



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme
Dry Dog Feed
Test Material Code # 202622

Analyte Summary Report

Labs Reporting: 180
Analytes Reported: 106
Issue Date : 03/31/2026

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 (Rob R-bar)	Thompson Horwitz %RSD
000	Urea (%)	1	1	0.2450							
001	Loss on Drying (%)	88	86	5.527	0.4988	5.589	0.1962	0.0264	3.51%	0.0914	3.09%
002	Protein, Crude (%)	173	170	28.27	0.4328	28.28	0.3369	0.0323	1.19%	0.1763	1.88%
003	Fat, Crude (%)	101	97	12.06	1.034	11.87	0.3475	0.0441	2.93%	0.1275	2.76%
004	Fiber, Crude (%)	96	94	2.251	0.7093	2.145	0.3940	0.0508	18.37%	0.1177	3.57%
005	Ash (%)	133	127	7.601	0.2579	7.597	0.1108	0.0123	1.46%	0.0530	2.95%
006	Total Sugars (%)	5	4	1.508	1.396	1.508	1.396	0.6978	92.55%	0.0941	3.76%
008	Fiber, Acid Detergent (%)	36	35	4.080	1.523	3.838	1.109	0.2344	28.90%	0.2009	3.27%
009	Fiber, Neutral Detergent (%)	32	31	12.61	3.045	12.43	2.989	0.6710	24.04%	0.5328	2.74%
010	Moisture (%)	23	23	5.590	0.4199	5.554	0.3603	0.0939	6.49%	0.1529	3.09%
011	Loss on Drying, HT (%)	68	67	6.011	0.3873	6.026	0.3821	0.0584	6.34%	0.1019	3.05%
012	Starch (%)	28	27	33.14	1.473	33.21	1.440	0.3464	4.34%	0.6066	1.74%
013	Fat, Pretreat (%)	107	106	15.43	0.8270	15.51	0.6113	0.0742	3.94%	0.2441	2.54%
014	Fiber, Total Dietary (%)	1	1	8.550							
015	Aluminum (ppm)	11	11	62.01	18.62	62.44	20.17	7.601	32.30%	3.972	8.59%
017	Boron (ppm)	14	14	3.494	1.210	3.194	0.5117	0.1710	16.02%	0.6644	13.43%
019	Calcium (%)	137	133	1.743	0.1369	1.751	0.0775	0.0084	4.43%	0.0362	3.68%
021	Cobalt (ppm)	16	14	1.198	0.3760	1.214	0.3393	0.1134	27.95%	0.0712	15.54%
022	Copper (ppm)	106	102	11.67	1.610	11.58	1.211	0.1499	10.46%	0.4212	11.07%
024	Iodine (ppm)	1	1	2.140							
025	Iron (ppm)	71	67	159.1	15.71	158.6	14.30	2.183	9.01%	3.152	7.46%
027	Magnesium (%)	111	110	0.1274	0.1019	0.1166	0.0055	0.0007	4.69%	0.0035	5.53%
028	Manganese (ppm)	108	106	25.53	3.199	25.58	1.615	0.1961	6.32%	1.151	9.82%
030	Nitrate (%)	1		0.0000							
031	Phosphorus (%)	134	130	1.061	0.1006	1.073	0.0441	0.0048	4.11%	0.0236	3.96%
032	Potassium (%)	112	109	0.7065	0.0553	0.7107	0.0312	0.0037	4.40%	0.0162	4.21%
033	Salt as chloride (%)	41	39	1.168	0.0894	1.183	0.0613	0.0123	5.18%	0.0206	3.90%
034	Selenium, Total (Se) (ppm)	25	22	0.7847	0.2671	0.7583	0.2383	0.0635	31.43%	0.0378	16.68%
035	Sodium (%)	109	107	0.3463	0.0465	0.3468	0.0153	0.0018	4.41%	0.0082	4.69%

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036	Sulfur (%)	39	38	0.4202	0.0300	0.4192	0.0315	0.0064	7.52%	0.0111	4.56%
037	Zinc (ppm)	111	109	189.8	13.79	189.9	11.72	1.404	6.17%	4.204	7.26%
038	Molybdenum (ppm)	21	16	0.6668	0.1811	0.6384	0.1348	0.0421	21.12%	0.0469	17.11%
040	Barium (ppm)	2	2	6.791	0.5213						
041	Vanadium (ppm)	1	1	0.1941							
042	Chloride (%)	9	8	0.7274	0.0120	0.7274	0.0136	0.0060	1.87%	0.0144	4.20%
101	Choline Chloride (ppm)	3	3	2,135	624.4	2,135	624.4	360.5	29.24%	74.54	5.05%
102	Niacin (ppm)	3	3	113.4	23.93	113.4	23.93	13.81	21.09%	4.667	7.85%
103	Pantothenic Acid (ppm)	1	1	41.25							
104	Riboflavin (ppm)	4	4	10.24	1.066	10.24	1.066	0.5329	10.41%	0.6700	11.27%
105	Thiamine (ppm)	4	4	26.56	5.708	26.56	5.708	2.854	21.49%	1.230	9.77%
106	Vitamin A (KU / kg)	15	14	1,414	4,360	14.76	4.423	1.478	29.98%	1.672	
107	Vitamin B12 (ppb)	1	1	57.30							
108	Vitamin D3 (KU / kg)	11	10	1.317	0.2764	1.317	0.3135	0.1239	23.80%	0.1148	
109	Vitamin E (IU / kg)	17	16	166.1	41.76	162.7	37.91	11.85	23.29%	6.415	
111	Vitamin C, Phosphorylated (ppm)	1		4.400							
112	Pyridoxine (µg / g)	3	3	9.800	4.472	9.800	4.472	2.582	45.63%	0.7333	11.35%
113	Folic Acid (ppm)	2	2	2.295	0.4950						
115	Non Protein N (NPN) (%)	1	1	0.0400							
118	Peroxide value (meq/kg)	1	1	17.50							
120	Alanine (%)	21	20	1.699	0.0850	1.685	0.0468	0.0131	2.78%	0.0273	3.70%
121	Arginine (%)	21	20	1.836	0.2585	1.794	0.1224	0.0342	6.82%	0.0462	3.66%
122	Aspartic (%)	21	20	2.144	0.1041	2.156	0.0753	0.0210	3.49%	0.0296	3.56%
124	Cysteine/Cystine (%)	20	20	0.4204	0.0425	0.4192	0.0437	0.0122	10.42%	0.0110	4.56%
125	Glutamic (%)	21	20	4.054	0.2413	4.089	0.1483	0.0415	3.63%	0.0587	3.24%
126	Glycine (%)	21	20	2.311	0.1157	2.305	0.1025	0.0286	4.45%	0.0427	3.53%
127	Histidine (%)	21	20	0.6283	0.0918	0.6138	0.0525	0.0147	8.55%	0.0166	4.30%
128	Isoleucine (%)	21	20	1.054	0.0823	1.053	0.0665	0.0186	6.31%	0.0268	3.97%
129	Leucine (%)	21	20	1.959	0.1097	1.954	0.0859	0.0240	4.40%	0.0359	3.62%
130	L-Lysine (%)	23	22	1.518	0.1083	1.534	0.0793	0.0211	5.17%	0.0203	3.75%
131	Methionine (%)	22	21	0.5207	0.0489	0.5175	0.0303	0.0083	5.85%	0.0111	4.42%
132	Phenylalanine (%)	21	20	1.138	0.0885	1.141	0.0556	0.0155	4.87%	0.0236	3.92%
133	Proline (%)	20	19	1.928	0.1491	1.908	0.0831	0.0238	4.36%	0.0405	3.63%
134	Serine (%)	21	20	1.250	0.0679	1.254	0.0319	0.0089	2.54%	0.0277	3.87%
135	Threonine (%)	21	20	1.022	0.0684	1.027	0.0384	0.0107	3.74%	0.0215	3.98%
136	Tryptophan (%)	16	15	0.2774	0.0399	0.2759	0.0323	0.0104	11.69%	0.0048	4.86%
137	Tyrosine (%)	21	21	0.7523	0.1088	0.7552	0.1137	0.0310	15.05%	0.0219	4.17%
138	Valine (%)	21	20	1.298	0.1433	1.329	0.0755	0.0211	5.68%	0.0282	3.83%
139	Taurine (%)	9	8	0.2040	0.0268	0.2088	0.0177	0.0078	8.47%	0.0076	5.06%
160	Fructose (%)	2	1	0.0850							

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161	Galactose (%)	1	1	0.0500							
162	Glucose (%)	2	1	0.0500							
163	Lactose (%)	1		0.1500							
164	Maltose (%)	2	1	0.0800							
165	Sucrose (%)	2	2	0.6750	0.0495						
166	Raffinose (%)	1	1	0.1300							
167	Stachyose (%)	1	1	0.0250							
400	Water Activity (Units)	17	17	0.3290	0.0389	0.3270	0.0391	0.0119	11.96%	0.0103	
516	Arsenic, Total (As) (ppm)	8	5	0.0735	0.0105	0.0735	0.0105	0.0058	14.22%	0.0072	22.00%
518	Cadmium (ppm)	9	7	0.0482	0.0251	0.0432	0.0154	0.0073	35.61%	0.0016	22.00%
520	Chromium, Total (Cr) (ppm)	11	10	1.356	0.5011	1.367	0.5434	0.2148	39.75%	0.1219	15.26%
526	Lead (ppm)	9	6	0.3721	0.4792	0.2238	0.1500	0.0765	67.02%	0.0609	20.04%
529	Mercury (ppb)	6	3	1,395	2,412	1,395	2,412	1,741	172.92%		15.22%
539	Nickel (ppm)	5	4	0.8310	0.1480	0.8310	0.1480	0.0740	17.82%	0.0401	16.45%
710	Lauric Acid (12:0) (%) (w/w)	1	1	0.0065							
714	Myristic Acid (14:0) (%) (w/w)	1	1	0.0727							
716	Palmitic Acid (16:0) (%) (w/w)	1	1	2.712							
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	1	1	0.5553							
722	Stearic Acid (18:0) (%) (w/w)	1	1	0.7518							
724	Oleic Acid (9c-18:1) (%) (w/w)	1	1	4.134							
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	3	3	2.939	0.3555	2.939	0.3555	0.2053	12.10%	0.0291	3.40%
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	2	2	1.803	1.955						
730	Arachidic Acid (20:0) (%) (w/w)	1	1	0.0175							
732	Gondoic Acid (11c-20:1) (%) (w/w)	1	1	0.0466							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%) (w/w)	1	1	0.0045							
742	Behenic Acid (22:0) (%) (w/w)	1	1	0.0111							
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	1	0.0103							
748	Lignoceric Acid (24:0) (%) (w/w)	1	1	0.0095							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	1	1	0.0074							
752	Nervonic Acid (24:1) isomers (%) (w/w)	1		0.0050							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%) (w/w)	3	3	0.4782	0.0225	0.4782	0.0225	0.0130	4.71%	0.0110	4.47%
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%) (w/w)	3	3	3.199	0.1772	3.199	0.1772	0.1023	5.54%	0.0180	3.36%
758	Total Saturated Fatty Acids (%) (w/w)	2	2	4.454	0.2033						
762	Total Monounsaturated Fatty Acids (%) (w/w)	1	1	6.146							
766	Total Polyunsaturated Fatty Acids (%) (w/w)	1	1	3.782							
772	Total Fatty Acids (%) (w/w)	1	1	11.37							

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.

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