



AAFCO
Association of American Feed Control Officials



Pet Food Ingredient Scheme

Wheat Bran

Test Material Code # 202542

Analyte Summary Report

Labs Reporting: 101

Analytes Reported: 61

Issue Date : 06/30/2025

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 (%)	67	64	11.35	0.7104	11.52	0.3692	0.0577	3.20%	0.0889	2.77%
002	Protein, Crude (%)	101	99	15.95	0.4360	15.98	0.3574	0.0449	2.24%	0.1228	2.50%
003	Fat, Crude (%)	74	72	1.731	0.5507	1.638	0.2449	0.0361	14.95%	0.0804	3.71%
004	Fiber, Crude (%)	34	33	9.360	0.9650	9.320	0.9363	0.2037	10.05%	0.2710	2.86%
005	Ash (%)	83	82	5.836	0.1319	5.831	0.1176	0.0162	2.02%	0.0863	3.07%
006	Total Sugars (%)	2	2	4.814	1.194						
008	Fiber, Acid Detergent (%)	17	16	11.51	0.7037	11.48	0.7296	0.2280	6.35%	0.2189	2.77%
009	Fiber, Neutral Detergent (%)	10	9	41.30	1.835	41.25	1.680	0.6999	4.07%	0.5157	1.56%
010	Moisture (%)	7	7	11.82	0.4697	11.81	0.5120	0.2419	4.34%	0.0665	2.76%
011	Loss on Drying, HT (%)	21	20	11.96	0.4475	11.98	0.4348	0.1215	3.63%	0.0453	2.75%
012	Starch (%)	9	9	18.13	1.266	18.17	1.331	0.5547	7.33%	0.4071	2.35%
013	Fat, Pretreat (%)	31	30	4.040	0.9864	4.260	0.5049	0.1152	11.85%	0.2467	3.22%
014	Fiber, Total Dietary (%)	3	3	44.36	2.943	44.36	2.943	1.699	6.63%	0.6267	1.50%
015	Aluminum (ppm)	4	3	10.59	0.8033	10.59	0.8033	0.4638	7.59%	2.399	11.22%
017	Boron (ppm)	4	4	2.068	0.1370	2.068	0.1370	0.0685	6.63%	0.3561	14.34%
019	Calcium (%)	80	80	0.0806	0.0184	0.0797	0.0076	0.0011	9.54%	0.0070	5.85%
021	Cobalt (ppm)	5	4	0.3195	0.2543	0.3195	0.2543	0.1272	79.61%	0.0388	18.99%
022	Copper (ppm)	74	72	8.870	1.977	8.863	1.976	0.2911	22.30%	0.5430	11.52%
025	Iron (ppm)	29	29	119.5	9.621	118.8	9.351	2.171	7.87%	4.978	7.79%
027	Magnesium (%)	78	77	0.4517	0.1107	0.4761	0.0513	0.0073	10.78%	0.0121	4.47%
028	Manganese (ppm)	74	73	137.8	6.403	137.6	6.631	0.9701	4.82%	3.670	7.62%
031	Phosphorus (%)	80	79	1.279	0.0806	1.278	0.0861	0.0121	6.73%	0.0370	3.85%
032	Potassium (%)	77	75	1.370	0.1329	1.383	0.0701	0.0101	5.07%	0.0357	3.81%
033	Salt as chloride (%)	7	7	0.1192	0.0611	0.1118	0.0512	0.0242	45.80%	0.0106	5.56%
034	Selenium, Total (Se) (ppm)	9	3	0.0877	0.0150	0.0877	0.0150	0.0108	17.05%	0.0085	22.00%
035	Sodium (%)	55	42	0.0097	0.0039	0.0100	0.0000	0.0000	0.00%	0.0011	8.00%
036	Sulfur (%)	8	8	0.1606	0.0133	0.1614	0.0132	0.0058	8.17%	0.0055	5.26%
037	Zinc (ppm)	78	76	73.43	10.37	72.43	4.329	0.6208	5.98%	2.409	8.40%
038	Molybdenum (ppm)	12	12	1.030	0.3032	1.025	0.1791	0.0646	17.48%	0.0629	15.94%

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040	Barium (ppm)	1	1	29.52							
041	Vanadium (ppm)	1	1	0.0462							
042	Chloride (%)	1	1	0.0582							
106	Vitamin A (KU / kg)	2	1	2.070							
108	Vitamin D3 (KU / kg)	1		0.0500							
109	Vitamin E (IU / kg)	2	2	4.485	0.6859						
120	Alanine (%)	6	6	0.6978	0.0362	0.7026	0.0294	0.0150	4.19%	0.0459	4.22%
121	Arginine (%)	6	6	1.021	0.0519	1.021	0.0589	0.0300	5.76%	0.0462	3.99%
122	Aspartic (%)	6	6	1.046	0.0908	1.046	0.1030	0.0526	9.85%	0.0442	3.97%
124	Cysteine/Cystine (%)	6	6	0.3513	0.0600	0.3513	0.0680	0.0347	19.35%	0.0200	4.68%
125	Glutamic (%)	6	6	3.160	0.2262	3.160	0.2565	0.1309	8.12%	0.1953	3.36%
126	Glycine (%)	6	6	0.7927	0.0371	0.7927	0.0420	0.0215	5.30%	0.0648	4.14%
127	Histidine (%)	6	5	0.4182	0.0407	0.4182	0.0407	0.0227	9.73%	0.0244	4.56%
128	Isoleucine (%)	6	6	0.4862	0.0344	0.4862	0.0390	0.0199	8.02%	0.0272	4.46%
129	Leucine (%)	6	6	0.9335	0.0298	0.9403	0.0163	0.0083	1.74%	0.0472	4.04%
130	L-Lysine (%)	6	6	0.5845	0.0622	0.5845	0.0706	0.0360	12.07%	0.0363	4.34%
131	Methionine (%)	6	6	0.2330	0.0407	0.2311	0.0415	0.0212	17.97%	0.0168	4.99%
132	Phenylalanine (%)	6	6	0.5949	0.0312	0.5949	0.0354	0.0181	5.95%	0.0265	4.32%
133	Proline (%)	6	6	1.032	0.0828	1.032	0.0939	0.0479	9.10%	0.0590	3.98%
134	Serine (%)	6	6	0.6501	0.0364	0.6501	0.0413	0.0211	6.35%	0.0386	4.27%
135	Threonine (%)	6	6	0.4713	0.0250	0.4713	0.0283	0.0145	6.01%	0.0257	4.48%
136	Tryptophan (%)	4	3	0.2442	0.0341	0.2442	0.0341	0.0197	13.98%	0.0105	4.95%
137	Tyrosine (%)	6	6	0.3748	0.0362	0.3748	0.0410	0.0209	10.94%	0.0304	4.64%
138	Valine (%)	6	6	0.6839	0.0624	0.6895	0.0574	0.0293	8.33%	0.0288	4.23%
139	Taurine (%)	1	1	0.1900							
400	Water Activity (Units)	5	4	0.5637	0.0105	0.5637	0.0105	0.0053	1.87%	0.0029	
516	Arsenic, Total (As) (ppm)	3	1								
518	Cadmium (ppm)	3	3	0.0867	0.0041	0.0867	0.0041	0.0023	4.67%	0.0069	22.00%
520	Chromium, Total (Cr) (ppm)	6	5	1.060	0.8460	1.060	0.8460	0.4729	79.83%	0.1254	15.86%
526	Lead (ppm)	5	3	0.1325	0.1109	0.1325	0.1109	0.0640	83.70%	0.0297	21.68%
529	Mercury (ppb)	1	1	0.5863							
539	Nickel (ppm)	4	4	1.395	0.3740	1.395	0.3740	0.1870	26.81%	0.0510	15.22%

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.