

**Pet Food Scheme**
**Cheese Powder**
**Test Material Code # 201643**
**Analyte Summary Report**
**# Analytes Reported: 87**
**# Labs Reporting: 53**
**Issue Date : 10/31/2016**

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)	Horwitz %RSD
001	Loss on Drying (%)	18	17	3.8245	0.40009	3.8569	0.37110	0.11251	9.62%	0.07475	3.26%
002	Protein (%)	48	47	14.993	0.28429	14.995	0.29489	0.05377	1.97%	0.09373	2.58%
003	Fat (%)	15	15	10.211	11.638	10.211	13.198	4.2596	129.26%	0.32662	2.82%
004	Fiber (%)	15	14	0.76660	0.70682	0.74782	0.75950	0.25373	101.56%	0.06697	4.18%
005	Ash (%)	41	39	12.493	0.11025	12.489	0.09334	0.01868	0.75%	0.07617	2.74%
006	Total sugars (%)	4	4	31.296	1.7539	31.296	1.7539	0.87695	5.60%	0.21123	1.79%
008	Fiber (%)	4	3	0.16395	0.07588	0.16395	0.07588	0.04381	46.28%	0.02323	5.25%
009	Fiber (%)	2	1	0.20910							
010	Moisture (%)	7	7	5.7650	2.6670	5.6688	2.8017	1.3237	49.42%	0.15543	3.08%
011	Loss on Drying (%)	23	21	8.1935	1.7149	8.5644	0.93187	0.25419	10.88%	0.22825	2.90%
012	Starch (%)	6	6	7.1867	3.7704	7.5282	3.4531	1.7621	45.87%	0.34340	2.95%
013	Fat (%)	36	35	26.698	2.1203	27.101	0.97608	0.20623	3.60%	0.30372	1.92%
014	Fiber, total dietary TDF (%)	1	1	11.200							
015	Aluminum (mg / kg (ppm))	2	2	3.1500	2.1213						
017	Boron (mg / kg (ppm))	1	1	1.1150							
019	Calcium (%)	36	35	0.43017	0.03453	0.43232	0.02488	0.00526	5.76%	0.01322	4.54%
021	Cobalt (mg / kg (ppm))	2	2	4.7599	6.7036						
022	Copper (mg / kg (ppm))	16	13	1.0194	1.3453	0.69951	0.60090	0.20833	85.90%	0.12504	16.88%
024	Iodine (mg / kg (ppm))	1	1	1.6450							
025	Iron (mg / kg (ppm))	18	12	4.4771	4.3673	3.5064	1.7203	0.62075	49.06%	0.24541	13.24%
027	Magnesium (%)	28	27	0.05052	0.00445	0.04996	0.00191	0.00046	3.82%	0.00178	6.28%
028	Manganese (mg / kg (ppm))	17	12	0.41129	0.28798	0.33536	0.14310	0.05164	42.67%	0.07673	18.86%
031	Phosphorus (%)	35	34	0.99630	0.08638	1.0042	0.06605	0.01416	6.58%	0.03124	4.00%
032	Potassium (%)	34	33	0.78149	0.05144	0.78001	0.05101	0.01110	6.54%	0.02342	4.15%
033	Salt as chloride (%)	10	9	6.9261	1.2343	7.2877	0.24588	0.10245	3.37%	0.02352	2.97%
034	Selenium (mg / kg (ppm))	6	6	0.26133	0.12533	0.26133	0.14213	0.07253	54.39%	0.00367	19.58%
035	Sodium (%)	29	28	3.6950	0.34020	3.7057	0.27423	0.06478	7.40%	0.10367	3.28%
036	Sulfur (%)	13	12	0.20590	0.01139	0.20590	0.01291	0.00466	6.27%	0.00792	5.07%
037	Zinc (mg / kg (ppm))	23	23	16.930	5.7025	15.711	3.1893	0.83127	20.30%	0.86741	10.57%
038	Molybdenum (mg / kg (ppm))	5	5	1.0610	1.8115	0.25128	0.06292	0.02814	25.04%	0.02088	19.69%

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)	Horwitz %RSD
042	Chloride (%)	1	1	4.5400							
101	Choline Chloride (mg / kg (ppm))	1	1	718.00							
102	Niacin (mg / kg (ppm))	1	1	6.4100							
104	Riboflavin (mg / kg (ppm))	2	2	8.9575	1.4036						
105	Thiamine (mg / kg (ppm))	2	2	1.9375	0.01768						
106	Vitamin A (KU / kg)	3	3	1,676.7	2,681.9	1,676.7	2,681.9	1,548.4	159.95%	50.340	
107	Vitamin B12 (µg / kg (ppb))	1	1	34.700							
108	Vitamin D3 (KU / kg)	2		0.00000							
109	Vitamin E (IU/kg)	2	2	17.300	3.8891						
113	Folic Acid (mg / kg (ppm))	1	1	0.41550							
120	Alanine (%)	5	5	0.55550	0.01789	0.55550	0.01789	0.00800	3.22%	0.00760	4.37%
121	Arginine (%)	5	5	0.40502	0.02736	0.40502	0.02736	0.01224	6.76%	0.00824	4.58%
122	Aspartic (%)	5	5	1.2609	0.04980	1.2609	0.04980	0.02227	3.95%	0.02470	3.86%
124	Cysteine/Cystine (%)	5	5	0.18651	0.06098	0.15939	0.00733	0.00328	4.60%	0.00622	5.27%
125	Glutamic (%)	5	5	3.0507	0.07921	3.0507	0.07921	0.03543	2.60%	0.05462	3.38%
126	Glycine (%)	5	5	0.28466	0.00837	0.28877	0.00214	0.00096	0.74%	0.00320	4.82%
127	Histidine (%)	5	5	0.35914	0.03287	0.37305	0.01227	0.00549	3.29%	0.01072	4.64%
128	Isoleucine (%)	5	5	0.83149	0.05247	0.83149	0.05247	0.02347	6.31%	0.01786	4.11%
129	Leucine (%)	5	5	1.4470	0.02773	1.4363	0.01599	0.00715	1.11%	0.01866	3.79%
130	L-Lysine (%)	5	5	1.2201	0.06007	1.2201	0.06007	0.02687	4.92%	0.02090	3.88%
131	Methionine (%)	5	5	0.33725	0.06553	0.33725	0.06553	0.02931	19.43%	0.00654	4.71%
132	Phenylalanine (%)	5	5	0.65418	0.01644	0.65418	0.01644	0.00735	2.51%	0.01120	4.26%
133	Proline (%)	5	5	1.3851	0.10918	1.3376	0.02945	0.01317	2.20%	0.02784	3.83%
134	Serine (%)	4	4	0.81991	0.02285	0.81991	0.02285	0.01142	2.79%	0.01183	4.12%
135	Threonine (%)	4	4	0.77819	0.03449	0.77819	0.03449	0.01725	4.43%	0.01253	4.15%
136	Tryptophan (%)	5	5	0.20416	0.03345	0.20416	0.03345	0.01496	16.38%	0.00944	5.08%
137	Tyrosine (%)	5	5	0.54405	0.09233	0.54405	0.09233	0.04129	16.97%	0.01422	4.38%
138	Valine (%)	5	5	0.90914	0.08424	0.94643	0.01389	0.00621	1.47%	0.01404	4.03%
139	Taurine (%)	2	2	0.05570	0.05558						
160	Fructose (%)	1		0.00000							
161	Galactose (%)	1	1	0.30000							
162	Glucose (%)	2	2	0.20000	0.14142						
163	Lactose (%)	4	4	29.724	1.9210	28.648	0.21567	0.10783	0.75%	0.66580	1.87%
164	Maltose (%)	1	1	0.20000							
165	Sucrose (%)	1		0.00000							
400	Water activity (Units)	2	2	0.22010	0.03168						
516	Arsenic, total (mg / kg (ppm))	1		0.10500							
518	Cadmium (mg / kg (ppm))	2	1	0.30000							

**Test Material Code # 201643**

**Issue Date : 10/31/2016**

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)	Honwiz %RSD
520	Chromium (mg / kg (ppm))	2	2	6.7500	9.4752						
526	Lead (mg / kg (ppm))	2	2	0.45700	0.62650						
539	Nickel (mg / kg (ppm))	3	3	2.6200	4.4427	0.05505	0.01407	0.00812	25.56%	0.11953	22.00%
710	Lauric Acid (12:0) (% (w/w))	1	1	0.21500							
714	Myristic Acid (14:0) (% (w/w))	1	1	0.75000							
716	Palmitic Acid (16:0) (% (w/w))	1	1	3.1100							
718	Palmitoleic Acid (9c-16:1) (% (w/w))	1	1	0.13000							
722	Stearic Acid (18:0) (% (w/w))	1	1	1.4450							
724	Oleic Acid (9c-18:1) (% (w/w))	1	1	2.2200							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	1	1	0.33500							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	1	1	0.04375							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	1	1	0.00000							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (% (w/w))	1	1	0.00000							
758	Total Saturated Fatty Acids (% (w/w))	4	4	10.261	0.94859	10.261	0.94859	0.47429	9.24%	0.19750	
762	Total Monounsaturated Fatty Acids (% (w/w))	3	3	11.148	2.1899	11.148	2.1899	1.2644	19.64%	0.22333	
764	Total cis Monounsaturated Fatty Acids (% (w/w))	1	1	8.8400							
766	Total Polyunsaturated Fatty Acids (% (w/w))	3	3	0.98833	0.32212	0.98833	0.32212	0.18597	32.59%	0.04333	
768	Total cis Polyunsaturated Fatty Acids (% (w/w))	1	1	0.69500							
772	Total Fatty Acids (% (w/w))	1	1	24.960							

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.