



AAFCO
Proficiency Testing Program



Pet Food Ingredient Scheme

Dried Whole Egg Pasteurized

Test Material Code # 201944

Analyte Summary Report

Labs Reporting: 53

Analytes Reported: 105

Issue Date : 12/31/2019

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	AAFCO ffp Robust SD	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Horwitz %RSD
001	Loss on Drying (%)	25	24	4.608	0.2793	4.609	0.3133	0.0799	6.80%	0.0771	3.18%
002	Protein, Crude (%)	52	49	50.69	0.5983	50.68	0.4764	0.0851	0.94%	0.1440	1.40%
003	Fat, Crude (%)	31	30	31.29	2.458	31.23	1.427	0.3256	4.57%	0.4156	1.79%
004	Fiber, Crude (%)	9	6	0.4989	0.6105	0.3826	0.3995	0.2039	104.43%	0.1195	4.62%
005	Ash (%)	42	41	5.602	0.1254	5.609	0.0844	0.0165	1.50%	0.0603	3.09%
006	Total Sugars (%)	1	1	0.4808							
008	Fiber, Acid Detergent (%)	3	3	1.562	1.671	1.562	1.671	0.9650	106.98%	0.0596	3.74%
009	Fiber, Neutral Detergent (%)	2	2	0.6987	0.0524						
010	Moisture (%)	4	4	4.963	0.5254	4.963	0.5254	0.2627	10.59%	0.0300	3.14%
011	Loss on Drying (%)	21	20	5.007	0.3012	5.031	0.2768	0.0774	5.50%	0.1292	3.14%
012	Starch (%)	4	2	0.5359	0.1613	0.5359	0.1613	0.1141	30.10%	0.3446	4.39%
013	Fat, Acid Pretreat (%)	26	25	34.96	1.826	34.96	1.951	0.4877	5.58%	0.9651	1.69%
015	Aluminum (mg / kg (ppm))	5	5	347.6	206.5	347.6	206.5	92.36	59.41%	7.976	6.63%
017	Boron (mg / kg (ppm))	2	2	3.493	3.015						
019	Calcium (%)	33	33	0.7703	0.0902	0.7783	0.0442	0.0096	5.68%	0.0243	4.15%
021	Cobalt (mg / kg (ppm))	4	3	0.0782	0.0951	0.0782	0.0951	0.0549	121.60%	0.0513	22.00%
022	Copper (mg / kg (ppm))	27	26	4.775	1.063	4.679	0.9340	0.2290	19.96%	0.5033	12.68%
024	Iodine (mg / kg (ppm))	1	1	3.300							
025	Iron (mg / kg (ppm))	28	26	81.39	9.270	80.79	9.083	2.227	11.24%	3.817	8.26%
027	Magnesium (%)	32	31	0.0671	0.0081	0.0674	0.0038	0.0008	5.58%	0.0020	6.00%
028	Manganese (mg / kg (ppm))	23	21	1.898	0.7875	1.720	0.3550	0.0968	20.64%	0.1406	14.74%
031	Phosphorus (%)	33	32	0.7134	0.0722	0.7217	0.0390	0.0086	5.40%	0.0188	4.20%
032	Potassium (%)	32	32	0.5096	0.0543	0.5131	0.0453	0.0100	8.84%	0.0133	4.42%
033	Salt as chloride (%)	9	9	1.182	0.2054	1.181	0.1020	0.0425	8.64%	0.0217	3.90%
034	Selenium (mg / kg (ppm))	12	10	1.732	0.4912	1.718	0.5241	0.2072	30.51%	0.0733	14.75%
035	Sodium (%)	25	24	0.6077	0.0283	0.6082	0.0264	0.0067	4.35%	0.0192	4.31%
036	Sulfur (%)	12	12	0.7133	0.2638	0.7669	0.1586	0.0572	20.68%	0.0236	4.16%
037	Zinc (mg / kg (ppm))	29	29	48.76	5.001	48.52	4.342	1.008	8.95%	2.298	8.92%
038	Molybdenum (mg / kg (ppm))	6	5	0.1855	0.0399	0.1855	0.0399	0.0254	21.48%	0.0136	20.61%
040	Barium (mg / kg (ppm))	1	1	2.460							

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041	Vanadium (mg / kg (ppm))	1	1	0.3915							
042	Chloride (%)	1	1	0.7925							
101	Choline Chloride (mg / kg (ppm))	1	1	11,350							
102	Niacin (mg / kg (ppm))	1	1	8.325							
103	Pantothenic Acid (mg / kg (ppm))	1	1	51.90							
104	Riboflavin (mg / kg (ppm))	1	1	14.85							
105	Thiamine (mg / kg (ppm))	1	1	1.840							
106	Vitamin A (KU / kg)	5	4	1.751	0.2892	1.751	0.2892	0.1446	16.51%	0.0325	
107	Vitamin B12 (µg / kg (ppb))	1	1	72.90							
108	Vitamin D3 (KU / kg)	5	2	5.600	3.995	5.600	3.995	2.825	71.34%	0.1200	
109	Vitamin E (IU / kg)	5	3	49.62	8.249	49.62	8.249	4.763	16.63%	0.4800	
112	Pyridoxine (µg / g)	1	1	3.470							
113	Folic Acid (mg / kg (ppm))	1	1	1.135							
114	Biotin (mg / kg (ppm))	1	1	1.115							
120	Alanine (%)	10	10	2.980	0.1657	2.978	0.1199	0.0474	4.02%	0.0705	3.39%
121	Arginine (%)	10	10	3.188	0.1989	3.178	0.2030	0.0803	6.39%	0.0723	3.36%
122	Aspartic (%)	10	10	5.098	0.4342	5.073	0.2846	0.1125	5.61%	0.0935	3.13%
124	Cysteine/Cystine (%)	10	10	1.328	0.1510	1.315	0.1387	0.0548	10.55%	0.0548	3.84%
125	Glutamic (%)	10	10	6.454	0.6729	6.406	0.6487	0.2564	10.13%	0.1869	3.02%
126	Glycine (%)	9	9	1.766	0.0588	1.766	0.0667	0.0278	3.78%	0.0616	3.67%
127	Histidine (%)	10	10	1.244	0.1403	1.236	0.1409	0.0557	11.40%	0.0471	3.87%
128	Isoleucine (%)	10	10	2.676	0.2000	2.704	0.1548	0.0612	5.73%	0.0963	3.44%
129	Leucine (%)	10	10	4.329	0.3047	4.309	0.1802	0.0712	4.18%	0.0883	3.21%
130	L-Lysine (%)	10	10	3.779	0.3061	3.795	0.2328	0.0920	6.13%	0.1362	3.27%
131	Methionine (%)	10	10	1.763	0.1619	1.758	0.1730	0.0684	9.84%	0.0876	3.67%
132	Phenylalanine (%)	10	10	2.779	0.1532	2.762	0.1288	0.0509	4.66%	0.0545	3.43%
133	Proline (%)	10	10	1.862	0.2735	1.810	0.1441	0.0570	7.96%	0.0567	3.66%
134	Serine (%)	10	10	3.681	0.3165	3.668	0.3299	0.1304	8.99%	0.1016	3.29%
135	Threonine (%)	10	10	2.380	0.2311	2.380	0.2091	0.0826	8.78%	0.0465	3.51%
136	Tryptophan (%)	7	7	0.7239	0.0859	0.7239	0.0974	0.0460	13.45%	0.0276	4.20%
137	Tyrosine (%)	9	9	2.089	0.1408	2.086	0.1517	0.0632	7.27%	0.0525	3.58%
138	Valine (%)	10	10	3.230	0.2700	3.245	0.2716	0.1074	8.37%	0.1116	3.35%
139	Taurine (%)	3	3	0.0702	0.0503	0.0702	0.0503	0.0290	71.61%	0.0230	5.97%
160	Fructose (%)	1		0.1500							
162	Glucose (%)	1		0.1500							
163	Lactose (%)	1		0.1500							
164	Maltose (%)	1		0.1500							
165	Sucrose (%)	1		0.1500							
400	Water Activity (Units)	2	2	0.3741	0.0143						
516	Arsenic, Total (mg / kg (ppm))	5	3	0.0187	0.0051	0.0187	0.0051	0.0029	27.10%	0.0034	22.00%

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518	Cadmium (mg / kg (ppm))	4	1								
520	Chromium (mg / kg (ppm))	6	5	0.6157	0.0983	0.6157	0.0983	0.0550	15.97%	0.0194	17.21%
526	Lead (mg / kg (ppm))	4	3	0.0781	0.0479	0.0781	0.0479	0.0277	61.34%	0.0082	22.00%
539	Nickel (mg / kg (ppm))	4	3	0.1760	0.0518	0.1760	0.0518	0.0299	29.43%	0.0213	20.78%
702	Butyric Acid (4:0) (%)	1		0.1000							
704	Caproic Acid (6:0) (%)	1		0.1000							
706	Caprylic acid (8:0) (%) (w/w)	1		0.1000							
708	Capric acid (10:0) (%) (w/w)	1		0.1000							
710	Lauric Acid (12:0) (%) (w/w)	4	1								
714	Myristic Acid (14:0) (%) (w/w)	5	4	0.1825	0.1245	0.1825	0.1245	0.0622	68.20%	0.0000	
716	Palmitic Acid (16:0) (%) (w/w)	5	4	9.161	0.6033	9.161	0.6033	0.3016	6.58%	0.2975	
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	6	6	1.306	0.9382	0.9424	0.0642	0.0328	6.81%	0.0268	
720	Margaric acid (17:0) (%) (w/w)	2	1	0.0350							
722	Stearic Acid (18:0) (%) (w/w)	4	3	3.343	0.0306	3.343	0.0306	0.0176	0.91%	0.1333	
724	Oleic Acid (9c-18:1) (%) (w/w)	5	3	12.91	0.9356	12.91	0.9356	0.5402	7.25%	0.1500	
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	6	6	7.460	4.524	5.862	0.8079	0.4123	13.78%	0.1707	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	6	4	0.1025	0.0260	0.1025	0.0260	0.0162	25.35%	0.0060	
730	Arachidic Acid (20:0) (%) (w/w)	2	1	0.0100							
732	Gondoic Acid (11c-20:1) (%) (w/w)	2	1	0.0450							
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%) (w/w)	3	3	0.5828	0.1895	0.5828	0.1895	0.1094	32.52%	0.0357	
738	Mead Acid (11c,14c,17c-20:3) (%) (w/w)	1	1	0.0300							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%) (w/w)	2		0.0000							
742	Behenic Acid (22:0) (%) (w/w)	2	1	0.0300							
744	Erucic Acid (13c-22:1) (%) (w/w)	1	1	0.0300							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w)	3	2	0.0263	0.0053	0.0263	0.0053	0.0037	20.19%	0.0005	
748	Lignoceric Acid (24:0) (%) (w/w)	1		0.1000							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	5	4	0.1523	0.0456	0.1523	0.0456	0.0228	29.93%	0.0060	
752	Nervonic Acid (24:1) isomers (%) (w/w)	2	1	0.0250							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%) (w/w)	6	5	0.3980	0.2869	0.3980	0.2869	0.1604	72.10%	0.0280	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%) (w/w)	6	6	8.522	5.453	6.744	1.434	0.7317	21.26%	0.2032	
758	Total Saturated Fatty Acids (%) (w/w)	4	3	12.31	1.153	12.31	1.153	0.6656	9.36%	0.5533	
762	Total Monounsaturated Fatty Acids (%) (w/w)	3	3	23.26	16.20	23.26	16.20	9.355	69.66%	0.5600	
764	Total cis Monounsaturated Fatty Acids (%) (w/w)	1	1	15.00							
766	Total Polyunsaturated Fatty Acids (%) (w/w)	4	3	6.418	0.8211	6.418	0.8211	0.4741	12.79%	0.2967	
772	Total Fatty Acids (%) (w/w)	1	1	34.57							

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.