



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme
Sheep feed, Medicated
Test Material Code # 202222

Analyte Summary Report

Labs Reporting: 170
Analytes Reported: 103
Issue Date : 03/31/2022

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	AAFCO #fp Robust SD	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Thompson Horwitz %RSD
000	Urea (%)	1	1	0.9000							
001	Loss on Drying (%)	71	68	7.024	0.5497	7.020	0.3231	0.0490	4.60%	0.1025	2.98%
002	Protein, Crude (%)	162	159	12.72	0.5404	12.70	0.2603	0.0258	2.05%	0.1339	2.73%
003	Fat, Crude (%)	131	129	2.930	0.3865	2.937	0.3238	0.0356	11.02%	0.1003	3.40%
004	Fiber, Crude (%)	107	105	14.02	2.580	13.97	1.922	0.2345	13.76%	0.3607	2.68%
005	Ash (%)	131	126	16.35	0.9442	16.46	0.6119	0.0681	3.72%	0.1450	2.46%
006	Total Sugars (%)	10	10	4.231	1.085	4.068	0.7874	0.3113	19.36%	0.1404	3.24%
008	Fiber, Acid Detergent (%)	61	59	17.05	1.246	16.94	0.9769	0.1590	5.77%	0.3741	2.43%
009	Fiber, Neutral Detergent (%)	58	57	32.09	3.254	32.35	1.678	0.2778	5.19%	0.4722	1.76%
010	Moisture (%)	21	20	7.004	0.6581	6.918	0.4112	0.1149	5.94%	0.0978	2.99%
011	Loss on Drying, HT (%)	67	65	8.018	0.6000	8.001	0.4449	0.0690	5.56%	0.1456	2.92%
012	Starch (%)	38	37	16.19	1.280	16.16	0.8692	0.1786	5.38%	0.3598	2.49%
013	Fat, Acid Pretreat (%)	48	47	3.933	0.7548	3.879	0.6579	0.1200	16.96%	0.1706	3.26%
015	Aluminum (ppm)	19	18	212.7	43.86	215.5	34.05	10.03	15.80%	4.507	7.13%
017	Boron (ppm)	18	16	7.859	1.881	7.534	1.402	0.4380	18.60%	0.4742	11.80%
019	Calcium (%)	120	116	4.156	0.2923	4.167	0.2163	0.0251	5.19%	0.0838	3.23%
021	Cobalt (ppm)	29	28	6.879	1.342	6.884	1.415	0.3342	20.55%	0.2028	11.97%
022	Copper (ppm)	79	77	13.27	4.171	12.99	1.991	0.2836	15.33%	0.6275	10.88%
024	Iodine (ppm)	1	1	8.770							
025	Iron (ppm)	80	79	536.2	113.2	552.6	65.11	9.157	11.78%	15.49	6.18%
027	Magnesium (%)	89	87	0.5928	0.0736	0.5900	0.0384	0.0051	6.50%	0.0121	4.33%
028	Manganese (ppm)	87	84	497.1	48.03	498.4	38.69	5.277	7.76%	12.98	6.28%
030	Nitrate (%)	1	1	0.0079							
031	Phosphorus (%)	116	114	1.198	0.0703	1.201	0.0595	0.0070	4.96%	0.0232	3.89%
032	Potassium (%)	90	88	0.9662	0.0906	0.9715	0.0599	0.0080	6.16%	0.0243	4.02%
033	Salt as chloride (%)	66	64	2.244	0.1917	2.280	0.1156	0.0181	5.07%	0.0315	3.53%
034	Selenium, Total (Se) (ppm)	28	27	5.671	1.362	5.536	1.005	0.2418	18.16%	0.3131	12.36%
035	Sodium (%)	90	87	0.6878	0.1088	0.6897	0.0432	0.0058	6.26%	0.0165	4.23%
036	Sulfur (%)	51	51	0.3246	0.0242	0.3251	0.0221	0.0039	6.81%	0.0077	4.74%

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037	Zinc (ppm)	91	90	934.9	187.2	961.0	92.98	12.25	9.68%	24.33	5.69%
038	Molybdenum (ppm)	22	22	7.932	1.106	7.976	0.9953	0.2652	12.48%	0.3142	11.70%
040	Barium (ppm)	3	3	16.32	1.148	16.32	1.148	0.6627	7.03%	1.322	10.51%
041	Vanadium (ppm)	2	2	3.823	0.0449						
042	Chloride (%)	4	4	1.446	0.0403	1.446	0.0403	0.0201	2.79%	0.0225	3.78%
101	Choline Chloride (ppm)	1	1	1,240							
102	Niacin (ppm)	1	1	76.35							
103	Pantothenic Acid (ppm)	1	1	13.05							
104	Riboflavin (ppm)	1	1	5.990							
105	Thiamine (ppm)	1	1	3.660							
106	Vitamin A (KU / kg)	13	13	48.25	11.28	48.25	12.79	4.434	26.51%	6.629	
107	Vitamin B12 (ppb)	1	1	23.55							
108	Vitamin D3 (KU / kg)	5	5	4.360	0.7505	4.360	0.7505	0.3356	17.21%	0.5280	
109	Vitamin E (IU / kg)	12	12	239.0	38.37	237.3	29.29	10.57	12.34%	22.85	
111	Vitamin C, Phosphorylated (ppm)	1		4.400							
112	Pyridoxine (µg / g)	1	1	4.410							
113	Folic Acid (ppm)	1	1	1.070							
114	Biotin (ppm)	1	1	0.2405							
115	Non Protein N (NPN) (%)	2	2	0.8625	0.3218						
118	Peroxide value (meq/kg)	1	1	4.850							
120	Alanine (%)	27	26	0.5829	0.0362	0.5836	0.0264	0.0065	4.53%	0.0120	4.34%
121	Arginine (%)	27	26	0.6828	0.0277	0.6844	0.0276	0.0068	4.04%	0.0179	4.23%
122	Aspartic (%)	27	25	0.8511	0.0461	0.8475	0.0425	0.0106	5.01%	0.0130	4.10%
124	Cysteine/Cystine (%)	26	25	0.2389	0.0353	0.2395	0.0262	0.0065	10.93%	0.0076	4.96%
125	Glutamic (%)	27	26	2.035	0.1073	2.017	0.0692	0.0170	3.43%	0.0337	3.60%
126	Glycine (%)	27	25	0.6109	0.0340	0.6065	0.0187	0.0047	3.08%	0.0132	4.31%
127	Histidine (%)	27	26	0.3025	0.0242	0.3048	0.0177	0.0043	5.80%	0.0111	4.78%
128	Isoleucine (%)	27	26	0.3686	0.0289	0.3679	0.0278	0.0068	7.55%	0.0085	4.65%
129	Leucine (%)	27	26	0.7752	0.0345	0.7742	0.0261	0.0064	3.37%	0.0169	4.16%
130	L-Lysine (%)	28	27	0.4682	0.0354	0.4686	0.0243	0.0059	5.19%	0.0145	4.48%
131	Methionine (%)	27	26	0.1700	0.0368	0.1651	0.0207	0.0051	12.54%	0.0068	5.25%
132	Phenylalanine (%)	27	26	0.4460	0.0260	0.4440	0.0216	0.0053	4.86%	0.0151	4.52%
133	Proline (%)	26	25	0.7364	0.1042	0.7450	0.0687	0.0172	9.22%	0.0219	4.18%
134	Serine (%)	27	26	0.5098	0.0332	0.5094	0.0339	0.0083	6.66%	0.0124	4.43%
135	Threonine (%)	27	26	0.3965	0.0253	0.3945	0.0229	0.0056	5.80%	0.0109	4.60%
136	Tryptophan (%)	16	16	0.1641	0.0548	0.1636	0.0283	0.0088	17.28%	0.0048	5.25%
137	Tyrosine (%)	24	23	0.3360	0.0435	0.3355	0.0456	0.0119	13.60%	0.0137	4.71%
138	Valine (%)	27	26	0.5308	0.0411	0.5320	0.0294	0.0072	5.52%	0.0151	4.40%
139	Taurine (%)	6	3	0.0227	0.0163	0.0227	0.0163	0.0117	71.72%	0.0020	7.07%
160	Fructose (%)	3	3	0.2617	0.1030	0.2617	0.1030	0.0595	39.36%	0.0020	4.89%

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161	Galactose (%)	1		0.0000							
162	Glucose (%)	3	3	0.3587	0.1082	0.3587	0.1082	0.0625	30.17%	0.0107	4.67%
163	Lactose (%)	3									
164	Maltose (%)	2	2	0.2375	0.0248						
165	Sucrose (%)	4	4	1.333	0.1044	1.333	0.1044	0.0522	7.83%	0.0350	3.83%
166	Raffinose (%)	3	3	0.5405	0.1405	0.5405	0.1405	0.0811	26.00%	0.1103	4.39%
167	Stachyose (%)	3	2	0.1790	0.1782	0.1790	0.1782	0.1260	99.55%	0.0350	5.18%
354	Decoquinatate (ppm)	12	11	285.5	48.86	291.8	38.59	14.55	13.23%	9.389	6.81%
400	Water Activity (Units)	17	17	0.3463	0.0528	0.3422	0.0337	0.0102	9.86%	0.0123	
413	Starch, Resistant (%)	1	1	21.58							
516	Arsenic, Total (As) (ppm)	11	10	0.1472	0.0513	0.1514	0.0479	0.0189	31.66%	0.0095	21.25%
518	Cadmium (ppm)	13	13	0.1653	0.0406	0.1608	0.0338	0.0117	21.00%	0.0078	21.06%
520	Chromium, Total (Cr) (ppm)	15	15	14.02	4.654	14.02	5.278	1.703	37.65%	0.5140	10.75%
526	Lead (ppm)	12	11	0.3426	0.0994	0.3359	0.0570	0.0215	16.97%	0.0487	18.85%
529	Mercury (ppb)	4	2	2.865	1.605	2.865	1.605	1.135	56.00%	2.434	22.00%
539	Nickel (ppm)	10	10	8.250	2.068	8.282	2.275	0.8992	27.47%	0.2434	11.64%
710	Lauric Acid (12:0) (%) (w/w)	1		0.0050							
714	Myristic Acid (14:0) (%) (w/w)	1	1	0.0069							
716	Palmitic Acid (16:0) (%) (w/w)	1	1	0.5439							
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	1	1	0.0080							
722	Stearic Acid (18:0) (%) (w/w)	1	1	0.0572							
724	Oleic Acid (9c-18:1) (%) (w/w)	1	1	0.5571							
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	1	1	1.553							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	1	1	0.1095							
730	Arachidic Acid (20:0) (%) (w/w)	1	1	0.0095							
732	Gondoic Acid (11c-20:1) (%) (w/w)	1	1	0.0180							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%) (w/w)	1		0.0050							
742	Behenic Acid (22:0) (%) (w/w)	1	1	0.0085							
744	Erucic Acid (13c-22:1) (%) (w/w)	1		0.0050							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w)	1		0.0050							
748	Lignoceric Acid (24:0) (%) (w/w)	1	1	0.0117							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	1		0.0050							
752	Nervonic Acid (24:1) isomers (%) (w/w)	1		0.0050							
772	Total Fatty Acids (%) (w/w)	1	1	2.883							

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. Robust Assigned Values indicated in bold font.