



Pet Food Ingredient Scheme

Corn

Analyte Summary Report

Labs Reporting: 62

Test Material Code # 202043

Analytes Reported: 75

Issue Date : 09/30/2020

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
001	Loss on Drying (%)	32	31	10.92	0.3949	10.97	0.3222	0.0723	2.94%	0.1648	2.79%
002	Protein, Crude (%)	60	58	7.046	0.2771	7.054	0.1810	0.0297	2.57%	0.1074	2.98%
003	Fat, Crude (%)	43	41	3.787	0.2296	3.796	0.2096	0.0409	5.52%	0.1355	3.27%
004	Fiber, Crude (%)	31	31	1.975	0.4766	1.956	0.4291	0.0963	21.94%	0.1267	3.62%
005	Ash (%)	49	47	1.308	0.4383	1.251	0.0959	0.0175	7.67%	0.0491	3.87%
006	Total Sugars (%)	1	1	1.751							
008	Fiber, Acid Detergent (%)	11	11	2.795	0.4441	2.788	0.4305	0.1623	15.44%	0.1137	3.43%
009	Fiber, Neutral Detergent (%)	9	8	7.976	0.6701	7.976	0.7599	0.3358	9.53%	0.0982	2.93%
010	Moisture (%)	2	2	10.38	0.3253						
011	Loss on Drying (%)	26	24	11.55	0.5782	11.63	0.3858	0.0984	3.32%	0.0884	2.76%
012	Starch (%)	6	6	62.86	5.389	62.53	5.325	2.718	8.52%	1.531	1.26%
013	Fat, Acid Pretreat (%)	21	21	4.351	0.4083	4.343	0.3967	0.1082	9.13%	0.1468	3.21%
015	Aluminum (ppm)	3	3	1.960	0.7230	1.960	0.7230	0.4174	36.90%	0.1416	14.46%
017	Boron (ppm)	4	3	2.925	0.6453	2.925	0.6453	0.3725	22.06%	0.0610	13.61%
019	Calcium (%)	29	25	0.0088	0.0029	0.0089	0.0031	0.0008	34.60%	0.0004	8.14%
021	Cobalt (ppm)	6	4	0.0709	0.0478	0.0709	0.0478	0.0330	67.39%	0.0068	22.00%
022	Copper (ppm)	25	21	2.053	1.062	1.874	0.5442	0.1484	29.05%	0.1508	14.55%
025	Iron (ppm)	23	22	22.21	4.119	21.36	2.619	0.6979	12.26%	0.8651	10.09%
027	Magnesium (%)	31	31	0.0956	0.0062	0.0949	0.0050	0.0011	5.25%	0.0033	5.70%
028	Manganese (ppm)	23	22	4.063	1.112	4.087	0.3746	0.0998	9.16%	0.1508	12.94%
031	Phosphorus (%)	43	42	0.2559	0.0304	0.2573	0.0167	0.0032	6.50%	0.0085	4.91%
032	Potassium (%)	32	32	0.3353	0.0238	0.3327	0.0184	0.0041	5.54%	0.0142	4.72%
033	Salt as chloride (%)	8	5	0.0740	0.0141	0.0740	0.0141	0.0022	19.05%	0.0006	5.92%
034	Selenium (ppm)	5	3	0.0300	0.0174	0.0300	0.0174	0.0100	57.97%	0.0033	22.00%
035	Sodium (%)	26	22	0.0090	0.0063	0.0087	0.0064	0.0017	73.55%	0.0015	8.16%
036	Sulfur (%)	14	12	0.0851	0.0105	0.0841	0.0095	0.0034	11.25%	0.0013	5.81%
037	Zinc (ppm)	27	26	18.70	1.772	18.69	1.938	0.4751	10.37%	0.7994	10.30%
038	Molybdenum (ppm)	5	5	0.4230	0.0428	0.4230	0.0428	0.0191	10.11%	0.0349	18.21%
041	Vanadium (ppm)	1	1	0.0050							

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101	Choline Chloride (ppm)	1	1	793.0							
102	Niacin (ppm)	1	1	17.31							
103	Pantothenic Acid (ppm)	1	1	20.28							
104	Riboflavin (ppm)	1	1	0.1250							
105	Thiamine (ppm)	1	1	10.86							
106	Vitamin A (KU / kg)	2	2	0.3678	0.1948						
109	Vitamin E (IU / kg)	2	2	9.303	1.227						
112	Pyridoxine (µg / g)	1	1	79.49							
120	Alanine (%)	5	5	0.4966	0.0211	0.4966	0.0211	0.0094	4.25%	0.0088	4.44%
121	Arginine (%)	5	4	0.3260	0.0105	0.3260	0.0105	0.0052	3.22%	0.0085	4.73%
122	Aspartic (%)	5	5	0.4662	0.0311	0.4662	0.0311	0.0139	6.68%	0.0088	4.49%
124	Cysteine/Cystine (%)	5	5	0.1621	0.0578	0.1621	0.0578	0.0259	35.68%	0.0086	5.26%
125	Glutamic (%)	5	5	1.240	0.0757	1.240	0.0757	0.0338	6.10%	0.0411	3.87%
126	Glycine (%)	5	4	0.2735	0.0145	0.2735	0.0145	0.0072	5.28%	0.0077	4.86%
127	Histidine (%)	5	5	0.1822	0.0226	0.1822	0.0226	0.0101	12.41%	0.0062	5.17%
128	Isoleucine (%)	5	5	0.2322	0.0457	0.2322	0.0457	0.0204	19.68%	0.0059	4.98%
129	Leucine (%)	5	5	0.7881	0.0420	0.7881	0.0420	0.0188	5.33%	0.0155	4.15%
130	L-Lysine (%)	7	6	0.1861	0.0838	0.2062	0.0434	0.0222	21.05%	0.0022	5.07%
131	Methionine (%)	5	5	0.1403	0.0108	0.1403	0.0108	0.0048	7.69%	0.0067	5.38%
132	Phenylalanine (%)	5	5	0.3331	0.0287	0.3331	0.0287	0.0128	8.60%	0.0101	4.72%
133	Proline (%)	5	5	0.5977	0.0307	0.5977	0.0307	0.0137	5.13%	0.0166	4.32%
134	Serine (%)	5	5	0.3288	0.0087	0.3288	0.0087	0.0039	2.64%	0.0089	4.73%
135	Threonine (%)	5	4	0.2493	0.0054	0.2493	0.0054	0.0027	2.15%	0.0028	4.93%
136	Tryptophan (%)	4	4	0.0622	0.0139	0.0622	0.0139	0.0069	22.35%	0.0039	6.08%
137	Tyrosine (%)	5	4	0.2371	0.0492	0.2371	0.0492	0.0246	20.75%	0.0176	4.97%
138	Valine (%)	5	4	0.3377	0.0092	0.3377	0.0092	0.0046	2.72%	0.0076	4.71%
139	Taurine (%)	2	2	0.1463	0.0265						
400	Water Activity (Units)	2	2	0.5670	0.0053						
516	Arsenic, Total (ppm)	3	1								
518	Cadmium (ppm)	5	3	0.0041	0.0009	0.0041	0.0009	0.0005	21.95%	0.0025	22.00%
520	Chromium (ppm)	5	5	0.1252	0.0294	0.1252	0.0294	0.0132	23.48%	0.0127	21.87%
526	Lead (ppm)	5	3	0.0086	0.0042	0.0086	0.0042	0.0024	49.02%	0.0025	22.00%
539	Nickel (ppm)	4	4	0.3001	0.0679	0.3001	0.0679	0.0340	22.63%	0.0235	19.17%
710	Lauric Acid (12:0) (%) (w/w)	1		0.0100							
714	Myristic Acid (14:0) (%) (w/w)	1		0.0100							
716	Palmitic Acid (16:0) (%) (w/w)	1	1	0.4250							
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	1		0.0100							
722	Stearic Acid (18:0) (%) (w/w)	1	1	0.0600							
724	Oleic Acid (9c-18:1) (%) (w/w)	1	1	0.9700							
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	1	1	1.980							

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728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	1	1	0.0500							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	1		0.0100							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (% (w/w))	1		0.0100							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	1	1	0.0500							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	1	1	1.980							
772	Total Fatty Acids (% (w/w))	1	1	3.505							

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.