



Pet Food Ingredient Scheme

Brewer's Yeast

Test Material Code # 202042

Analyte Summary Report

Labs Reporting: 54

Analytes Reported: 65

Issue Date : 06/30/2020

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 (%)	25	25	9.896	0.3619	9.952	0.2404	0.0601	2.42%	0.1334	2.83%
002	Protein, Crude (%)	58	55	47.37	0.4444	47.40	0.2912	0.0491	0.61%	0.1520	1.45%
003	Fat, Crude (%)	38	37	1.238	0.5822	1.140	0.2527	0.0519	22.16%	0.1484	3.92%
004	Fiber, Crude (%)	27	27	4.173	0.9293	4.091	0.5965	0.1435	14.58%	0.1617	3.24%
005	Ash (%)	45	43	5.597	0.5081	5.608	0.2796	0.0533	4.99%	0.1193	3.09%
006	Total Sugars (%)	1	1	18.30							
008	Fiber, Acid Detergent (%)	8	8	5.879	0.6097	5.879	0.6913	0.3055	11.76%	0.3408	3.06%
009	Fiber, Neutral Detergent (%)	8	8	11.05	2.345	11.05	2.659	1.175	24.07%	0.9708	2.79%
010	Moisture (%)	4	4	9.034	2.517	9.034	2.517	1.258	27.86%	0.0725	2.87%
011	Loss on Drying (%)	25	24	10.88	0.5579	10.93	0.4899	0.1250	4.48%	0.1342	2.79%
012	Starch (%)	7	7	3.026	1.658	3.026	1.880	0.8881	62.12%	0.2121	3.39%
013	Fat, Acid Pretreat (%)	18	18	2.529	0.8484	2.557	0.8036	0.2368	31.43%	0.2999	3.47%
015	Aluminum (ppm)	5	5	39.15	15.36	39.15	15.36	6.870	39.23%	1.131	9.21%
017	Boron (ppm)	3	3	33.77	0.6835	33.77	0.6835	0.3946	2.02%	0.3504	9.42%
019	Calcium (%)	32	31	0.2616	0.0148	0.2618	0.0127	0.0029	4.87%	0.0065	4.89%
021	Cobalt (ppm)	6	4	0.0955	0.0525	0.0955	0.0525	0.0328	55.01%	0.0016	22.00%
022	Copper (ppm)	25	23	14.30	1.260	14.21	1.222	0.3184	8.60%	0.4985	10.73%
025	Iron (ppm)	23	22	105.1	9.454	103.6	5.517	1.470	5.32%	6.230	7.96%
027	Magnesium (%)	31	30	0.2647	0.0125	0.2648	0.0119	0.0027	4.50%	0.0047	4.89%
028	Manganese (ppm)	24	23	28.81	2.215	28.72	2.207	0.5752	7.68%	0.6752	9.65%
031	Phosphorus (%)	34	33	0.6685	0.0377	0.6699	0.0321	0.0070	4.80%	0.0131	4.25%
032	Potassium (%)	32	31	2.014	0.0956	2.019	0.0910	0.0204	4.51%	0.0411	3.60%
033	Salt as chloride (%)	7	5	0.0356	0.0225	0.0356	0.0225	0.0030	63.20%	0.0048	6.61%
034	Selenium (ppm)	9	9	0.2726	0.1771	0.2407	0.1133	0.0472	47.09%	0.0090	19.82%
035	Sodium (%)	26	20	0.0148	0.0124	0.0130	0.0097	0.0027	74.52%	0.0033	7.69%
036	Sulfur (%)	12	12	0.3749	0.0181	0.3738	0.0180	0.0065	4.81%	0.0093	4.64%
037	Zinc (ppm)	26	25	58.73	4.731	58.83	4.886	1.222	8.31%	1.507	8.66%
038	Molybdenum (ppm)	6	5	9.276	1.210	9.276	1.210	0.6766	13.05%	0.0508	11.44%
040	Barium (ppm)	1	1	2.757							

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041	Vanadium (ppm)	1	1	0.0875							
101	Choline Chloride (ppm)	3	3	3,021	906.8	3,021	906.8	523.5	30.01%	173.7	4.79%
102	Niacin (ppm)	3	3	26.43	18.47	26.43	18.47	10.66	69.87%	0.6600	9.77%
103	Pantothenic Acid (ppm)	3	3	38.02	46.80	38.02	46.80	27.02	123.10%	2.567	9.25%
104	Riboflavin (ppm)	4	4	4.956	2.802	4.956	2.802	1.401	56.53%	0.2875	12.57%
105	Thiamine (ppm)	3	3	4.328	2.421	4.328	2.421	1.398	55.94%	0.1767	12.83%
107	Vitamin B12 (ppb)	1	1	18.15							
109	Vitamin E (IU / kg)	1	1	1.000							
112	Pyridoxine (µg / g)	2	2	20.07	22.39						
113	Folic Acid (ppm)	1	1	3.410							
114	Biotin (ppm)	2	1	0.4405							
120	Alanine (%)	7	6	2.061	0.0771	2.061	0.0874	0.0446	4.24%	0.0287	3.59%
121	Arginine (%)	8	8	3.231	0.2716	3.276	0.1895	0.0837	5.78%	0.0662	3.35%
122	Aspartic (%)	7	7	4.971	0.6425	5.132	0.2922	0.1380	5.69%	0.1037	3.13%
124	Cysteine/Cystine (%)	8	7	0.6016	0.0325	0.6016	0.0368	0.0174	6.12%	0.0147	4.32%
125	Glutamic (%)	7	6	8.222	0.7293	8.222	0.8271	0.4221	10.06%	0.1088	2.91%
126	Glycine (%)	7	7	1.939	0.0724	1.939	0.0821	0.0388	4.23%	0.0322	3.62%
127	Histidine (%)	8	7	1.216	0.1204	1.200	0.0952	0.0450	7.94%	0.0145	3.89%
128	Isoleucine (%)	8	7	2.024	0.1620	2.029	0.1715	0.0810	8.45%	0.0487	3.60%
129	Leucine (%)	8	8	3.452	0.2025	3.453	0.2274	0.1005	6.59%	0.0559	3.32%
130	L-Lysine (%)	8	7	2.789	0.1823	2.789	0.2067	0.0977	7.41%	0.0617	3.43%
131	Methionine (%)	8	8	0.6261	0.0558	0.6223	0.0544	0.0240	8.74%	0.0295	4.30%
132	Phenylalanine (%)	8	7	2.313	0.1254	2.331	0.0976	0.0461	4.19%	0.0550	3.52%
133	Proline (%)	7	7	2.201	0.1459	2.201	0.1655	0.0782	7.52%	0.0588	3.55%
134	Serine (%)	7	7	2.258	0.3234	2.282	0.3096	0.1463	13.57%	0.0615	3.53%
135	Threonine (%)	9	9	1.760	0.2406	1.817	0.1051	0.0438	5.78%	0.0768	3.66%
136	Tryptophan (%)	7	7	0.7053	0.2049	0.6604	0.1134	0.0536	17.18%	0.0102	4.26%
137	Tyrosine (%)	6	6	1.429	0.3409	1.484	0.2517	0.1284	16.97%	0.0757	3.77%
138	Valine (%)	8	8	2.108	0.1871	2.108	0.2122	0.0938	10.07%	0.0505	3.58%
139	Taurine (%)	2	2	0.0487	0.0656						
400	Water Activity (Units)	4	4	0.5797	0.0055	0.5797	0.0055	0.0028	0.95%	0.0059	
516	Arsenic, Total (ppm)	6	4	0.2592	0.4112	0.2592	0.4112	0.0022	158.62%	0.0069	19.60%
518	Cadmium (ppm)	6	4	0.0546	0.0083	0.0546	0.0083	0.0052	15.29%	0.0016	22.00%
520	Chromium (ppm)	5	4	0.2655	0.0767	0.2655	0.0767	0.0383	28.89%	0.0214	19.53%
526	Lead (ppm)	4	4	0.0364	0.0100	0.0364	0.0100	0.0050	27.59%	0.0039	22.00%
539	Nickel (ppm)	4	4	3.222	0.5179	3.222	0.5179	0.2589	16.07%	0.0926	13.41%

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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