



AAFCO
Proficiency Testing Program



Pet Food Ingredient Scheme

Vegetable Pomace

Test Material Code # 202041

Analyte Summary Report

Labs Reporting: 57

Analytes Reported: 78

Issue Date : 03/31/2020

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 (%)	28	27	6.993	0.3291	7.021	0.2468	0.0594	3.52%	0.0720	2.98%
002	Protein, Crude (%)	57	56	8.783	0.4166	8.780	0.4007	0.0669	4.56%	0.0999	2.88%
003	Fat, Crude (%)	35	35	2.063	0.2631	2.055	0.2604	0.0550	12.67%	0.0869	3.59%
004	Fiber, Crude (%)	28	27	20.56	1.539	20.54	1.429	0.3437	6.96%	0.5371	2.21%
005	Ash (%)	44	42	7.280	0.1956	7.295	0.0866	0.0167	1.19%	0.0712	2.97%
006	Total Sugars (%)	1	1	7.534							
008	Fiber, Acid Detergent (%)	12	12	27.20	2.114	27.20	2.398	0.8652	8.82%	0.8460	1.92%
009	Fiber, Neutral Detergent (%)	9	9	32.21	1.754	32.21	1.988	0.8285	6.17%	0.5857	1.76%
010	Moisture (%)	1	1	6.955							
011	Loss on Drying (%)	23	22	8.827	0.3904	8.827	0.4428	0.1180	5.02%	0.1618	2.88%
012	Starch (%)	11	11	2.427	3.296	1.715	1.505	0.5671	87.74%	0.1693	3.69%
013	Fat, Acid Pretreat (%)	27	25	2.875	1.227	2.797	0.7761	0.1940	27.75%	0.1887	3.43%
015	Aluminum (ppm)	6	6	101.3	16.38	101.3	18.57	9.476	18.33%	3.141	7.98%
017	Boron (ppm)	5	4	42.07	1.692	42.07	1.692	0.8462	4.02%	0.1578	9.11%
019	Calcium (%)	37	36	1.046	0.0713	1.043	0.0679	0.0141	6.51%	0.0277	3.97%
021	Cobalt (ppm)	7	7	6.392	3.002	6.149	2.129	1.006	34.62%	0.2601	12.17%
022	Copper (ppm)	23	22	11.51	1.912	11.39	0.8921	0.2378	7.83%	0.6372	11.09%
024	Iodine (ppm)	1	1	0.1150							
025	Iron (ppm)	23	22	332.1	28.46	330.6	16.50	4.397	4.99%	10.58	6.68%
027	Magnesium (%)	31	30	0.1555	0.0063	0.1559	0.0060	0.0014	3.85%	0.0038	5.29%
028	Manganese (ppm)	23	22	30.74	1.985	30.75	2.198	0.5857	7.15%	0.6863	9.55%
031	Phosphorus (%)	39	37	0.2015	0.0108	0.2004	0.0074	0.0015	3.68%	0.0074	5.09%
032	Potassium (%)	32	31	1.901	0.1023	1.902	0.0876	0.0197	4.61%	0.0745	3.63%
033	Salt as chloride (%)	7	7	0.5874	0.0419	0.5986	0.0167	0.0079	2.80%	0.0122	4.32%
034	Selenium (ppm)	7	3	0.0640	0.0151	0.0640	0.0151	0.0109	23.61%	0.0043	22.00%
035	Sodium (%)	25	23	0.1315	0.0097	0.1323	0.0084	0.0022	6.32%	0.0094	5.42%
036	Sulfur (%)	13	11	0.1549	0.0122	0.1545	0.0111	0.0042	7.16%	0.0046	5.30%
037	Zinc (ppm)	23	21	34.32	3.248	34.08	2.999	0.8181	8.80%	1.257	9.41%
038	Molybdenum (ppm)	8	8	1.295	0.4353	1.193	0.2097	0.0927	17.58%	0.0623	15.58%

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040	Barium (ppm)	1	1	45.43							
042	Chloride (%)	1	1	0.3700							
106	Vitamin A (KU / kg)	1	1	0.3350							
109	Vitamin E (IU / kg)	1	1	31.12							
111	Vitamin C, Phosphorylated (ppm)	1	1	9.170							
120	Alanine (%)	9	9	0.4710	0.0216	0.4714	0.0235	0.0098	4.99%	0.0173	4.48%
121	Arginine (%)	9	9	0.3689	0.0339	0.3670	0.0340	0.0142	9.26%	0.0146	4.65%
122	Aspartic (%)	9	9	0.8383	0.0463	0.8393	0.0491	0.0205	5.85%	0.0168	4.11%
124	Cysteine/Cystine (%)	9	7	0.0661	0.0246	0.0675	0.0246	0.0116	36.41%	0.0017	6.00%
125	Glutamic (%)	9	9	1.077	0.0850	1.071	0.0811	0.0338	7.57%	0.0225	3.96%
126	Glycine (%)	9	8	0.3948	0.0250	0.3948	0.0283	0.0125	7.17%	0.0072	4.60%
127	Histidine (%)	9	8	0.1822	0.0375	0.1762	0.0271	0.0120	15.40%	0.0017	5.19%
128	Isoleucine (%)	9	9	0.3371	0.0305	0.3371	0.0346	0.0144	10.26%	0.0116	4.71%
129	Leucine (%)	9	9	0.5905	0.0278	0.5928	0.0261	0.0109	4.41%	0.0144	4.33%
130	L-Lysine (%)	9	9	0.4599	0.0395	0.4593	0.0433	0.0181	9.44%	0.0163	4.50%
131	Methionine (%)	9	8	0.1370	0.0057	0.1372	0.0060	0.0026	4.35%	0.0056	5.39%
132	Phenylalanine (%)	9	9	0.3764	0.0280	0.3752	0.0290	0.0121	7.72%	0.0064	4.64%
133	Proline (%)	9	9	0.3208	0.0244	0.3208	0.0277	0.0115	8.63%	0.0143	4.75%
134	Serine (%)	9	8	0.3638	0.0293	0.3665	0.0267	0.0118	7.29%	0.0069	4.65%
135	Threonine (%)	9	9	0.3366	0.0246	0.3403	0.0184	0.0077	5.41%	0.0081	4.70%
136	Tryptophan (%)	7	7	0.1201	0.0415	0.1201	0.0470	0.0222	39.17%	0.0082	5.50%
137	Tyrosine (%)	8	8	0.2334	0.0347	0.2334	0.0394	0.0174	16.88%	0.0066	4.98%
138	Valine (%)	9	8	0.4419	0.0318	0.4423	0.0350	0.0155	7.91%	0.0102	4.52%
139	Taurine (%)	1	1	0.2050							
160	Fructose (%)	1	1	0.9900							
162	Glucose (%)	1	1	1.640							
163	Lactose (%)	1		0.1500							
164	Maltose (%)	1		0.1500							
165	Sucrose (%)	1	1	1.115							
400	Water Activity (Units)	3	3	0.3394	0.0230	0.3394	0.0230	0.0133	6.76%	0.0025	
516	Arsenic, Total (ppm)	7	6	0.3082	0.3469	0.1820	0.0501	0.0256	27.55%	0.0399	20.67%
518	Cadmium (ppm)	7	7	0.4654	0.1651	0.5075	0.0725	0.0343	14.29%	0.0316	17.72%
520	Chromium (ppm)	6	6	9.049	2.593	9.049	2.940	1.500	32.49%	0.5441	11.48%
526	Lead (ppm)	6	6	0.4201	0.0695	0.4169	0.0713	0.0364	17.09%	0.0302	18.25%
529	Mercury (ppb)	1	1	8.113							
539	Nickel (ppm)	4	3	3.210	0.8528	3.210	0.8528	0.4924	26.57%	0.4202	13.42%
710	Lauric Acid (12:0) (%) (w/w)	1	1	0.0100							
714	Myristic Acid (14:0) (%) (w/w)	1		0.0100							
716	Palmitic Acid (16:0) (%) (w/w)	1	1	0.2850							
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	1		0.0100							

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722	Stearic Acid (18:0) (% (w/w))	1	1	0.0300							
724	Oleic Acid (9c-18:1) (% (w/w))	1	1	0.1300							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	1	1	0.8450							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	1	1	0.2250							
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	0.2350							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	1	1	0.8500							
772	Total Fatty Acids (% (w/w))	1	1	1.545							

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.