



AAFCO
Association of American Feed Control Officials



Pet Food Ingredient Scheme

Soybean Meal

Test Material Code # 202641

Analyte Summary Report

Labs Reporting: 90

Analytes Reported: 66

Issue Date : 03/31/2026

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	AAFCO ffp Robust SD	Uncertainty (U) Robust	% RSD - Robust	Average Range (Rob R-bar)	Thompson Horwitz %RSD
001	Loss on Drying (%)	59	57	11.53	0.2114	11.54	0.1927	0.0319	1.67%	0.1252	2.77%
002	Protein, Crude (%)	85	84	46.57	0.4055	46.58	0.3097	0.0422	0.66%	0.2513	1.47%
003	Fat, Crude (%)	65	62	1.470	0.2881	1.470	0.2933	0.0466	19.95%	0.0769	3.77%
004	Fiber, Crude (%)	28	28	3.913	0.3263	3.938	0.2411	0.0570	6.12%	0.1611	3.25%
005	Ash (%)	74	72	6.020	0.2785	5.997	0.2416	0.0356	4.03%	0.0934	3.05%
006	Total Sugars (%)	2	2	11.53	0.9511						
008	Fiber, Acid Detergent (%)	14	13	5.605	1.053	5.502	0.9217	0.3195	16.75%	0.3024	3.09%
009	Fiber, Neutral Detergent (%)	10	10	8.574	1.101	8.385	0.7208	0.2849	8.60%	0.4395	2.90%
010	Moisture (%)	6	5	11.47	0.6141	11.47	0.6141	0.3433	5.36%	0.1786	2.77%
011	Loss on Drying, HT (%)	26	25	12.01	0.4359	12.04	0.4310	0.1078	3.58%	0.1943	2.75%
012	Starch (%)	8	6	1.470	1.537	0.9093	0.2183	0.1114	24.00%	0.1008	4.06%
013	Fat, Pretreat (%)	30	30	3.050	0.6141	3.065	0.5787	0.1321	18.88%	0.1372	3.38%
014	Fiber, Total Dietary (%)	2	2	16.69	0.9369						
015	Aluminum (ppm)	4	3	20.33	2.370	20.33	2.370	1.368	11.66%	1.855	10.17%
017	Boron (ppm)	4	4	36.49	3.976	36.49	3.976	1.988	10.90%	1.795	9.31%
019	Calcium (%)	72	71	0.2629	0.1387	0.2468	0.0104	0.0015	4.21%	0.0094	4.94%
021	Cobalt (ppm)	7	6	2.868	5.457	0.7572	0.3866	0.1973	51.06%	0.0802	16.68%
022	Copper (ppm)	66	65	12.62	1.265	12.74	0.9763	0.1514	7.66%	0.4471	10.91%
025	Iron (ppm)	26	25	112.8	7.792	112.9	8.150	2.037	7.22%	3.760	7.85%
027	Magnesium (%)	68	67	0.2745	0.0121	0.2748	0.0106	0.0016	3.85%	0.0053	4.86%
028	Manganese (ppm)	70	68	34.13	1.329	34.02	1.028	0.1558	3.02%	0.8345	9.41%
031	Phosphorus (%)	74	72	0.6428	0.0301	0.6409	0.0250	0.0037	3.90%	0.0150	4.28%
032	Potassium (%)	70	69	2.197	0.0943	2.198	0.0853	0.0128	3.88%	0.0419	3.55%
033	Salt as chloride (%)	6	5	0.0315	0.0265	0.0315	0.0265	0.0171	84.33%		6.73%
034	Selenium, Total (Se) (ppm)	3	2	0.0933	0.0223	0.0933	0.0223	0.0158	23.92%	0.0204	22.00%
035	Sodium (%)	51	34	0.0111	0.0061	0.0110	0.0066	0.0014	60.29%	0.0035	7.89%
036	Sulfur (%)	16	16	0.3719	0.0231	0.3694	0.0177	0.0055	4.78%	0.0085	4.65%
037	Zinc (ppm)	71	69	55.35	2.626	55.48	2.289	0.3445	4.13%	1.321	8.74%
038	Molybdenum (ppm)	8	8	3.439	0.5447	3.492	0.4896	0.2164	14.02%	0.2541	13.25%

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040	Barium (ppm)	1	1	5.726							
041	Vanadium (ppm)	1	1	0.0777							
042	Chloride (%)	2	1	0.0300							
101	Choline Chloride (ppm)	1	1	3,260							
102	Niacin (ppm)	1	1	24.85							
103	Pantothenic Acid (ppm)	1	1	10.80							
104	Riboflavin (ppm)	1	1	2.755							
106	Vitamin A (KU / kg)	2		0.0000							
109	Vitamin E (IU / kg)	2	2	2.828	0.7036						
112	Pyridoxine (µg / g)	1	1	4.960							
113	Folic Acid (ppm)	1	1	3.630							
120	Alanine (%)	5	5	1.988	0.0746	1.988	0.0746	0.0333	3.75%	0.0708	3.61%
121	Arginine (%)	5	4	3.312	0.0557	3.312	0.0557	0.0279	1.68%	0.0803	3.34%
122	Aspartic (%)	5	4	5.318	0.0484	5.318	0.0484	0.0242	0.91%	0.1860	3.11%
124	Cysteine/Cystine (%)	5	5	0.6727	0.1084	0.6727	0.1084	0.0485	16.11%	0.0226	4.25%
125	Glutamic (%)	5	5	8.301	0.6083	8.301	0.6083	0.2720	7.33%	0.3318	2.91%
126	Glycine (%)	5	5	1.971	0.0965	1.971	0.0965	0.0432	4.90%	0.0582	3.61%
127	Histidine (%)	5	4	1.204	0.0095	1.204	0.0095	0.0047	0.79%	0.0448	3.89%
128	Isoleucine (%)	5	5	2.131	0.0639	2.131	0.0639	0.0286	3.00%	0.0738	3.57%
129	Leucine (%)	5	5	3.541	0.0409	3.541	0.0409	0.0183	1.15%	0.0994	3.31%
130	L-Lysine (%)	5	5	2.874	0.1045	2.874	0.1045	0.0467	3.64%	0.1700	3.41%
131	Methionine (%)	5	4	0.6431	0.0146	0.6431	0.0146	0.0073	2.27%	0.0190	4.27%
132	Phenylalanine (%)	5	5	2.406	0.1065	2.406	0.1065	0.0476	4.43%	0.0652	3.50%
133	Proline (%)	5	4	2.330	0.0192	2.330	0.0192	0.0096	0.82%	0.0440	3.52%
134	Serine (%)	5	5	2.384	0.0700	2.384	0.0700	0.0313	2.93%	0.0486	3.51%
135	Threonine (%)	5	5	1.841	0.0534	1.841	0.0534	0.0239	2.90%	0.0482	3.65%
136	Tryptophan (%)	3	3	0.6708	0.1770	0.6708	0.1770	0.1022	26.39%	0.0263	4.25%
137	Tyrosine (%)	5	5	1.587	0.1337	1.587	0.1337	0.0598	8.42%	0.0500	3.73%
138	Valine (%)	5	5	2.197	0.0692	2.197	0.0692	0.0309	3.15%	0.0884	3.55%
139	Taurine (%)	1		0.0100							
400	Water Activity (Units)	11	11	0.6171	0.0172	0.6175	0.0186	0.0070	3.01%	0.0142	
516	Arsenic, Total (As) (ppm)	3	3	0.0150	0.0010	0.0150	0.0010	0.0005	6.32%	0.0017	22.00%
518	Cadmium (ppm)	5	4	0.0404	0.0068	0.0404	0.0068	0.0034	16.84%	0.0036	22.00%
520	Chromium, Total (Cr) (ppm)	5	4	0.7447	0.0629	0.7447	0.0629	0.0315	8.45%	0.0273	16.72%
526	Lead (ppm)	4	4	0.1142	0.1142	0.1142	0.1142	0.0571	99.96%	0.0186	22.00%
529	Mercury (ppb)	2	1	0.0010							
539	Nickel (ppm)	3	3	1.930	0.0780	1.930	0.0780	0.0451	4.04%	0.1327	14.49%

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.

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