



AAFCO
Association of American Feed Control Officials



Pet Food Ingredient Scheme

Beet Pulp

Test Material Code # 202343

Analyte Summary Report

Labs Reporting: 91

Analytes Reported: 63

Issue Date : 09/30/2023

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 (Rob R-bar)	Thompson Horwitz %RSD
001	Loss on Drying (%)	61	59	8.352	0.2558	8.365	0.1754	0.0285	2.10%	0.0794	2.91%
002	Protein, Crude (%)	89	87	7.585	0.3216	7.604	0.1355	0.0182	1.78%	0.0636	2.95%
003	Fat, Crude (%)	33	32	0.7405	0.7334	0.5410	0.2949	0.0652	54.51%	0.0639	4.39%
004	Fiber, Crude (%)	25	23	15.45	0.6489	15.42	0.6017	0.1568	3.90%	0.3543	2.55%
005	Ash (%)	74	72	6.404	0.4642	6.416	0.4453	0.0656	6.94%	0.2083	3.02%
006	Total Sugars (%)	4	4	18.61	1.023	18.61	1.023	0.5115	5.50%	1.278	2.32%
008	Fiber, Acid Detergent (%)	13	13	20.84	1.340	20.85	1.498	0.5194	7.18%	0.3677	2.19%
009	Fiber, Neutral Detergent (%)	10	10	36.23	5.040	35.30	1.526	0.6033	4.32%	0.4135	1.68%
010	Moisture (%)	4	4	8.619	0.2894	8.619	0.2894	0.1447	3.36%	0.0913	2.89%
011	Loss on Drying, HT (%)	21	20	9.030	0.5914	8.997	0.4513	0.1261	5.02%	0.1316	2.87%
012	Starch (%)	7	7	4.477	5.754	4.361	6.261	2.958	143.55%	0.3352	3.20%
013	Fat, Pretreat (%)	46	45	2.078	0.6780	2.132	0.6202	0.1156	29.09%	0.1560	3.57%
014	Fiber, Total Dietary (%)	1	1	55.65							
015	Aluminum (ppm)	5	4	473.9	37.18	473.9	37.18	18.59	7.84%	23.33	6.33%
017	Boron (ppm)	5	5	31.47	0.8244	31.47	0.8244	0.3687	2.62%	0.4532	9.52%
019	Calcium (%)	74	73	0.7663	0.0690	0.7598	0.0412	0.0060	5.42%	0.0283	4.17%
021	Cobalt (ppm)	11	10	10.50	2.900	10.80	2.548	1.007	23.60%	0.5134	11.18%
022	Copper (ppm)	55	53	5.150	0.7159	5.052	0.4843	0.0832	9.59%	0.2648	12.54%
025	Iron (ppm)	31	30	632.0	84.00	625.6	67.07	15.31	10.72%	30.44	6.07%
027	Magnesium (%)	72	71	0.2155	0.0177	0.2156	0.0193	0.0029	8.94%	0.0073	5.04%
028	Manganese (ppm)	67	65	44.65	2.950	44.81	2.510	0.3892	5.60%	1.339	9.03%
031	Phosphorus (%)	61	60	0.0873	0.0167	0.0844	0.0069	0.0011	8.12%	0.0082	5.80%
032	Potassium (%)	71	70	0.4909	0.0300	0.4934	0.0261	0.0039	5.28%	0.0167	4.45%
033	Salt as chloride (%)	6	5	0.0368	0.0140	0.0368	0.0140	0.0078	37.95%	0.0122	6.57%
034	Selenium, Total (Se) (ppm)	2	2	0.0763	0.0301						
035	Sodium (%)	57	57	0.0295	0.0105	0.0278	0.0068	0.0011	24.48%	0.0052	6.86%
036	Sulfur (%)	17	17	0.1958	0.0151	0.1966	0.0151	0.0046	7.67%	0.0083	5.11%
037	Zinc (ppm)	59	49	18.35	8.331	18.95	7.796	1.392	41.15%	1.442	10.27%
038	Molybdenum (ppm)	5	4	0.9573	0.2402	0.9573	0.2402	0.1201	25.09%	0.0378	16.10%

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040	Barium (ppm)	1	1	23.49							
041	Vanadium (ppm)	1	1	1.256							
042	Chloride (%)	1		0.0600							
102	Niacin (ppm)	1	1	3.470							
104	Riboflavin (ppm)	1	1	0.7325							
105	Thiamine (ppm)	1	1	0.9800							
109	Vitamin E (IU / kg)	1	1	19.65							
112	Pyridoxine (µg / g)	1	1	0.9300							
120	Alanine (%)	7	7	0.3630	0.0349	0.3740	0.0081	0.0038	2.18%	0.0097	4.64%
121	Arginine (%)	7	7	0.3050	0.0335	0.3025	0.0321	0.0152	10.61%	0.0142	4.79%
122	Aspartic (%)	7	7	0.5684	0.0659	0.5741	0.0608	0.0287	10.59%	0.0198	4.35%
124	Cysteine/Cystine (%)	7	7	0.1205	0.0708	0.1060	0.0422	0.0199	39.84%	0.0097	5.61%
125	Glutamic (%)	7	7	0.7375	0.0766	0.7496	0.0563	0.0266	7.51%	0.0279	4.18%
126	Glycine (%)	7	7	0.3526	0.0228	0.3526	0.0259	0.0122	7.34%	0.0202	4.68%
127	Histidine (%)	7	7	0.2414	0.0274	0.2393	0.0262	0.0124	10.96%	0.0141	4.96%
128	Isoleucine (%)	7	7	0.2938	0.0211	0.2938	0.0239	0.0113	8.14%	0.0148	4.81%
129	Leucine (%)	7	7	0.4759	0.0383	0.4821	0.0276	0.0130	5.73%	0.0164	4.46%
130	L-Lysine (%)	7	7	0.4338	0.0433	0.4338	0.0491	0.0232	11.32%	0.0207	4.54%
131	Methionine (%)	7	7	0.1318	0.0168	0.1325	0.0176	0.0083	13.27%	0.0096	5.42%
132	Phenylalanine (%)	7	7	0.2824	0.0322	0.2881	0.0222	0.0105	7.71%	0.0125	4.82%
133	Proline (%)	7	7	0.3492	0.0336	0.3501	0.0359	0.0170	10.25%	0.0225	4.68%
134	Serine (%)	7	7	0.3510	0.0481	0.3531	0.0496	0.0234	14.04%	0.0133	4.68%
135	Threonine (%)	7	7	0.3401	0.0392	0.3473	0.0259	0.0122	7.46%	0.0137	4.69%
136	Tryptophan (%)	6	6	0.0920	0.0229	0.0920	0.0260	0.0133	28.25%	0.0067	5.73%
137	Tyrosine (%)	6	6	0.2858	0.0348	0.2858	0.0395	0.0201	13.81%	0.0166	4.83%
138	Valine (%)	7	7	0.4602	0.0378	0.4666	0.0266	0.0126	5.70%	0.0141	4.49%
139	Taurine (%)	2	2	0.1380	0.1584						
400	Water Activity (Units)	6	5	0.5114	0.0494	0.5114	0.0494	0.0276	9.67%	0.0071	
516	Arsenic, Total (As) (ppm)	3	2	0.2140	0.0205	0.2140	0.0205	0.0145	9.58%	0.0007	20.17%
518	Cadmium (ppm)	5	5	0.2239	0.0666	0.2239	0.0666	0.0298	29.76%	0.0186	20.04%
520	Chromium, Total (Cr) (ppm)	5	5	19.37	4.506	19.37	4.506	2.015	23.26%	1.540	10.24%
526	Lead (ppm)	4	3	0.4850	0.0357	0.4850	0.0357	0.0206	7.35%	0.0157	17.84%
529	Mercury (ppb)	1	1	8.499							
539	Nickel (ppm)	4	4	6.874	1.527	6.874	1.527	0.7633	22.21%	0.6070	11.97%

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.