



AAFCO
Association of American Feed Control Officials



Pet Food Ingredient Scheme

Dried Molasses

Test Material Code # 202242

Analyte Summary Report

Labs Reporting: 77

Analytes Reported: 79

Issue Date : 06/30/2022

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 (%)	50	49	2.368	0.4135	2.361	0.2116	0.0378	8.96%	0.0970	3.51%
002	Protein, Crude (%)	81	79	9.057	0.2839	9.079	0.2534	0.0356	2.79%	0.2022	2.87%
003	Fat, Crude (%)	37	32	0.9536	1.252	0.5221	0.2414	0.0533	46.24%	0.0666	4.41%
004	Fiber, Crude (%)	33	33	15.57	0.7339	15.54	0.5436	0.1183	3.50%	0.3691	2.54%
005	Ash (%)	69	67	11.42	0.2300	11.43	0.1716	0.0262	1.50%	0.1309	2.77%
006	Total Sugars (%)	3	3	30.75	4.179	30.75	4.179	2.413	13.59%	1.048	1.80%
008	Fiber, Acid Detergent (%)	11	11	19.43	0.9298	19.39	0.9531	0.3592	4.92%	0.1760	2.27%
009	Fiber, Neutral Detergent (%)	8	8	25.18	1.624	25.49	1.029	0.4547	4.04%	0.4058	1.98%
010	Moisture (%)	5	4	2.486	0.2894	2.486	0.2894	0.1447	11.64%	0.0675	3.49%
011	Loss on Drying, HT (%)	21	20	5.109	1.771	4.829	0.7383	0.2064	15.29%	0.3180	3.16%
012	Starch (%)	9	8	1.065	0.4913	1.042	0.5050	0.2232	48.45%	0.0947	3.97%
013	Fat, Acid Pretreat (%)	37	36	3.508	1.382	3.549	1.461	0.3044	41.16%	0.2257	3.31%
014	Fiber, Total Dietary (%)	1	1	33.05							
015	Aluminum (ppm)	8	8	101.3	19.53	97.89	13.19	5.828	13.47%	1.552	8.02%
017	Boron (ppm)	5	5	15.60	2.263	15.60	2.263	1.012	14.51%	0.9375	10.58%
019	Calcium (%)	59	57	0.8351	0.0385	0.8338	0.0305	0.0050	3.66%	0.0144	4.11%
021	Cobalt (ppm)	13	13	0.8240	0.1366	0.8240	0.1549	0.0537	18.80%	0.0293	16.47%
022	Copper (ppm)	32	30	7.838	2.906	7.357	1.092	0.2492	14.84%	0.4701	11.85%
023	Fluorine (ppm)	1		5.000							
024	Iodine (ppm)	1	1	0.1850							
025	Iron (ppm)	29	29	256.4	62.53	260.6	13.34	3.097	5.12%	5.825	6.93%
027	Magnesium (%)	56	54	0.3809	0.0207	0.3825	0.0184	0.0031	4.82%	0.0085	4.62%
028	Manganese (ppm)	44	44	26.62	3.174	26.61	1.725	0.3250	6.48%	0.6164	9.76%
031	Phosphorus (%)	60	59	0.1535	0.0148	0.1522	0.0115	0.0019	7.56%	0.0041	5.31%
032	Potassium (%)	59	58	4.099	0.5331	4.163	0.2534	0.0416	6.09%	0.0809	3.23%
033	Salt as chloride (%)	15	14	1.448	0.4203	1.559	0.1962	0.0656	12.59%	0.0217	3.74%
034	Selenium, Total (Se) (ppm)	9	9	1.300	0.2871	1.275	0.2626	0.1094	20.61%	0.0860	15.42%
035	Sodium (%)	52	50	0.0590	0.0260	0.0589	0.0280	0.0050	47.62%	0.0045	6.13%
036	Sulfur (%)	20	19	0.4516	0.0538	0.4583	0.0360	0.0103	7.85%	0.0072	4.50%

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037	Zinc (ppm)	33	32	24.40	3.882	24.30	2.710	0.5989	11.15%	1.359	9.90%
038	Molybdenum (ppm)	10	9	1.265	0.1422	1.256	0.1411	0.0588	11.23%	0.0347	15.46%
040	Barium (ppm)	1	1	20.87							
041	Vanadium (ppm)	2	2	0.3920	0.0114						
042	Chloride (%)	2	2	0.8543	0.0484						
101	Choline Chloride (ppm)	1	1	1,100							
102	Niacin (ppm)	1	1	33.85							
103	Pantothenic Acid (ppm)	1	1	31.60							
104	Riboflavin (ppm)	1	1	16.35							
105	Thiamine (ppm)	2	2	1.858	1.142						
106	Vitamin A (KU / kg)	2	1	0.0600							
107	Vitamin B12 (ppb)	1	1	11.50							
108	Vitamin D3 (KU / kg)	2		0.0500							
109	Vitamin E (IU / kg)	2	2	8.333	1.291						
112	Pyridoxine (µg / g)	1	1	6.040							
113	Folic Acid (ppm)	1	1	1.185							
114	Biotin (ppm)	1	1	0.8970							
120	Alanine (%)	6	6	0.3175	0.0112	0.3175	0.0128	0.0065	4.02%	0.0075	4.75%
121	Arginine (%)	6	5	0.2564	0.0169	0.2564	0.0169	0.0036	6.60%	0.0023	4.91%
122	Aspartic (%)	6	6	1.133	0.0538	1.133	0.0610	0.0311	5.38%	0.0330	3.93%
124	Cysteine/Cystine (%)	6	6	0.0960	0.0162	0.0960	0.0184	0.0094	19.18%	0.0064	5.69%
125	Glutamic (%)	6	6	0.8813	0.1847	0.9278	0.0893	0.0456	9.62%	0.0460	4.05%
126	Glycine (%)	6	6	0.4707	0.0198	0.4707	0.0225	0.0115	4.77%	0.0118	4.48%
127	Histidine (%)	6	6	0.1346	0.0147	0.1346	0.0167	0.0085	12.38%	0.0071	5.41%
128	Isoleucine (%)	6	6	0.2286	0.0154	0.2286	0.0174	0.0089	7.63%	0.0083	4.99%
129	Leucine (%)	6	6	0.3651	0.0267	0.3651	0.0302	0.0154	8.28%	0.0107	4.65%
130	L-Lysine (%)	6	6	0.2040	0.0156	0.2040	0.0177	0.0090	8.69%	0.0086	5.08%
131	Methionine (%)	6	6	0.0711	0.0424	0.0608	0.0214	0.0109	35.20%	0.0057	6.10%
132	Phenylalanine (%)	6	6	0.2365	0.0181	0.2367	0.0200	0.0102	8.47%	0.0072	4.97%
133	Proline (%)	6	6	0.3000	0.0291	0.3000	0.0330	0.0169	11.02%	0.0135	4.79%
134	Serine (%)	6	6	0.3164	0.0522	0.3164	0.0592	0.0302	18.70%	0.0066	4.76%
135	Threonine (%)	6	6	0.2138	0.0255	0.2198	0.0136	0.0069	6.18%	0.0058	5.02%
136	Tryptophan (%)	5	4	0.0683	0.0303	0.0683	0.0303	0.0152	44.41%	0.0000	5.99%
137	Tyrosine (%)	6	6	0.1895	0.0378	0.1849	0.0315	0.0161	17.07%	0.0026	5.16%
138	Valine (%)	6	6	0.2936	0.0371	0.2912	0.0365	0.0186	12.52%	0.0151	4.82%
139	Taurine (%)	3	2	0.1258	0.1474	0.1258	0.1474	0.1042	117.24%	0.0005	5.46%
160	Fructose (%)	3	3	3.345	0.3663	3.345	0.3663	0.2115	10.95%	0.0433	3.34%
162	Glucose (%)	3	3	1.145	0.4771	1.145	0.4771	0.2754	41.66%	0.0567	3.92%
163	Lactose (%)	3									
164	Maltose (%)	2		0.1000							

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165	Sucrose (%)	3	3	26.40	2.212	26.40	2.212	1.277	8.38%	0.4733	1.95%
166	Raffinose (%)	1	1	0.0650							
167	Stachyose (%)	1	1	0.4300							
400	Water Activity (Units)	8	8	0.1878	0.0436	0.1853	0.0436	0.0193	23.53%	0.0090	
516	Arsenic, Total (As) (ppm)	6	5	0.2381	0.0323	0.2381	0.0323	0.0181	13.57%	0.0114	19.85%
518	Cadmium (ppm)	8	7	0.1031	0.0421	0.1061	0.0406	0.0192	38.31%	0.0048	22.00%
520	Chromium, Total (Cr) (ppm)	7	7	1.429	0.2557	1.428	0.2900	0.1370	20.30%	0.1049	15.16%
526	Lead (ppm)	7	7	0.1166	0.0477	0.1073	0.0299	0.0141	27.84%	0.0169	22.00%
529	Mercury (ppb)	3	1								
539	Nickel (ppm)	5	5	3.063	0.3136	3.063	0.3136	0.1402	10.24%	0.0487	13.52%

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.