.869	1.1854	0.15533	10.91%	0.61879	11.17%
023	Fluorine (mg / kg (ppm))	1	1	48.350							
024	Iodine (mg / kg (ppm))	1	1	7.2000							
025	Iron (mg / kg (ppm))	80	78	572.87	90.048	586.52	49.230	6.9677	8.39%	17.643	6.13%
027	Magnesium (%)	103	102	0.59212	0.05220	0.58867	0.02940	0.00364	5.00%	0.01135	4.33%
028	Manganese (mg / kg (ppm))	93	92	322.60	28.660	323.93	20.623	2.6876	6.37%	9.3849	6.70%
031	Phosphorus (%)	137	136	1.0597	0.06154	1.0635	0.04988	0.00535	4.69%	0.02167	3.96%
032	Potassium (%)	99	96	1.2031	0.09706	1.2033	0.06565	0.00838	5.46%	0.02427	3.89%
033	Salt as chloride (%)	72	69	3.1738	0.26043	3.2126	0.12475	0.01877	3.88%	0.04287	3.36%
034	Selenium (mg / kg (ppm))	25	25	1.7819	0.31363	1.7881	0.31698	0.07925	17.73%	0.09152	14.66%
035	Sodium (%)	93	91	0.92103	0.09235	0.93138	0.05632	0.00738	6.05%	0.02175	4.04%
036	Sulfur (%)	37	36	0.33370	0.02624	0.33200	0.02573	0.00536	7.75%	0.00729	4.72%
037	Zinc (mg / kg (ppm))	99	96	341.50	38.331	344.87	27.219	3.4725	7.89%	12.234	6.64%

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038	Molybdenum (mg / kg (ppm))	21	21	7.5334	0.95549	7.4571	0.88443	0.24125	11.86%	0.47216	11.82%
040	Barium (mg / kg (ppm))	2	2	15.128	0.93596						
042	Chloride (%)	2	2	1.9958	0.00106						
101	Choline Chloride (mg / kg (ppm))	3	3	977.83	381.15	977.83	381.15	275.07	38.98%	25.667	5.68%
102	Niacin (mg / kg (ppm))	1	1	102.50							
103	Pantothenic Acid (mg / kg (ppm))	1	1	8.4700							
104	Riboflavin (mg / kg (ppm))	3	3	2.1533	1.1602	2.1533	1.1602	0.83730	53.88%	0.43333	14.25%
105	Thiamine (mg / kg (ppm))	2	2	3.8150	0.59397						
106	Vitamin A (KU / kg)	28	28	61.468	13.561	61.913	14.217	3.3585	22.96%	8.3451	
108	Vitamin D3 (KU / kg)	7	7	4.9164	0.97675	4.8413	0.92839	0.43862	19.18%	0.62143	
109	Vitamin E (IU/kg)	18	17	247.38	37.097	250.32	34.169	10.359	13.65%	9.5546	
112	Pyridoxine (µg / g)	1	1	6.8900							
113	Folic Acid (mg / kg (ppm))	1	1	1.3650							
114	Biotin (mg / kg (ppm))	1	1	0.19800							
120	Alanine (%)	24	23	0.84744	0.03954	0.84364	0.02497	0.00651	2.96%	0.00909	4.10%
121	Arginine (%)	23	23	1.0761	0.04478	1.0737	0.02844	0.00741	2.65%	0.01291	3.96%
122	Aspartic (%)	24	23	1.4519	0.07773	1.4454	0.07015	0.01828	4.85%	0.02405	3.78%
124	Cysteine/Cystine (%)	23	23	0.30179	0.02387	0.30082	0.02083	0.00543	6.92%	0.00935	4.79%
125	Glutamic (%)	24	24	2.9513	0.18323	2.9352	0.13927	0.03553	4.74%	0.03975	3.40%
126	Glycine (%)	24	22	0.84313	0.03913	0.83962	0.02468	0.00658	2.94%	0.00554	4.11%
127	Histidine (%)	23	23	0.43134	0.02075	0.43258	0.02085	0.00544	4.82%	0.00770	4.54%
128	Isoleucine (%)	24	24	0.61543	0.06059	0.61107	0.03778	0.00964	6.18%	0.01012	4.31%
129	Leucine (%)	24	23	1.2490	0.05610	1.2421	0.03543	0.00924	2.85%	0.01450	3.87%
130	L-Lysine (%)	25	25	0.79777	0.05563	0.79969	0.03663	0.00916	4.58%	0.01247	4.14%
131	Methionine (%)	23	22	0.24686	0.01783	0.24708	0.01489	0.00397	6.03%	0.00780	4.94%
132	Phenylalanine (%)	23	23	0.74022	0.04023	0.74041	0.03037	0.00792	4.10%	0.01443	4.18%
133	Proline (%)	23	23	0.99431	0.06348	0.99342	0.05368	0.01399	5.40%	0.02481	4.00%
134	Serine (%)	24	23	0.78686	0.05026	0.78733	0.03240	0.00844	4.12%	0.01217	4.15%
135	Threonine (%)	24	24	0.60901	0.03757	0.60466	0.03036	0.00775	5.02%	0.00906	4.31%
136	Tryptophan (%)	16	15	0.21444	0.02397	0.21366	0.01742	0.00562	8.15%	0.00641	5.05%
137	Tyrosine (%)	19	18	0.50382	0.08125	0.51977	0.04107	0.01210	7.90%	0.01063	4.41%
138	Valine (%)	24	23	0.77332	0.04027	0.77539	0.03412	0.00889	4.40%	0.00936	4.16%
139	Taurine (%)	3	2	0.15125	0.06894	0.15125	0.06894	0.06093	45.58%	0.00750	5.31%
160	Fructose (%)	6	4	0.18164	0.07740	0.18164	0.07740	0.04837	42.61%	0.04288	5.17%
161	Galactose (%)	1		0.00000							
162	Glucose (%)	4	2	0.13250	0.09546	0.13250	0.09546	0.08438	72.05%	0.01700	5.42%
163	Lactose (%)	4									
164	Maltose (%)	3	1								

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165	Sucrose (%)	7	7	1.7718	0.18394	1.7420	0.13305	0.06286	7.64%	0.10319	3.68%
166	Raffinose (%)	3	3	0.70817	0.15314	0.70817	0.15314	0.11052	21.62%	0.01700	4.21%
167	Stachyose (%)	3	3	0.71900	0.13683	0.71900	0.13683	0.09875	19.03%	0.02400	4.20%
354	Decoquinatate (mg/kg (ppm))	4	3	0.69933	0.13359	0.69933	0.13359	0.09641	19.10%	0.01333	16.88%
361	Lasalocid sodium (mg/kg (ppm))	26	26	26.749	4.1694	26.756	2.3923	0.58647	8.94%	1.3204	9.75%
373	Oxytetracycline (mg/kg (ppm))	2	2	0.84575	0.24855						
392	Fenbendazole (mg/kg (ppm))	2	1	0.33000							
400	Water activity (Units)	8	8	0.53658	0.02631	0.53666	0.02965	0.01310	5.52%	0.00290	
412	Dietary Starch (%)	1	1	18.615							
516	Arsenic, total (mg / kg (ppm))	11	11	0.42386	0.09435	0.41023	0.07620	0.02872	18.58%	0.03278	18.29%
518	Cadmium (mg / kg (ppm))	9	9	0.16809	0.01911	0.16809	0.02167	0.00903	12.89%	0.00630	20.92%
520	Chromium (mg / kg (ppm))	8	8	6.4215	1.7964	6.4215	2.0372	0.90031	31.72%	0.27566	12.09%
526	Lead (mg / kg (ppm))	11	10	0.31222	0.12206	0.32409	0.07279	0.02877	22.46%	0.02316	18.95%
529	Mercury (µg / kg (ppb))	2	2	14.850	12.233						
539	Nickel (mg / kg (ppm))	6	6	3.5792	0.57045	3.5953	0.60915	0.31086	16.94%	0.09468	13.19%
710	Lauric Acid (12:0) (% (w/w))	1		0.00000							
714	Myristic Acid (14:0) (% (w/w))	1	1	0.01180							
716	Palmitic Acid (16:0) (% (w/w))	1	1	0.58410							
718	Palmitoleic Acid (9c-16:1) (% (w/w))	1	1	0.01415							
722	Stearic Acid (18:0) (% (w/w))	1	1	0.08135							
724	Oleic Acid (9c-18:1) (% (w/w))	1	1	0.68705							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	1	1	1.7391							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	1	1	0.12305							
730	Arachidic Acid (20:0) (% (w/w))	1	1	0.01060							
732	Gondoic Acid (11c-20:1) (% (w/w))	1	1	0.01340							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-21:5) (% (w/w))	1	1	0.00780							
742	Behenic Acid (22:0) (% (w/w))	1	1	0.00895							
744	Erucic Acid (13c-22:1) (% (w/w))	1		0.00000							
746	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c (w/w)	1		0.00000							
748	Lignoceric Acid (24:0) (% (w/w))	1	1	0.01170							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c) (w/w)	1	1	0.00725							
752	Nervonic Acid (24:1) isomers (% (w/w))	1		0.00000							
772	Total Fatty Acids (% (w/w))	1	1	3.3481							

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.