

Animal Feed Scheme
Cat Food, Dry
Sample # 201627
Analyte Summary Report
Analytes Reported: 105
Labs Reporting: 212
Issue Date : 08/31/2016

Analyte Group 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
000	Urea (%)	1	1	0.20000							
001	Loss on Drying (%)	77	75	5.7584	0.46253	5.7903	0.32946	0.04755	5.69%	0.09283	3.07%
002	Protein (%)	215	214	33.280	2.1107	33.496	0.45819	0.03915	1.37%	0.18320	1.73%
003	Fat (%)	145	141	12.741	0.77471	12.569	0.26446	0.02784	2.10%	0.13897	2.73%
004	Fiber (%)	121	117	5.4911	1.3112	5.3823	1.0063	0.11629	18.70%	0.21821	3.10%
005	Ash (%)	147	142	9.8987	0.20599	9.8974	0.13132	0.01378	1.33%	0.07424	2.83%
006	Total sugars (%)	10	7	0.67321	0.43582	0.59640	0.29727	0.14045	49.84%	0.02957	4.32%
008	Fiber (%)	62	60	7.8099	1.7934	7.7489	1.7854	0.28812	23.04%	0.40985	2.94%
009	Fiber (%)	43	42	18.171	3.9189	17.944	3.8828	0.74891	21.64%	0.56919	2.36%
010	Moisture (%)	33	32	5.8255	0.49288	5.8396	0.43853	0.09690	7.51%	0.09121	3.07%
011	Loss on Drying (%)	88	85	6.2871	0.53449	6.3166	0.38648	0.05240	6.12%	0.10602	3.03%
012	Starch (%)	34	33	23.105	2.4940	22.799	1.4138	0.30765	6.20%	0.45416	2.09%
013	Fat (%)	81	79	14.965	0.79942	15.061	0.58648	0.08248	3.89%	0.15308	2.58%
014	Fiber, total dietary TDF (%)	1	1	12.100							
015	Aluminum (mg / kg (ppm))	11	11	166.23	25.859	165.96	28.751	10.836	17.32%	6.1083	7.41%
017	Boron (mg / kg (ppm))	13	12	5.4776	0.98232	5.4307	1.0043	0.36241	18.49%	0.31278	12.40%
019	Calcium (%)	136	131	2.4058	0.26131	2.4259	0.11073	0.01209	4.56%	0.04882	3.50%
021	Cobalt (mg / kg (ppm))	16	16	1.6140	0.47774	1.6140	0.54176	0.16930	33.57%	0.11618	14.88%
022	Copper (mg / kg (ppm))	89	88	21.500	3.3981	21.453	2.1147	0.28178	9.86%	0.83769	10.08%
024	Iodine (mg / kg (ppm))	2	2	2.5288	0.08662						
025	Iron (mg / kg (ppm))	89	88	171.50	22.271	171.17	13.903	1.8526	8.12%	6.5330	7.38%
027	Magnesium (%)	97	94	0.11583	0.00913	0.11548	0.00754	0.00097	6.53%	0.00362	5.54%
028	Manganese (mg / kg (ppm))	92	90	23.052	4.5329	23.060	1.9238	0.25348	8.34%	0.92507	9.98%
031	Phosphorus (%)	133	130	1.4790	0.12045	1.4826	0.07869	0.00863	5.31%	0.02896	3.77%
032	Potassium (%)	100	98	0.78255	0.06922	0.78370	0.04832	0.00610	6.17%	0.01657	4.15%
033	Salt as chloride (%)	52	51	0.82200	0.12337	0.82295	0.06498	0.01137	7.90%	0.01283	4.12%
034	Selenium (mg / kg (ppm))	25	24	0.74530	0.52581	0.63785	0.13567	0.03462	21.27%	0.02851	17.12%
035	Sodium (%)	103	102	0.53652	0.46945	0.49517	0.03797	0.00470	7.67%	0.01141	4.45%
036	Sulfur (%)	36	35	0.67570	0.05306	0.67309	0.05045	0.01066	7.50%	0.01782	4.25%
037	Zinc (mg / kg (ppm))	107	101	170.53	14.192	170.70	12.808	1.5931	7.50%	4.0048	7.38%

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038	Molybdenum (mg / kg (ppm))	16	16	0.70903	0.10672	0.70222	0.09909	0.03097	14.11%	0.05477	16.87%
040	Barium (mg / kg (ppm))	3	3	4.4496	0.19753	4.4496	0.19753	0.11405	4.44%	0.12057	12.78%
041	Vanadium (mg / kg (ppm))	2	2	0.61550	0.48013						
042	Chloride (%)	5	5	0.49490	0.02567	0.49988	0.02672	0.01195	5.34%	0.01140	4.44%
101	Choline Chloride (mg / kg (ppm))	2	2	2,095.0	947.52						
102	Niacin (mg / kg (ppm))	5	5	194.48	108.61	194.48	108.61	48.574	55.85%	12.414	7.24%
103	Pantothenic Acid (mg / kg (ppm))	7	7	24.420	9.9309	24.488	11.109	5.2485	45.37%	1.1753	9.89%
104	Riboflavin (mg / kg (ppm))	7	7	17.861	4.4255	17.861	5.0185	2.3710	28.10%	1.1143	10.37%
105	Thiamine (mg / kg (ppm))	9	9	37.150	5.9047	37.150	6.6960	2.7900	18.02%	2.0014	9.28%
106	Vitamin A (KU / kg)	22	21	15.670	9.3007	14.251	5.1977	1.4178	36.47%	1.3473	
107	Vitamin B12 (µg / kg (ppb))	4	4	90.700	22.831	90.700	22.831	11.416	25.17%	7.7000	22.00%
108	Vitamin D3 (KU / kg)	9	8	5.2394	5.0039	5.0543	5.2500	2.3202	103.87%	2.7563	
109	Vitamin E (IU/kg)	26	26	175.07	67.116	169.59	36.549	8.9598	21.55%	8.4371	
112	Pyridoxine (µg / g)	7	7	15.684	5.0055	16.686	3.0622	1.4467	18.35%	0.92286	
113	Folic Acid (mg / kg (ppm))	5	5	3.1575	0.85292	3.1575	0.85292	0.38144	27.01%	0.17844	13.45%
114	Biotin (mg / kg (ppm))	5	5	0.61662	0.07118	0.60303	0.07432	0.03324	12.32%	0.05824	17.26%
118	Peroxide value (meq/kg)	1	1	11.970							
120	Alanine (%)	26	25	2.0862	0.07391	2.0843	0.06463	0.01616	3.10%	0.02121	3.58%
121	Arginine (%)	26	25	2.1723	0.13514	2.1622	0.12080	0.03020	5.59%	0.02306	3.56%
122	Aspartic (%)	26	25	2.7399	0.26696	2.7269	0.10823	0.02706	3.97%	0.02611	3.44%
124	Cysteine/Cystine (%)	26	26	0.34608	0.05828	0.35580	0.03314	0.00812	9.31%	0.00984	4.67%
125	Glutamic (%)	26	26	4.6267	0.18630	4.6086	0.12787	0.03135	2.77%	0.03969	3.18%
126	Glycine (%)	26	25	2.9626	0.12841	2.9515	0.09684	0.02421	3.28%	0.02633	3.40%
127	Histidine (%)	26	24	0.71176	0.06596	0.71237	0.06726	0.01716	9.44%	0.01533	4.21%
128	Isoleucine (%)	26	25	1.2358	0.09039	1.2456	0.07722	0.01931	6.20%	0.02322	3.87%
129	Leucine (%)	26	25	2.2645	0.07631	2.2756	0.05854	0.01464	2.57%	0.02754	3.53%
130	L-Lysine (%)	28	28	1.9443	0.28405	1.9884	0.11166	0.02638	5.62%	0.02444	3.61%
131	Methionine (%)	26	25	0.64622	0.05335	0.64400	0.04063	0.01016	6.31%	0.01744	4.27%
132	Phenylalanine (%)	26	26	1.3201	0.05030	1.3244	0.04687	0.01149	3.54%	0.02326	3.83%
133	Proline (%)	25	25	2.2013	0.16820	2.1840	0.13078	0.03270	5.99%	0.04462	3.56%
134	Serine (%)	26	26	1.3018	0.07604	1.2971	0.05765	0.01413	4.44%	0.02756	3.85%
135	Threonine (%)	26	25	1.2473	0.04638	1.2489	0.04888	0.01222	3.91%	0.01702	3.87%
136	Tryptophan (%)	18	18	0.30974	0.03973	0.30995	0.03767	0.01110	12.15%	0.00787	4.77%
137	Tyrosine (%)	22	21	0.95320	0.11463	0.96168	0.09895	0.02699	10.29%	0.01746	4.02%
138	Valine (%)	26	26	1.4886	0.14614	1.5042	0.12400	0.03040	8.24%	0.02352	3.76%
139	Taurine (%)	14	14	0.18471	0.05479	0.18112	0.05417	0.01810	29.91%	0.00820	5.17%
160	Fructose (%)	5	2	0.06288	0.01644					0.00395	
161	Galactose (%)	3	1								

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162	Glucose (%)	5	2	0.04615	0.01747					0.00100	
163	Lactose (%)	5									
164	Maltose (%)	4	1								
165	Sucrose (%)	7	6	0.46767	0.03629	0.46767	0.04115	0.02100	8.80%	0.00683	4.48%
166	Raffinose (%)	1	1	0.12100							
167	Stachyose (%)	1	1	0.11950							
400	Water activity (Units)	9	9	0.42068	0.03160	0.41684	0.02606	0.01086	6.25%	0.00788	
516	Arsenic, total (mg / kg (ppm))	9	8	0.11418	0.03717	0.11200	0.03704	0.01637	33.07%	0.01046	22.00%
518	Cadmium (mg / kg (ppm))	9	9	0.04386	0.01448	0.04324	0.00926	0.00386	21.42%	0.00731	22.00%
520	Chromium (mg / kg (ppm))	9	8	2.5232	0.99905	2.5787	1.0032	0.44336	38.90%	0.20273	13.87%
526	Lead (mg / kg (ppm))	8	7	0.26899	0.01956	0.26899	0.02218	0.01048	8.25%	0.02106	19.49%
539	Nickel (mg / kg (ppm))	6	6	1.7307	0.37799	1.7307	0.42864	0.21874	24.77%	0.14305	14.73%
702	Butyric Acid (4:0) (%)	1	1	0.04100							
704	Caproic Acid (6:0) (%)	1	1	0.03200							
706	Caprylic acid (8:0) (%) (w/w)	1	1	0.02000							
708	Capric acid (10:0) (%) (w/w)	1	1	0.02050							
710	Lauric Acid (12:0) (%) (w/w)	3	3	0.02183	0.01358	0.02183	0.01358	0.00784	62.18%	0.00167	
714	Myristic Acid (14:0) (%) (w/w)	2	2	0.08875	0.00884						
716	Palmitic Acid (16:0) (%) (w/w)	2	2	3.1570	0.12304						
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	3	3	0.66467	0.05318	0.66467	0.05318	0.03071	8.00%	0.01267	
720	Margaric acid (17:0) (%) (w/w)	1	1	0.02200							
722	Stearic Acid (18:0) (%) (w/w)	2	2	0.73925	0.20471						
724	Oleic Acid (9c-18:1) (%) (w/w)	2	2	4.6985	0.49285						
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	3	3	3.1138	0.32875	3.1138	0.32875	0.18980	10.56%	0.03300	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	4	4	0.40325	0.11241	0.40325	0.11241	0.05620	27.88%	0.00500	
730	Arachidic Acid (20:0) (%) (w/w)	2	2	0.05350	0.04667						
732	Gondoic Acid (11c-20:1) (%) (w/w)	1	1	0.08450							
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%) (w/w)	3	2	0.10775	0.05056					0.00550	
738	Mead Acid (11c,14c,17c-20:3) (%) (w/w)	1	1	0.08900							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%) (w/w)	3	2	0.01175	0.00106					0.00050	
744	Erucic Acid (13c-22:1) (%) (w/w)	1		0.00000							
746	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c-22:5) (%) (w/w)	3	2	0.00925	0.00035					0.00150	
748	Lignoceric Acid (24:0) (%) (w/w)	1	1	0.01000							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6) (%) (w/w)	3	2	0.01800	0.00141					0.00000	
752	Nervonic Acid (24:1) isomers (%) (w/w)	1		0.00000							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	8	7	0.43443	0.06425	0.43443	0.07286	0.03442	16.77%	0.00286	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	7	7	6.2249	7.8291	3.4040	0.54335	0.25671	15.96%	0.08943	

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.

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