



**AAFCO**  
Proficiency Testing Program



**Pet Food Ingredient Scheme**

**Cranberry Pomace**

**Test Material Code # 202143**

**Analyte Summary Report**

**# Labs Reporting: 62**

**# Analytes Reported: 79**

**Issue Date : 09/30/2021**

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 (%)	37	36	8.420	0.5794	8.424	0.3233	0.0673	3.84%	0.1142	2.90%
002	Protein, Crude (%)	63	63	7.781	0.4955	7.742	0.3150	0.0496	4.07%	0.2246	2.94%
003	Fat, Crude (%)	39	39	8.664	1.935	8.742	1.600	0.3203	18.30%	0.2291	2.89%
004	Fiber, Crude (%)	31	30	16.52	1.213	16.48	1.276	0.2912	7.74%	0.4738	2.46%
005	Ash (%)	43	42	1.237	0.4460	1.211	0.0670	0.0129	5.53%	0.0485	3.89%
006	Total Sugars (%)	2	2	27.20	6.781						
008	Fiber, Acid Detergent (%)	14	14	23.44	1.445	23.46	1.599	0.5341	6.82%	0.5863	2.06%
009	Fiber, Neutral Detergent (%)	12	12	27.92	3.885	27.16	2.045	0.7379	7.53%	0.2601	1.92%
010	Moisture (%)	3	3	8.793	1.201	8.793	1.201	0.6935	13.66%	0.2067	2.88%
011	Loss on Drying, HT (%)	20	19	12.95	1.793	13.01	1.610	0.4617	12.38%	0.2245	2.72%
012	Starch (%)	8	8	9.033	7.026	9.033	7.967	3.521	88.20%	0.7396	2.87%
013	Fat, Acid Pretreat (%)	18	17	9.561	1.093	9.533	1.177	0.3568	12.34%	0.2923	2.85%
015	Aluminum (ppm)	5	4	22.11	4.863	22.11	4.863	2.431	21.99%	0.2329	10.04%
017	Boron (ppm)	5	4	5.436	0.4286	5.436	0.4286	0.2143	7.88%	0.1122	12.40%
019	Calcium (%)	32	31	0.0843	0.0160	0.0856	0.0065	0.0015	7.59%	0.0032	5.79%
021	Cobalt (ppm)	5	3	0.0881	0.0520	0.0881	0.0520	0.0300	58.98%	0.0032	22.00%
022	Copper (ppm)	17	17	5.410	1.694	5.676	0.9683	0.2936	17.06%	0.2521	12.32%
023	Fluorine (ppm)	1		5.000							
025	Iron (ppm)	15	15	77.80	5.525	77.33	5.017	1.619	6.49%	2.779	8.31%
027	Magnesium (%)	33	33	0.0787	0.0043	0.0783	0.0037	0.0008	4.72%	0.0025	5.87%
028	Manganese (ppm)	20	19	24.42	1.194	24.46	1.262	0.3619	5.16%	0.6896	9.89%
031	Phosphorus (%)	33	33	0.1862	0.0081	0.1863	0.0073	0.0016	3.94%	0.0058	5.15%
032	Potassium (%)	35	34	0.2913	0.0141	0.2904	0.0136	0.0029	4.70%	0.0091	4.82%
033	Salt as chloride (%)	8	5	0.0512	0.0545	0.0512	0.0545	0.0032	106.49%	0.0002	6.26%
034	Selenium, Total (Se) (ppm)	3	2	0.0318	0.0031	0.0318	0.0031	0.0022	9.78%	0.0270	22.00%
035	Sodium (%)	29	25	0.0175	0.0165	0.0148	0.0107	0.0027	72.44%	0.0023	7.54%
036	Sulfur (%)	12	10	0.0852	0.0098	0.0840	0.0085	0.0034	10.16%	0.0030	5.81%
037	Zinc (ppm)	17	17	12.46	2.182	12.38	2.309	0.7001	18.65%	0.5719	10.95%
038	Molybdenum (ppm)	6	6	0.1284	0.0246	0.1284	0.0279	0.0142	21.74%	0.0074	21.79%

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040	Barium (ppm)	1	1	9.142							
041	Vanadium (ppm)	1	1	0.0675							
108	Vitamin D3 (KU / kg)	1	1	1.985							
120	Alanine (%)	4	3	0.3528	0.0222	0.3528	0.0222	0.0128	6.30%	0.0003	4.68%
121	Arginine (%)	4	4	0.7551	0.0332	0.7551	0.0332	0.0166	4.40%	0.0063	4.17%
122	Aspartic (%)	4	3	0.7167	0.0289	0.7167	0.0289	0.0167	4.03%	0.0000	4.21%
124	Cysteine/Cystine (%)	3	3	0.1567	0.0643	0.1567	0.0643	0.0371	41.04%	0.0067	5.29%
125	Glutamic (%)	4	4	1.215	0.2100	1.215	0.2100	0.1050	17.29%	0.0380	3.88%
126	Glycine (%)	3	3	0.3450	0.1429	0.3450	0.1429	0.0825	41.43%	0.0033	4.69%
127	Histidine (%)	3	3	0.1767	0.0058	0.1767	0.0058	0.0033	3.27%	0.0000	5.19%
128	Isoleucine (%)	4	4	0.2636	0.0484	0.2636	0.0484	0.0242	18.37%	0.0043	4.89%
129	Leucine (%)	4	3	0.4573	0.1090	0.4573	0.1090	0.0629	23.83%	0.0007	4.50%
130	L-Lysine (%)	4	3	0.3607	0.2139	0.3607	0.2139	0.1235	59.31%	0.0053	4.66%
131	Methionine (%)	3	3	0.2300	0.0996	0.2300	0.0996	0.0575	43.31%	0.0067	4.99%
132	Phenylalanine (%)	4	4	0.3130	0.0267	0.3130	0.0267	0.0134	8.53%	0.0055	4.76%
133	Proline (%)	4	3	0.2828	0.0049	0.2828	0.0049	0.0028	1.74%	0.0070	4.84%
134	Serine (%)	4	3	0.2833	0.0116	0.2833	0.0116	0.0067	4.08%	0.0000	4.84%
135	Threonine (%)	4	4	0.2616	0.0503	0.2616	0.0503	0.0252	19.23%	0.0098	4.89%
136	Tryptophan (%)	1	1	0.1500							
137	Tyrosine (%)	3	3	0.1700	0.0200	0.1700	0.0200	0.0115	11.76%	0.0000	5.22%
138	Valine (%)	4	3	0.3060	0.0745	0.3060	0.0745	0.0430	24.34%	0.0007	4.78%
139	Taurine (%)	2	2	0.0825	0.1025						
160	Fructose (%)	1	1	10.45							
162	Glucose (%)	1	1	13.65							
163	Lactose (%)	1		0.0000							
165	Sucrose (%)	1	1	6.465							
400	Water Activity (Units)	3	3	0.4517	0.0048	0.4517	0.0048	0.0028	1.06%	0.0008	
516	Arsenic, Total (As) (ppm)	4	3	0.0284	0.0011	0.0284	0.0011	0.0006	3.87%	0.0021	22.00%
518	Cadmium (ppm)	6	5	0.0426	0.0066	0.0426	0.0066	0.0037	15.39%	0.0020	22.00%
520	Chromium, Total (Cr) (ppm)	7	7	0.3666	0.0901	<b>0.3483</b>	0.0545	0.0258	15.66%	0.0275	18.75%
526	Lead (ppm)	5	4	0.0469	0.0142	0.0469	0.0142	0.0071	30.18%	0.0033	22.00%
529	Mercury (ppb)	2	1	1.154							
539	Nickel (ppm)	4	3	0.8707	0.1347	0.8707	0.1347	0.0777	15.46%	0.0111	16.33%
710	Lauric Acid (12:0) (%) (w/w)	1	1	0.0200							
714	Myristic Acid (14:0) (%) (w/w)	1		0.0200							
716	Palmitic Acid (16:0) (%) (w/w)	1	1	0.5450							
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	1		0.0200							
724	Oleic Acid (9c-18:1) (%) (w/w)	1	1	1.645							
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	1	1	2.715							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	1	1	1.935							

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742	Behenic Acid (22:0) (% (w/w))	1		0.0200							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	1	1	1.995							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	1	1	2.735							
758	Total Saturated Fatty Acids (% (w/w))	2	2	0.6325	0.2157						
762	Total Monounsaturated Fatty Acids (% (w/w))	1	1	1.270							
764	Total cis Monounsaturated Fatty Acids (% (w/w))	1	1	1.740							
766	Total Polyunsaturated Fatty Acids (% (w/w))	1	1	3.340							
768	Total cis Polyunsaturated Fatty Acids (% (w/w))	1	1	4.740							
770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	7.615							
772	Total Fatty Acids (% (w/w))	1	1	7.615							

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.