



AAFCO
Association of American Feed Control Officials



Pet Food Ingredient Scheme

Oats

Test Material Code # 202441

Analyte Summary Report

Labs Reporting: 99

Analytes Reported: 57

Issue Date : 03/31/2024

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 (%)	74	73	9.011	0.2828	9.028	0.1717	0.0251	1.90%	0.0835	2.87%
002	Protein, Crude (%)	100	98	12.93	0.4036	12.95	0.1906	0.0241	1.47%	0.1424	2.72%
003	Fat, Crude (%)	60	59	4.583	0.6737	4.683	0.3081	0.0501	6.58%	0.1399	3.17%
004	Fiber, Crude (%)	33	32	8.225	1.009	8.130	0.8842	0.1954	10.88%	0.3203	2.92%
005	Ash (%)	89	87	2.223	0.0942	2.215	0.0502	0.0067	2.27%	0.0419	3.55%
006	Total Sugars (%)	1	1	1.645							
008	Fiber, Acid Detergent (%)	16	15	11.29	1.533	11.17	1.439	0.4645	12.88%	0.3065	2.78%
009	Fiber, Neutral Detergent (%)	12	11	22.87	2.771	22.53	2.240	0.8443	9.94%	0.3618	2.11%
010	Moisture (%)	4	3	9.130	0.2940	9.130	0.2940	0.1697	3.22%	0.0220	2.87%
011	Loss on Drying, HT (%)	21	20	9.208	0.5179	9.308	0.2454	0.0686	2.64%	0.1127	2.86%
012	Starch (%)	11	11	45.64	2.820	45.34	2.536	0.9559	5.59%	0.6847	1.49%
013	Fat, Pretreat (%)	29	28	5.735	0.5349	5.747	0.5418	0.1280	9.43%	0.1483	3.07%
015	Aluminum (ppm)	5	4	4.871	1.381	4.871	1.381	0.6905	28.35%	0.3921	12.60%
017	Boron (ppm)	4	3	1.093	0.1225	1.093	0.1225	0.0707	11.20%	0.0108	15.78%
019	Calcium (%)	53	52	0.0608	0.0212	0.0580	0.0077	0.0013	13.34%	0.0016	6.14%
021	Cobalt (ppm)	5	4	0.2061	0.0383	0.2061	0.0383	0.0192	18.59%	0.0258	20.29%
022	Copper (ppm)	50	45	4.189	1.179	4.009	0.4648	0.0866	11.60%	0.1272	12.98%
025	Iron (ppm)	22	22	66.52	5.977	66.15	5.791	1.543	8.75%	2.345	8.51%
027	Magnesium (%)	51	48	0.1154	0.0085	0.1156	0.0091	0.0016	7.85%	0.0021	5.53%
028	Manganese (ppm)	51	51	38.61	1.743	38.64	1.501	0.2628	3.88%	0.7144	9.23%
031	Phosphorus (%)	58	58	0.3033	0.0142	0.3040	0.0131	0.0022	4.32%	0.0077	4.78%
032	Potassium (%)	54	53	0.3771	0.0213	0.3778	0.0226	0.0039	5.99%	0.0102	4.63%
033	Salt as chloride (%)	5	3	0.0972	0.0422	0.0972	0.0422	0.0244	43.47%		5.68%
034	Selenium, Total (Se) (ppm)	4	2	0.1478	0.0464	0.1478	0.0464	0.0328	31.39%	0.0054	21.33%
035	Sodium (%)	37	29	0.0114	0.0053	0.0105	0.0041	0.0010	39.32%	0.0005	7.95%
036	Sulfur (%)	15	14	0.1781	0.0106	0.1780	0.0120	0.0040	6.73%	0.0057	5.19%
037	Zinc (ppm)	50	49	26.71	7.066	28.70	3.260	0.5822	11.36%	0.6388	9.65%
038	Molybdenum (ppm)	7	7	1.254	0.1366	1.284	0.0741	0.0350	5.77%	0.0616	15.41%
040	Barium (ppm)	1	1	1.897							

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041	Vanadium (ppm)	1	1	0.0293							
042	Chloride (%)	1	1	0.0924							
120	Alanine (%)	6	5	0.6286	0.1875	0.6286	0.1875	0.1048	29.83%	0.0073	4.29%
121	Arginine (%)	6	6	0.7485	0.0387	0.7485	0.0439	0.0224	5.87%	0.0119	4.18%
122	Aspartic (%)	6	5	0.9024	0.0933	0.9024	0.0933	0.0521	10.34%	0.0269	4.06%
124	Cysteine/Cystine (%)	6	5	0.3087	0.0585	0.3087	0.0585	0.0327	18.95%	0.0073	4.77%
125	Glutamic (%)	6	6	2.324	0.6762	2.324	0.7668	0.3913	32.99%	0.0706	3.52%
126	Glycine (%)	6	5	0.5413	0.0879	0.5413	0.0879	0.0491	16.24%	0.0142	4.39%
127	Histidine (%)	6	6	0.2859	0.0645	0.2677	0.0254	0.0130	9.50%	0.0102	4.88%
128	Isoleucine (%)	6	6	0.4818	0.1031	0.4725	0.0945	0.0482	20.00%	0.0158	4.48%
129	Leucine (%)	6	5	0.8628	0.1121	0.8628	0.1121	0.0130	12.99%	0.0199	4.09%
130	L-Lysine (%)	6	6	0.5145	0.0933	0.5017	0.0744	0.0380	14.83%	0.0162	4.44%
131	Methionine (%)	6	6	0.1738	0.0776	0.1932	0.0379	0.0193	19.60%	0.0080	5.12%
132	Phenylalanine (%)	6	6	0.5818	0.0966	0.5818	0.1095	0.0559	18.83%	0.0151	4.34%
133	Proline (%)	6	6	0.6648	0.1254	0.6565	0.1223	0.0624	18.63%	0.0254	4.26%
134	Serine (%)	6	5	0.5730	0.0746	0.5730	0.0746	0.0437	13.02%	0.0138	4.35%
135	Threonine (%)	6	6	0.4370	0.0592	0.4370	0.0672	0.0343	15.37%	0.0063	4.53%
136	Tryptophan (%)	6	6	0.2052	0.1350	0.1679	0.0557	0.0284	33.16%	0.0081	5.23%
137	Tyrosine (%)	6	6	0.3443	0.0778	0.3443	0.0883	0.0450	25.63%	0.0226	4.70%
138	Valine (%)	6	6	0.5797	0.0743	0.5797	0.0842	0.0430	14.53%	0.0134	4.34%
139	Taurine (%)	2	2	0.1355	0.1054						
400	Water Activity (Units)	1	1	0.3924							
516	Arsenic, Total (As) (ppm)	2	1	0.0069							
518	Cadmium (ppm)	5	3	0.0203	0.0048	0.0203	0.0048	0.0028	23.82%	0.0037	22.00%
520	Chromium, Total (Cr) (ppm)	6	6	3.182	1.155	3.182	1.310	0.6683	41.16%	0.0627	13.44%
526	Lead (ppm)	4	3	0.0750	0.0736	0.0750	0.0736	0.0425	98.12%	0.0367	22.00%
529	Mercury (ppb)	2	1	1.569							
539	Nickel (ppm)	4	4	5.296	0.4569	5.296	0.4569	0.2285	8.63%	0.1087	12.45%

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.