

Pet Food Scheme
Cheese Powder
Test Material Code # 201643
Method Summary Report

(Precision Report Follows)

Methods Reported: 229
Labs Reporting: 53
Issue Date : 10/31/2016

Method Code	Analyte and Method	Total # Labs Submitting	# Labs in Robust Calcs	Raw Mean	Raw SD	Assigned Value - Robust Mean	AAFCO PT fp - Robust sd	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Horwitz %RSD
001.00	Loss on Drying, Vac 95°C 5 hr (%)	5	5	3.6399	0.63285	3.6399	0.63285	0.28302	17.39%	0.09860	3.29%
001.03	Loss on Drying, Low temp. methods (%)	1	1	3.4950							
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	9	9	4.3218	1.0844	4.0175	0.27573	0.11489	6.86%	0.11530	3.24%
001.99	Loss on Drying, Miscellaneous (%)	3	3	3.8650	0.34275	3.8650	0.34275	0.19788	8.87%	0.05000	3.26%
002.00	Protein, Crude (%)	1	1	15.675							
002.01	Protein, Auto Kjel-Foss (%)	2	2	14.651	0.00884						
002.04	Protein, Copper Catalyst (%)	2	2	15.005	0.53033						
002.05	Protein, Copper, Boric Acid (%)	3	3	14.723	0.07750	14.723	0.07750	0.04474	0.53%	0.16000	2.61%
002.06	Protein, Combustion Nitrogen Analyzer (%)	37	36	15.018	0.25898	15.036	0.25114	0.05232	1.67%	0.08806	2.58%
002.08	Protein, Cu/Ti (%)	2	2	15.010	0.33941						
002.99	Protein, Miscellaneous (%)	1	1	14.850							
003.00	Fat, Eth Ext., Direct (%)	3	3	11.800	9.2778	11.800	9.2778	5.3565	78.63%	0.60883	2.76%
003.06	Fat, Pet Ether (%)	3	3	9.6650	14.844	1.0950	0.13435	0.09500	12.27%	0.18333	3.95%
003.10	Fat, Soxtec, Pet Ether (%)	3	3	1.2979	0.22156	1.2219	0.25194	0.17815	20.62%	0.11427	3.88%
003.12	Fat, Hexane Ext (%)	1	1	0.92000							
003.14	Fat, Ankom (%)	3	3	9.7783	13.511	9.7783	13.511	7.8003	138.17%	0.57000	2.84%
003.99	Fat, Miscellaneous (%)	2	2	27.308	0.27224						
004.00	Fiber, Crude, Asbestos Free (%)	5	4	0.68500	0.72729	0.32167	0.03686	0.02128	11.46%	0.08000	4.74%
004.03	Fiber, Fritted Glass (%)	1	1	1.7500							
004.06	Fiber, Fibertec (%)	2	2	0.47375	0.52503						
004.07	Fiber, ANKOM (%)	7	7	0.75641	0.76007	0.71589	0.76697	0.36236	107.13%	0.04094	4.21%
005.00	Ash, 2h @ 600°C (%)	32	30	12.502	0.10097	12.498	0.07671	0.01751	0.61%	0.06869	2.73%
005.05	Ash, 3h @ 550°C (%)	4	4	12.434	0.13823	12.434	0.13823	0.06911	1.11%	0.15750	2.74%
005.99	Ash, Miscellaneous (%)	5	5	12.482	0.15139	12.503	0.16661	0.08330	1.33%	0.05600	2.73%
006.01	Total sugars, Mod. Fehling Soln (%)	1	1	32.670							
006.99	Total sugars, Miscellaneous (%)	3	3	30.839	1.8320	30.839	1.8320	1.0577	5.94%	0.25497	1.80%
008.02	Fiber, Acid Detergent (%)	3	2	0.15200	0.10324					0.02400	
008.08	Fiber, Acid Detergent, ANKOM (%)	1	1	0.18785							
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	1		0.00000							
009.09	Fiber, Neutral Detergent, ANKOM (%)	1	1	0.20910							

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010.03	Moisture, Karl-Fischer (%)	1	1	4.6550							
010.99	Moisture, Miscellaneous (%)	6	6	5.9500	2.8719	5.9500	3.2567	1.6619	54.73%	0.16633	3.06%
011.01	Loss on Drying, 135°C 2hr (%)	21	19	8.4332	1.4335	8.7216	0.75889	0.21763	8.70%	0.23001	2.89%
011.02	Loss on Drying, 130°C for 2 hours (%)	2	2	5.9158	3.2184						
012.00	Starch, Polarimetric (Ewers) (%)	1	1	0.30000							
012.01	Starch, Megazyme (%)	2	2	7.5675	2.7824						
012.02	Starch, Colorimetric (GOP) (%)	1	1	10.660							
012.03	Starch, Enzymatic (%)	2	2	8.5127	0.20184						
013.00	Fat, Acid hydrolysis (%)	11	11	26.946	0.90289	26.946	1.0239	0.38589	3.80%	0.61563	1.93%
013.02	Fat, Mojonier, Bak Ext (%)	15	14	26.982	1.7424	27.466	0.28445	0.09503	1.04%	0.17374	1.91%
013.03	Fat, Roese-Gottlieb (%)	1	1	26.960							
013.08	Fat, Roese-Gottlieb Modified (%)	3	3	26.955	0.44500	26.955	0.62933	0.44500	2.33%	0.17000	1.93%
013.10	Fat, Soxtec-Acid Hydrolysis (%)	4	4	23.055	3.5174	23.407	4.2209	2.4369	18.03%	0.42400	2.07%
013.13	Fat, Ankom- Acid Hydrolysis (%)	2	2	27.950	0.36062						
014.99	Fiber, total dietary TDF, Miscellaneous (%)	1	1	11.200							
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	1	1	4.6500							
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	1	1	1.6500							
017.43	Boron, ICP, Microwave (mg / kg (ppm))	1	1	1.1150							
019.00	Calcium, Ox-Mn04 Vol. (%)	1	1	0.33580							
019.31	Calcium, AAS, Dry ash (%)	2	2	0.40800	0.00990						
019.32	Calcium, AAS, Open vessel (%)	1	1	0.43400							
019.33	Calcium, AAS, Microwave (%)	1	1	0.44800							
019.41	Calcium, ICP, Dry ash (%)	8	8	0.42519	0.01807	0.42413	0.01802	0.00796	4.25%	0.01245	4.55%
019.42	Calcium, ICP, Open vessel (%)	5	5	0.41871	0.03053	0.41871	0.03053	0.01365	7.29%	0.03226	4.56%
019.43	Calcium, ICP, Microwave (%)	12	12	0.44595	0.02218	0.44365	0.01911	0.00689	4.31%	0.00938	4.52%
019.44	Calcium, ICP, Dry ash (%)	3	3	0.39368	0.04811	0.39368	0.04811	0.02777	12.22%	0.00217	4.60%
019.52	Calcium, ICP-MS, Open vessel (%)	1	1	0.48500							
019.53	Calcium, ICP-MS, Microwave (%)	1	1	0.48950							
019.99	Calcium, Miscellaneous (%)	1	1	0.43500							
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	1	1	9.5000							
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	1	1	0.01970							
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	6	5	1.1185	0.75760	1.1185	0.75760	0.42351	67.73%	0.15350	15.73%
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	3	3	1.9616	2.6436	1.9616	2.6436	1.5263	134.77%	0.25860	14.45%
022.43	Copper, ICP, Microwave (mg / kg (ppm))	4	2	0.68080	0.39711					0.01510	
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	1	1	0.05000							
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2	2	0.18150	0.05445						
024.99	Iodine, Miscellaneous (mg / kg (ppm))	1	1	1.6450							
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	8	7	3.1436	1.1583	3.1436	1.3135	0.62056	41.78%	0.35813	13.46%

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025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2	1	13.217							
025.43	Iron, ICP, Microwave (mg / kg (ppm))	7	4	6.5025	7.5581	2.7583	1.2550	0.78437	45.50%	0.07950	13.73%
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	1	1	5.7100							
027.31	Magnesium, AAS, Dry ash (%)	1	1	0.04725							
027.32	Magnesium, AAS, Open vessel (%)	1	1	0.04775							
027.33	Magnesium, AAS, Microwave (%)	2	2	0.04988	0.00018						
027.41	Magnesium, ICP, Dry ash (%)	8	8	0.05218	0.00605	0.05071	0.00273	0.00121	5.38%	0.00168	6.26%
027.42	Magnesium, ICP, Open vessel (%)	3	3	0.04663	0.00583	0.05000	0.00000	0.00000	0.00%	0.00427	6.28%
027.43	Magnesium, ICP, Microwave (%)	10	9	0.05083	0.00163	0.05065	0.00138	0.00057	2.72%	0.00180	6.27%
027.44	Magnesium, ICP, Dry ash (%)	2	2	0.04795	0.00148						
027.53	Magnesium, ICP-MS, Microwave (%)	1	1	0.05865							
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	6	4	0.34241	0.07915	0.34241	0.07915	0.04947	23.11%	0.03028	18.80%
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	3	2	0.70185	0.42165					0.30750	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	6	4	0.42779	0.39054	0.25750	0.01768	0.01105	6.87%	0.04068	19.62%
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	1	1	0.23450							
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	1	1	0.21650							
031.01	Phosphorus, Photometric (%)	4	4	1.0027	0.03503	0.98523	0.00391	0.00226	0.40%	0.04265	4.01%
031.03	Phosphorus, Autoanalyzer (%)	2	2	0.99250	0.04596						
031.41	Phosphorus, ICP, Dry ash (%)	7	7	0.99586	0.03956	0.99586	0.04486	0.02119	4.50%	0.02089	4.00%
031.42	Phosphorus, ICP, Open vessel (%)	6	5	0.95140	0.13267	0.95140	0.13267	0.07417	13.95%	0.04600	4.03%
031.43	Phosphorus, ICP, Microwave (%)	11	10	1.0357	0.07678	1.0350	0.08565	0.03386	8.28%	0.01984	3.98%
031.44	Phosphorus, ICP, Dry ash (%)	3	3	0.91428	0.11688	0.91428	0.11688	0.06748	12.78%	0.00630	4.05%
031.53	Phosphorus, ICP-MS, Microwave (%)	2	2	0.98450	0.16334						
032.02	Potassium, Flame Emission (%)	2	2	0.76650	0.02333						
032.31	Potassium, AAS, Dry ash (%)	2	2	0.75925	0.02227						
032.41	Potassium, ICP, Dry ash (%)	8	8	0.78522	0.04638	0.78357	0.04881	0.02157	6.23%	0.03176	4.15%
032.42	Potassium, ICP, Open vessel (%)	5	5	0.75324	0.05817	0.75324	0.05817	0.02601	7.72%	0.06748	4.17%
032.43	Potassium, ICP, Microwave (%)	11	10	0.79713	0.05738	0.79529	0.06092	0.02408	7.66%	0.00511	4.14%
032.44	Potassium, ICP, Dry ash (%)	3	3	0.72955	0.03778	0.72955	0.03778	0.02181	5.18%	0.00217	4.19%
032.53	Potassium, ICP-MS, Microwave (%)	2	2	0.80900	0.05162						
032.99	Potassium, Miscellaneous (%)	1	1	0.77000							
033.00	Salt as chloride, Sol Cl (%)	2	2	7.1740	0.30268						
033.01	Salt as chloride, Poten Cl (%)	7	7	6.8553	1.4105	7.3429	0.17628	0.08329	2.40%	0.02229	2.96%
033.99	Salt, Miscellaneous (%)	1	1	6.0650							
034.04	Selenium, AA, Hydride (mg / kg (ppm))	1	1	0.14000							
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2	2	0.41650	0.04738						
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2	2	0.18500	0.02121						
034.99	Selenium, Miscellaneous (mg / kg (ppm))	1	1	0.22500							

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035.05	Sodium, Flame Emission (%)	1	1	3.8850							
035.31	Sodium, AAS, Dry ash (%)	2	2	3.7875	0.08132						
035.41	Sodium, ICP, Dry ash (%)	9	8	3.6020	0.42860	3.7005	0.21123	0.09335	5.71%	0.06418	3.28%
035.42	Sodium, ICP, Open vessel (%)	4	4	3.4175	0.10208	3.3613	0.00884	0.00625	0.26%	0.49000	3.33%
035.43	Sodium, ICP, Microwave (%)	11	10	3.7726	0.26542	3.7726	0.30098	0.11897	7.98%	0.02834	3.28%
035.53	Sodium, ICP-MS, Microwave (%)	1	1	4.5150							
035.99	Sodium, Miscellaneous (%)	1	1	3.3950							
036.04	Sulfur, LECO (%)	1	1	0.21500							
036.42	Sulfur, ICP, Open vessel (%)	6	5	0.20501	0.01320	0.20001	0.00812	0.00454	4.06%	0.00858	5.10%
036.43	Sulfur, ICP, Microwave (%)	6	6	0.20513	0.01130	0.20513	0.01282	0.00654	6.25%	0.00702	5.08%
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	1	1	14.600							
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	8	8	15.373	1.8155	15.373	2.0588	0.90985	13.39%	0.74618	10.60%
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	3	3	15.749	8.0462	11.104	0.06187	0.04375	0.56%	1.6017	11.13%
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	7	7	18.660	7.2664	16.879	3.4348	1.6228	20.35%	0.67087	10.45%
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	1	1	14.000							
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2	2	14.975	3.0052						
037.99	Zinc, Miscellaneous (mg / kg (ppm))	1	1	30.000							
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	2	2	2.2325	2.9239						
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	1	1	0.24660							
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2	2	0.29675	0.01662						
042.99	Chloride, Miscellaneous (%)	1	1	4.5400							
101.02	Choline Chloride, LC (mg / kg (ppm))	1	1	718.00							
102.01	Niacin, Microbiological (mg / kg (ppm))	1	1	6.4100							
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	1	1	7.9650							
104.03	Riboflavin, LC (mg / kg (ppm))	1	1	9.9500							
105.00	Thiamine, LC (mg / kg (ppm))	1	1	1.9500							
105.01	Thiamine, Fluorometer (mg / kg (ppm))	1	1	1.9250							
106.02	Vitamin A, LC (KU / kg)	3	3	1,676.7	2,681.9	1,676.7	2,681.9	1,548.4	159.95%	50.340	
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	1	1	34.700							
108.01	Vitamin D3, LC, AOAC (KU / kg)	1		0.00000							
108.99	Vitamin D3, Miscellaneous (KU / kg)	1		0.00000							
109.02	Vitamin E, LC (IU/kg)	2	2	17.300	3.8891						
113.01	Folic Acid, Micro (mg / kg (ppm))	1	1	0.41550							
120.00	Alanine, Post-col Ninhydrin Der (%)	3	3	0.56250	0.01521	0.56250	0.01521	0.00878	2.70%	0.00600	4.36%
120.01	Alanine, Pre-col OPA Der (%)	1	1	0.56000							
120.02	Alanine, Post-col OPA Der (%)	1	1	0.53000							
121.00	Arginine, Post-col Ninhydrin Der (%)	3	3	0.39303	0.02073	0.39303	0.02073	0.01197	5.27%	0.01240	4.60%
121.01	Arginine, Pre-col OPA Der (%)	1	1	0.44600							

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121.02	Arginine, Post-col OPA Der (%)	1	1	0.40000							
122.00	Aspartic, Post-col Ninhydrin Der (%)	3	3	1.2681	0.04170	1.2681	0.04170	0.02407	3.29%	0.02117	3.86%
122.01	Aspartic, Pre-col OPA Der (%)	1	1	1.3050							
122.02	Aspartic, Post-col OPA Der (%)	1	1	1.1950							
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	3	3	0.15968	0.00895	0.15968	0.00895	0.00517	5.60%	0.00470	5.27%
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	1	1	0.15850							
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	1	1	0.29500							
125.00	Glutamic, Post-col Ninhydrin Der (%)	3	3	3.0446	0.07198	3.0446	0.07198	0.04156	2.36%	0.04437	3.38%
125.01	Glutamic, Pre-col OPA Der (%)	1	1	3.1450							
125.02	Glutamic, Post-col OPA Der (%)	1	1	2.9750							
126.00	Glycine, Post-col Ninhydrin Der (%)	3	3	0.28877	0.00214	0.29000	0.00000	0.00000	0.00%	0.00133	4.82%
126.01	Glycine, Pre-col OPA Der (%)	1	1	0.28700							
126.02	Glycine, Post-col OPA Der (%)	1	1	0.27000							
127.00	Histidine, Post-col Ninhydrin Der (%)	3	3	0.37073	0.01391	0.37073	0.01391	0.00803	3.75%	0.00553	4.64%
127.01	Histidine, Pre-col OPA Der (%)	1	1	0.30350							
127.02	Histidine, Post-col OPA Der (%)	1	1	0.38000							
128.00	Isoleucine, Post-col Ninhydrin Der (%)	3	3	0.83432	0.01604	0.83432	0.01604	0.00926	1.92%	0.01610	4.11%
128.01	Isoleucine, Pre-col OPA Der (%)	1	1	0.89950							
128.02	Isoleucine, Post-col OPA Der (%)	1	1	0.75500							
129.00	Leucine, Post-col Ninhydrin Der (%)	3	3	1.4384	0.01890	1.4384	0.01890	0.01091	1.31%	0.00443	3.79%
129.01	Leucine, Pre-col OPA Der (%)	1	1	1.4900							
129.02	Leucine, Post-col OPA Der (%)	1	1	1.4300							
130.00	L-Lysine, Post-col Ninhydrin Der (%)	3	3	1.2301	0.05691	1.2301	0.05691	0.03286	4.63%	0.01483	3.88%
130.01	L-Lysine, Pre-col OPA Der (%)	1	1	1.1450							
130.02	L-Lysine, Post-col OPA Der (%)	1	1	1.2650							
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	3	3	0.29175	0.02481	0.29175	0.02481	0.01432	8.50%	0.00623	4.81%
131.01	Methionine, PAO Pre-col OPA Der (%)	1	1	0.39100							
131.02	Methionine, PAO Post-col OPA Der (%)	1	1	0.42000							
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	3	3	0.65130	0.01809	0.66000	0.01414	0.01000	2.14%	0.00733	4.26%
132.01	Phenylalanine, Pre-col OPA Der (%)	1	1	0.67200							
132.02	Phenylalanine, Post-col OPA Der (%)	1	1	0.64500							
133.00	Proline, Post-col Ninhydrin Der (%)	3	3	1.3318	0.03317	1.3318	0.03317	0.01915	2.49%	0.02640	3.83%
133.99	Proline, Miscellaneous (%)	2	2	1.4650	0.15556						
134.00	Serine, Post-col Ninhydrin Der (%)	2	2	0.83408	0.02698						
134.01	Serine, Pre-col OPA Der (%)	1	1	0.80150							
134.02	Serine, Post-col OPA Der (%)	1	1	0.81000							
135.00	Threonine, Post-col Ninhydrin Der (%)	2	2	0.80213	0.01008						
135.01	Threonine, Pre-col OPA Der (%)	1	1	0.77850							

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135.02	Threonine, Post-col OPA Der (%)	1	1	0.73000							
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	2	2	0.20415	0.05070						
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	1	1	0.17000							
136.99	Tryptophan, Miscellaneous (%)	2	2	0.22125	0.01237						
137.00	Tyrosine, Post-col Ninhydrin Der (%)	3	3	0.51392	0.10592	0.51392	0.10592	0.06115	20.61%	0.01603	4.42%
137.01	Tyrosine, Pre-col OPA Der (%)	1	1	0.63850							
137.02	Tyrosine, Post-col OPA Der (%)	1	1	0.54000							
138.00	Valine, Post-col Ninhydrin Der (%)	3	3	0.94807	0.01653	0.94460	0.02178	0.01540	2.31%	0.00373	4.03%
138.01	Valine, Pre-col OPA Der (%)	1	1	0.94150							
138.02	Valine, Post-col OPA Der (%)	1	1	0.76000							
139.00	Taurine, Post-col Ninhydrin Der (%)	2	2	0.05570	0.05558						
160.99	Fructose, Miscellaneous (%)	1		0.00000							
161.99	Galactose, Miscellaneous (%)	1	1	0.30000							
162.99	Glucose, Miscellaneous (%)	2	2	0.20000	0.14142						
163.99	Lactose, Miscellaneous (%)	4	4	29.724	1.9210	28.648	0.21567	0.15250	0.75%	0.66580	1.87%
164.99	Maltose, Miscellaneous (%)	1	1	0.20000							
165.99	Sucrose, Miscellaneous (%)	1		0.00000							
400.01	Water activity, Aqualab chilled mirror (Units)	1	1	0.19770							
400.99	Water activity, Miscellaneous (Units)	1	1	0.24250							
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	1		0.10500							
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	1	1	0.30000							
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	1		0.00500							
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	1	1	13.450							
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	1	1	0.05000							
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	1	1	0.90000							
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	1	1	0.01400							
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	1	1	7.7500							
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2	2	0.05505	0.01407						
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	1	1	0.21500							
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	1	1	0.75000							
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	1	1	3.1100							
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	1	1	0.13000							
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	1	1	1.4450							
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	1	1	2.2200							
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	1	1	0.33500							
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	1	1	0.04375							
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	1		0.00000							
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	1		0.00000							

Test Material Code # 201643

Issue Date : 10/31/2016

Method Code	Analyte and Method	Total # Labs Submitting	# Labs 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
758.02	Total Saturated Fatty Acids, Direct Methylation by	1	1	10.295							
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w	3	3	10.250	1.1615	10.250	1.1615	0.67057	11.33%	0.24000	
762.02	Total Monounsaturated Fatty Acids, Direct Methylation	1	1	8.6200							
762.99	Total Monounsaturated Fatty Acids, Miscellaneous	2	2	12.413	0.05303						
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous	1	1	8.8400							
766.02	Total Polyunsaturated Fatty Acids, Direct Methylation	1	1	0.81500							
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous	2	2	1.0750	0.40305						
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous	1	1	0.69500							
772.99	Total Fatty Acids, Miscellaneous (% (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.



Pet Food Scheme
Cheese Powder
Test Material Code # 201643

Method Precision Report

Methods Reported: 14
Labs Reporting: 53
Issue Date : 10/31/2016

Method Code	Analyte and Method	Total # Labs Submitting	# Labs used in Precision Calcs	Precision Mean	Precision SD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	9	8	3.9658	0.20019	0.19350	0.07257	0.20666	4.88%	1.830%	5.21%	2.8477
002.06	Protein, Combustion Nitrogen Analyzer (%)	37	35	15.037	0.23568	0.23012	0.07201	0.24112	1.53%	0.479%	1.60%	3.3485
005.00	Ash, 2h @ 600°C (%)	32	28	12.493	0.07685	0.06442	0.05926	0.08753	0.52%	0.474%	0.70%	1.4771
011.01	Loss on Drying, 135°C 2hr (%)	21	16	8.7963	0.62782	0.61988	0.14072	0.63565	7.05%	1.600%	7.23%	4.5173
013.00	Fat, Acid hydrolysis (%)	11	10	27.080	0.82733	0.76264	0.45357	0.88732	2.82%	1.675%	3.28%	1.9563
013.02	Fat, Mojonnier, Bak Ext (%)	15	13	27.419	0.62556	0.61490	0.16258	0.63603	2.24%	0.593%	2.32%	3.9121
019.41	Calcium, ICP, Dry ash (%)	8	8	0.42519	0.01807	0.01643	0.01064	0.01957	3.86%	2.502%	4.60%	1.8404
019.43	Calcium, ICP, Microwave (%)	12	11	0.44104	0.01492	0.01366	0.00849	0.01608	3.10%	1.926%	3.65%	1.8935
027.43	Magnesium, ICP, Microwave (%)	10	8	0.05039	0.00100		0.00231			4.576%		
031.43	Phosphorus, ICP, Microwave (%)	11	10	1.0357	0.07678	0.07585	0.01683	0.07769	7.32%	1.625%	7.50%	4.6175
032.41	Potassium, ICP, Dry ash (%)	8	8	0.78522	0.04638	0.04215	0.02734	0.05025	5.37%	3.482%	6.40%	1.8376
032.43	Potassium, ICP, Microwave (%)	11	9	0.79792	0.06080	0.06074	0.00379	0.06086	7.61%	0.475%	7.63%	16.067
035.43	Sodium, ICP, Microwave (%)	11	9	3.8140	0.24488	0.24458	0.01707	0.24518	6.41%	0.448%	6.43%	14.362
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	8	8	15.373	1.8155	1.7446	0.71057	1.8837	11.35%	4.622%	12.25%	2.6510

Notes: Precision Calculations provided for methods with 8 or more labs used in calculations.