

Pet Food Scheme
Brewers Dried Yeast
Test Material Code # 201843

Analyte Summary Report

Analytes Reported: 82
Labs Reporting: 49
Issue Date : 09/30/2018

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	AAFCO PT ffp - Robust sd	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Howitz %RSD
001	Loss on Drying (%)	23	22	5.4168	0.46243	5.4152	0.51897	0.13830	9.58%	0.14186	3.10%
002	Protein, Crude (%)	51	50	44.536	0.50377	44.579	0.37008	0.06542	0.83%	0.18804	1.50%
003	Fat, Crude (%)	24	22	0.44012	0.23864	0.41932	0.21326	0.05683	50.86%	0.06298	4.56%
004	Fiber, Crude (%)	21	18	2.2859	4.0915	1.4973	1.7934	0.52840	119.78%	0.14106	3.76%
005	Ash (%)	39	39	5.7040	0.99389	5.6155	0.87136	0.17441	15.52%	0.21531	3.08%
006	Total Sugars (%)	1	1	0.41500							
008	Fiber, Acid Detergent (%)	10	8	1.2950	1.5272	0.88212	0.53011	0.23428	60.09%	0.08045	4.08%
009	Fiber, Neutral Detergent (%)	8	8	5.7696	10.395	2.7685	2.8749	1.2705	103.84%	0.18696	3.43%
010	Moisture (%)	4	4	5.9150	0.55867	5.9150	0.55867	0.34917	9.44%	0.03000	3.06%
011	Loss on Drying (%)	21	20	7.6593	0.67198	7.6369	0.70922	0.19823	9.29%	0.11605	2.95%
012	Starch (%)	10	10	4.2465	7.2157	2.2525	1.5648	0.61854	69.47%	0.11300	3.54%
013	Fat, Acid Pretreat (%)	24	23	7.9125	3.3224	8.5609	2.2759	0.59319	26.58%	0.24793	2.90%
015	Aluminum (mg / kg (ppm))	2	2	89.175	115.51						
017	Boron (mg / kg (ppm))	1	1	2.0000							
019	Calcium (%)	30	27	0.05582	0.00675	0.05553	0.00648	0.00156	11.67%	0.00346	6.18%
021	Cobalt (mg / kg (ppm))	2		0.05000							
022	Copper (mg / kg (ppm))	21	19	5.7621	4.6939	4.6111	1.2458	0.35727	27.02%	0.54275	12.71%
025	Iron (mg / kg (ppm))	25	23	45.240	4.3776	45.078	4.5355	1.1821	10.06%	2.2835	9.02%
027	Magnesium (%)	31	30	0.17384	0.01793	0.17585	0.01037	0.00237	5.90%	0.00556	5.20%
028	Manganese (mg / kg (ppm))	26	25	12.178	1.7874	11.995	1.4802	0.37006	12.34%	0.47889	11.01%
031	Phosphorus (%)	32	31	1.0707	0.07061	1.0733	0.06496	0.01458	6.05%	0.03398	3.96%
032	Potassium (%)	32	30	1.0246	0.09582	1.0337	0.08050	0.01837	7.79%	0.02651	3.98%
033	Salt as chloride (%)	8	8	0.18691	0.05649	0.19001	0.05682	0.02511	29.91%	0.00390	5.14%
034	Selenium (mg / kg (ppm))	4	3	0.66638	0.75113	0.66638	0.75113	0.54208	112.72%	0.27083	17.00%
035	Sodium (%)	28	26	0.13300	0.01923	0.13576	0.01389	0.00340	10.23%	0.00553	5.40%
036	Sulfur (%)	8	8	0.37743	0.02282	0.37743	0.02587	0.01143	6.86%	0.00811	4.63%
037	Zinc (mg / kg (ppm))	28	27	83.612	8.6070	83.013	8.1793	1.9676	9.85%	2.6890	8.23%
038	Molybdenum (mg / kg (ppm))	2	2	0.84425	0.22026						
102	Niacin (mg / kg (ppm))	1	1	51.700							
103	Pantothenic Acid (mg / kg (ppm))	1	1	1.6200							
104	Riboflavin (mg / kg (ppm))	1	1	15.650							
105	Thiamine (mg / kg (ppm))	1	1	1.9950							

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106	Vitamin A (KU / kg)	1		0.00000							
107	Vitamin B12 (µg / kg (ppb))	1		4.4000							
108	Vitamin D3 (KU / kg)	1	1	48.685							
109	Vitamin E (IU / kg)	1	1	2.2000							
113	Folic Acid (mg / kg (ppm))	1	1	10.750							
114	Biotin (mg / kg (ppm))	1	1	0.77150							
120	Alanine (%)	9	9	3.0868	0.16242	3.0819	0.17295	0.07206	5.61%	0.04800	3.38%
121	Arginine (%)	9	9	2.0022	0.07059	2.0076	0.06826	0.02844	3.40%	0.04303	3.60%
122	Aspartic (%)	8	8	4.0748	0.15953	4.0748	0.18090	0.07995	4.44%	0.08451	3.24%
124	Cysteine/Cystine (%)	9	9	0.47251	0.04042	0.47058	0.04136	0.01723	8.79%	0.02538	4.48%
125	Glutamic (%)	9	9	5.5149	0.54417	5.5344	0.57269	0.23862	10.35%	0.10900	3.09%
126	Glycine (%)	8	8	1.9314	0.09153	1.9314	0.10380	0.04587	5.37%	0.03424	3.62%
127	Histidine (%)	9	9	1.0120	0.07222	1.0155	0.07389	0.03079	7.28%	0.01187	3.99%
128	Isoleucine (%)	9	8	1.9971	0.11476	1.9936	0.12208	0.05395	6.12%	0.01814	3.61%
129	Leucine (%)	9	9	3.4677	0.07000	3.4635	0.06873	0.02864	1.98%	0.04796	3.32%
130	L-Lysine (%)	9	9	2.8962	0.25202	2.9381	0.17290	0.07204	5.88%	0.04611	3.40%
131	Methionine (%)	9	9	0.72842	0.07892	0.71518	0.05377	0.02240	7.52%	0.02207	4.21%
132	Phenylalanine (%)	9	9	1.8857	0.07604	1.8857	0.08623	0.03593	4.57%	0.02970	3.64%
133	Proline (%)	9	9	1.9225	0.08435	1.9363	0.05857	0.02440	3.02%	0.04487	3.62%
134	Serine (%)	9	9	2.0394	0.15740	2.0394	0.17849	0.07437	8.75%	0.02551	3.59%
135	Threonine (%)	9	9	2.0814	0.13686	2.0864	0.10530	0.04387	5.05%	0.03563	3.58%
136	Tryptophan (%)	7	7	0.50788	0.05246	0.50788	0.05949	0.02811	11.71%	0.02030	4.43%
137	Tyrosine (%)	8	8	1.4944	0.11731	1.4944	0.13303	0.05879	8.90%	0.04406	3.77%
138	Valine (%)	9	9	2.3959	0.14046	2.3959	0.15928	0.06637	6.65%	0.05328	3.51%
139	Taurine (%)	3	3	0.09433	0.07750	0.09433	0.07750	0.05593	82.16%	0.00733	5.71%
160	Fructose (%)	1		0.00000							
162	Glucose (%)	1		0.00000							
163	Lactose (%)	1		0.00000							
165	Sucrose (%)	1		0.00000							
166	Raffinose (%)	1		0.00000							
167	Stachyose (%)	1		0.00000							
400	Water Activity (Units)	1	1	0.36855							
516	Arsenic, Total (mg / kg (ppm))	4	3	0.44110	0.68635	0.44110	0.68635	0.49533	155.60%	0.14313	18.09%
518	Cadmium (mg / kg (ppm))	3									
520	Chromium (mg / kg (ppm))	2	2	0.55075	0.23441						
526	Lead (mg / kg (ppm))	2	1	0.02600							
539	Nickel (mg / kg (ppm))	1	1	0.60750							
710	Lauric Acid (12:0) (% (w/w))	1		0.01000							
714	Myristic Acid (14:0) (% (w/w))	1		0.01000							
716	Palmitic Acid (16:0) (% (w/w))	1	1	1.0800							

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718	Palmitoleic Acid (9c-16:1) (% (w/w))	1	1	0.01000							
722	Stearic Acid (18:0) (% (w/w))	1	1	0.20000							
724	Oleic Acid (9c-18:1) (% (w/w))	1	1	0.37000							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	1	1	1.5750							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	1	1	0.09000							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	1		0.01000							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (% (w/w))	1		0.01000							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	1	1	0.10000							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	1	1	1.5900							
772	Total Fatty Acids (% (w/w))	1	1	3.3550							

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.