

Pet Food Scheme
Bone Meal
Test Material Code # 201844

Analyte Summary Report

Analytes Reported: 79
Labs Reporting: 55
Issue Date : 12/31/2018

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	AAFCO PT ffp - Robust sd	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Horwitz %RSD
001	Loss on Drying (%)	27	27	5.294	0.4215	5.242	0.2784	0.0670	5.31%	0.1358	3.12%
002	Protein, Crude (%)	60	59	54.75	1.584	54.51	0.8796	0.1431	1.61%	0.6252	1.35%
003	Fat, Crude (%)	24	23	11.72	1.442	11.95	0.3748	0.0977	3.14%	0.3587	2.75%
004	Fiber, Crude (%)	23	22	1.739	0.7576	1.697	0.7202	0.1919	42.44%	0.1898	3.69%
005	Ash (%)	50	48	23.82	0.9406	23.67	0.5228	0.0943	2.21%	0.3615	2.06%
006	Total Sugars (%)	1	1	0.2350							
008	Fiber, Acid Detergent (%)	8	8	3.762	1.315	3.762	1.491	0.6588	39.63%	0.3201	3.28%
009	Fiber, Neutral Detergent (%)	7	7	22.96	6.537	23.45	6.228	2.942	26.55%	1.734	2.06%
010	Moisture (%)	8	7	5.481	0.3969	5.504	0.3166	0.1496	5.75%	0.0911	3.09%
011	Loss on Drying (%)	21	20	5.806	0.4395	5.873	0.1925	0.0538	3.28%	0.1496	3.06%
012	Starch (%)	6	4	0.8364	0.2093	0.8364	0.2093	0.1308	25.02%	0.0581	4.11%
013	Fat, Acid Pretreat (%)	27	27	13.03	1.027	13.12	0.9054	0.2178	6.90%	0.3295	2.72%
015	Aluminum (mg / kg (ppm))	2	2	244.1	308.4						
017	Boron (mg / kg (ppm))	1	1	2.200							
019	Calcium (%)	35	34	8.117	0.4657	8.047	0.3360	0.0720	4.17%	0.3460	2.92%
021	Cobalt (mg / kg (ppm))	5	4	0.1599	0.0848	0.1599	0.0848	0.0530	53.05%	0.0333	21.08%
022	Copper (mg / kg (ppm))	24	24	30.64	3.639	30.90	3.497	0.8924	11.32%	0.9189	9.55%
025	Iron (mg / kg (ppm))	25	25	434.2	45.30	434.1	34.16	8.540	7.87%	19.67	6.41%
027	Magnesium (%)	33	32	0.2233	0.0131	0.2243	0.0118	0.0026	5.27%	0.0059	5.01%
028	Manganese (mg / kg (ppm))	26	26	18.73	2.048	18.82	2.126	0.5212	11.30%	0.6806	10.29%
031	Phosphorus (%)	35	34	3.976	0.4223	4.036	0.2258	0.0484	5.59%	0.1373	3.24%
032	Potassium (%)	33	32	0.5643	0.0932	0.5506	0.0388	0.0086	7.04%	0.0166	4.38%
033	Salt as chloride (%)	8	8	0.5198	0.0605	0.5264	0.0521	0.0230	9.89%	0.0048	4.41%
034	Selenium (mg / kg (ppm))	7	7	0.9795	0.2209	0.9795	0.2505	0.1183	25.57%	0.0799	16.05%
035	Sodium (%)	29	29	0.5614	0.0972	0.5770	0.0336	0.0078	5.82%	0.0183	4.34%
036	Sulfur (%)	14	14	0.5564	0.0989	0.5511	0.0993	0.0332	18.02%	0.0101	4.38%
037	Zinc (mg / kg (ppm))	26	26	151.2	15.82	151.7	16.64	4.079	10.97%	4.078	7.51%
038	Molybdenum (mg / kg (ppm))	3	3	0.4612	0.1578	0.4612	0.1578	0.1139	34.21%	0.0157	17.97%
042	Chloride (%)	1	1	0.3535							
101	Choline Chloride (mg / kg (ppm))	1	1	1,946							
102	Niacin (mg / kg (ppm))	1	1	6.295							
103	Pantothenic Acid (mg / kg (ppm))	1	1	16.04							

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104	Riboflavin (mg / kg (ppm))	1		1.250							
105	Thiamine (mg / kg (ppm))	1	1	18.43							
106	Vitamin A (KU / kg)	1	1	0.1350							
107	Vitamin B12 (µg / kg (ppb))	1	1	131.0							
109	Vitamin E (IU / kg)	1	1	2.085							
112	Pyridoxine (µg / g)	1	1	14.99							
120	Alanine (%)	8	8	3.662	0.3480	3.662	0.3946	0.1744	10.77%	0.0635	3.29%
121	Arginine (%)	8	7	3.248	1.068	3.584	0.2538	0.1199	7.08%	0.0556	3.30%
122	Aspartic (%)	8	8	4.092	0.3494	4.153	0.2345	0.1036	5.65%	0.0714	3.23%
124	Cysteine/Cystine (%)	8	8	1.026	1.476	0.5504	0.2049	0.0905	37.22%	0.0151	4.38%
125	Glutamic (%)	8	8	6.611	0.6425	6.611	0.7286	0.3220	11.02%	0.1503	3.01%
126	Glycine (%)	8	8	5.925	1.423	6.340	0.3760	0.1662	5.93%	0.0951	3.03%
127	Histidine (%)	8	8	1.335	0.7265	1.110	0.1385	0.0612	12.48%	0.0456	3.94%
128	Isoleucine (%)	8	8	1.865	0.7409	1.635	0.1397	0.0617	8.54%	0.0556	3.71%
129	Leucine (%)	8	8	3.041	0.7770	3.244	0.2941	0.1300	9.06%	0.0695	3.35%
130	L-Lysine (%)	8	8	2.864	0.3536	2.864	0.4010	0.1772	14.00%	0.0741	3.41%
131	Methionine (%)	8	8	0.9623	0.4720	0.8365	0.1481	0.0655	17.71%	0.0360	4.11%
132	Phenylalanine (%)	8	8	1.832	0.1207	1.835	0.1308	0.0578	7.13%	0.0569	3.65%
133	Proline (%)	8	8	3.881	0.3067	3.911	0.2754	0.1217	7.04%	0.0534	3.26%
134	Serine (%)	8	8	2.301	0.4408	2.231	0.3164	0.1398	14.18%	0.0424	3.54%
135	Threonine (%)	8	8	2.034	0.6733	1.864	0.2345	0.1036	12.58%	0.0572	3.64%
136	Tryptophan (%)	6	6	0.3511	0.0650	0.3514	0.0728	0.0372	20.73%	0.0141	4.68%
137	Tyrosine (%)	7	7	1.206	0.4472	1.301	0.2570	0.1214	19.76%	0.0609	3.84%
138	Valine (%)	8	8	2.060	0.6638	2.242	0.2211	0.0977	9.86%	0.0754	3.54%
139	Taurine (%)	4	3	0.1172	0.0107	0.1172	0.0107	0.0077	9.11%	0.0083	5.52%
400	Water Activity (Units)	2	2	0.4464	0.0019						
412	Starch, Dietary (%)	1	1	0.9000							
516	Arsenic, Total (mg / kg (ppm))	4	3	0.8605	1.390	0.8605	1.390	1.003	161.53%	0.0390	16.36%
518	Cadmium (mg / kg (ppm))	3	1								
520	Chromium (mg / kg (ppm))	2	2	5.257	4.154						
526	Lead (mg / kg (ppm))	2	2	2.204	0.5717						
539	Nickel (mg / kg (ppm))	1	1	2.634							
710	Lauric Acid (12:0) (% (w/w))	2	2	0.0148	0.0067						
714	Myristic Acid (14:0) (% (w/w))	1	1	0.1800							
716	Palmitic Acid (16:0) (% (w/w))	1	1	3.220							
718	Palmitoleic Acid (9c-16:1) (% (w/w))	2	2	0.2268	0.0046						
722	Stearic Acid (18:0) (% (w/w))	1	1	2.095							
724	Oleic Acid (9c-18:1) (% (w/w))	1	1	3.970							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	2	2	0.5595	0.0347						
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	2	2	0.0090	0.0014						

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736	Arachidonic Acid (5c,8c,11c,14c-20:4) (% (w/w))	1	1	0.0435							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	2		0.0000							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (% (w/w))	1		0.0000							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (% (w/w))	2		0.0000							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	2	2	0.0128	0.0039						
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	2	2	0.6433	0.0661						
772	Total Fatty Acids (% (w/w))	1	1	10.40							

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.