



**Animal Feed Scheme**  
**Dry Cat Feed**  
**Test Material Code # 202023**

**Analyte Summary Report**

**# Labs Reporting: 190**  
**# Analytes Reported: 111**  
**Issue Date : 04/30/2020**

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
000	Urea (%)	1	1	0.2000							
001	Loss on Drying (%)	80	79	7.436	0.3671	7.473	0.2384	0.0335	3.19%	0.1028	2.96%
002	Protein, Crude (%)	192	187	31.93	0.4909	31.94	0.3827	0.0350	1.20%	0.1856	1.77%
003	Fat, Crude (%)	122	119	7.763	0.7526	7.592	0.2064	0.0237	2.72%	0.1113	2.95%
004	Fiber, Crude (%)	113	109	4.678	0.8446	4.657	0.6849	0.0820	14.71%	0.2001	3.17%
005	Ash (%)	130	127	6.904	0.3138	6.885	0.1167	0.0129	1.70%	0.0710	2.99%
006	Total Sugars (%)	4	4	2.612	1.057	2.612	1.057	0.5284	40.45%	0.2175	3.46%
008	Fiber, Acid Detergent (%)	53	52	6.820	1.449	6.797	1.215	0.2105	17.87%	0.3207	3.00%
009	Fiber, Neutral Detergent (%)	52	51	14.44	2.273	14.28	2.077	0.3635	14.55%	0.4453	2.65%
010	Moisture (%)	22	22	7.583	0.5567	7.600	0.3882	0.1035	5.11%	0.0948	2.95%
011	Loss on Drying (%)	72	70	8.043	0.3520	8.086	0.2573	0.0384	3.18%	0.0871	2.92%
012	Starch (%)	37	36	27.34	3.921	27.16	1.609	0.3351	5.92%	0.4808	1.92%
013	Fat, Acid Pretreat (%)	79	78	10.77	0.7624	10.79	0.5113	0.0724	4.74%	0.1675	2.80%
015	Aluminum (ppm)	16	15	43.57	11.75	44.66	10.51	3.391	23.52%	1.786	9.03%
017	Boron (ppm)	18	16	10.03	1.478	9.778	1.031	0.3222	10.54%	0.5357	11.35%
019	Calcium (%)	127	126	1.241	0.0928	1.237	0.0820	0.0091	6.63%	0.0350	3.87%
021	Cobalt (ppm)	18	14	0.3377	0.1568	0.3263	0.1492	0.0498	45.72%	0.0613	18.93%
022	Copper (ppm)	92	91	14.05	1.808	14.02	1.437	0.1884	10.25%	0.7375	10.75%
025	Iron (ppm)	87	85	195.2	23.05	193.8	18.44	2.500	9.51%	9.169	7.24%
027	Magnesium (%)	84	82	0.1300	0.0140	0.1296	0.0079	0.0011	6.11%	0.0045	5.44%
028	Manganese (ppm)	91	89	51.56	5.811	51.60	3.563	0.4720	6.90%	1.538	8.84%
031	Phosphorus (%)	124	122	1.092	0.0689	1.087	0.0533	0.0060	4.90%	0.0314	3.95%
032	Potassium (%)	83	81	0.7541	0.0482	0.7567	0.0440	0.0061	5.81%	0.0186	4.17%
033	Salt as chloride (%)	47	46	1.163	0.1669	1.153	0.0835	0.0154	7.24%	0.0205	3.91%
034	Selenium (ppm)	28	25	0.8026	0.4987	0.6850	0.2648	0.0662	38.67%	0.0469	16.93%
035	Sodium (%)	99	95	0.5813	0.0449	0.5808	0.0351	0.0045	6.04%	0.0171	4.34%
036	Sulfur (%)	41	39	0.3914	0.0233	0.3903	0.0228	0.0046	5.83%	0.0120	4.61%
037	Zinc (ppm)	93	90	175.6	25.39	172.8	14.90	1.963	8.62%	4.779	7.37%
038	Molybdenum (ppm)	21	19	1.001	0.2046	0.9898	0.2073	0.0595	20.95%	0.0575	16.02%

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040	Barium (ppm)	2	2	6.151	0.1515						
041	Vanadium (ppm)	1	1	0.1995							
042	Chloride (%)	3	3	0.7478	0.0322	0.7478	0.0322	0.0186	4.30%	0.0170	4.18%
101	Choline Chloride (ppm)	1	1	3,980							
102	Niacin (ppm)	2	2	138.4	6.863						
103	Pantothenic Acid (ppm)	2	2	66.53	40.13						
104	Riboflavin (ppm)	3	3	17.52	3.348	17.52	3.348	1.933	19.11%	0.8567	10.40%
105	Thiamine (ppm)	3	3	212.3	22.23	212.3	22.23	12.84	10.47%	12.29	7.14%
106	Vitamin A (KU / kg)	23	22	13.20	2.842	13.05	2.790	0.7434	21.38%	0.8493	
107	Vitamin B12 (ppb)	1	1	141.0							
108	Vitamin D3 (KU / kg)	10	10	2.286	1.611	1.988	0.7810	0.3087	39.28%	0.3170	
109	Vitamin E (IU / kg)	17	17	321.6	84.86	317.4	68.56	20.79	21.60%	25.40	
111	Vitamin C, Phosphorylated (ppm)	6	3	36.50	22.50	36.50	22.50	16.24	61.65%	0.2000	9.31%
112	Pyridoxine (µg / g)	2	2	15.39	3.444						
113	Folic Acid (ppm)	1	1	4.390							
114	Biotin (ppm)	1	1	0.3600							
118	Peroxide value (meq/kg)	1	1	2.680							
120	Alanine (%)	30	30	1.957	0.1262	1.975	0.0854	0.0195	4.33%	0.0367	3.61%
121	Arginine (%)	30	29	1.812	0.1390	1.817	0.0899	0.0209	4.95%	0.0244	3.66%
122	Aspartic (%)	30	30	2.588	0.1297	2.593	0.1045	0.0238	4.03%	0.0465	3.47%
124	Cysteine/Cystine (%)	30	29	0.4555	0.0589	0.4496	0.0332	0.0077	7.38%	0.0085	4.51%
125	Glutamic (%)	29	29	5.320	0.2814	5.305	0.2301	0.0534	4.34%	0.0872	3.11%
126	Glycine (%)	30	29	1.955	0.1217	1.945	0.0842	0.0195	4.33%	0.0384	3.62%
127	Histidine (%)	30	30	0.6971	0.0594	0.6921	0.0530	0.0121	7.66%	0.0116	4.23%
128	Isoleucine (%)	30	29	1.219	0.0973	1.236	0.0594	0.0138	4.81%	0.0258	3.87%
129	Leucine (%)	30	30	2.915	0.1699	2.899	0.1170	0.0267	4.04%	0.0523	3.41%
130	L-Lysine (%)	33	32	1.510	0.1484	1.495	0.0832	0.0184	5.56%	0.0273	3.76%
131	Methionine (%)	32	31	0.5825	0.0833	0.5753	0.0368	0.0083	6.40%	0.0109	4.35%
132	Phenylalanine (%)	30	29	1.485	0.1144	1.468	0.0796	0.0185	5.42%	0.0279	3.78%
133	Proline (%)	29	29	2.126	0.2308	2.153	0.0810	0.0188	3.76%	0.0624	3.56%
134	Serine (%)	30	30	1.438	0.1107	1.442	0.0873	0.0199	6.06%	0.0378	3.79%
135	Threonine (%)	30	30	1.156	0.0539	1.155	0.0424	0.0097	3.67%	0.0215	3.91%
136	Tryptophan (%)	21	21	0.3247	0.0728	0.3175	0.0388	0.0106	12.22%	0.0073	4.75%
137	Tyrosine (%)	24	23	1.080	0.1393	1.100	0.0916	0.0239	8.32%	0.0349	3.94%
138	Valine (%)	30	29	1.378	0.1422	1.397	0.1125	0.0261	8.05%	0.0316	3.80%
139	Taurine (%)	13	13	0.1724	0.0574	0.1644	0.0421	0.0146	25.61%	0.0046	5.25%
160	Fructose (%)	4	3	0.1352	0.0128	0.1352	0.0128	0.0074	9.43%	0.0084	5.41%
161	Galactose (%)	1		0.0000							
162	Glucose (%)	4	3	0.1813	0.0479	0.1813	0.0479	0.0276	26.40%	0.0033	5.17%
163	Lactose (%)	4									

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164	Maltose (%)	3	2	0.2665	0.0474	0.2665	0.0474	0.0335	17.78%	0.0120	4.88%
165	Sucrose (%)	4	4	1.227	0.0072	1.227	0.0072	0.0036	0.59%	0.0325	3.88%
166	Raffinose (%)	3	3	0.2142	0.0073	0.2142	0.0073	0.0042	3.40%	0.0130	5.04%
167	Stachyose (%)	3	3	0.7817	0.0435	0.7817	0.0435	0.0251	5.56%	0.0287	4.15%
400	Water Activity (Units)	13	12	0.4804	0.0422	0.4711	0.0168	0.0061	3.57%	0.0051	
516	Arsenic, Total (ppm)	9	6	0.2574	0.4788	0.0736	0.0383	0.0196	52.05%	0.0071	22.00%
518	Cadmium (ppm)	13	8	0.0345	0.0060	0.0342	0.0036	0.0016	10.60%	0.0028	22.00%
520	Chromium (ppm)	10	10	0.7986	0.3331	0.7986	0.3777	0.1493	47.30%	0.0975	16.55%
526	Lead (ppm)	9	7	0.1820	0.0367	0.1851	0.0333	0.0157	17.99%	0.0081	20.62%
529	Mercury (ppb)	4	2	2,610	3,688	2,610	3,688	2,608	141.33%	1,358	13.85%
539	Nickel (ppm)	6	6	1.806	0.5968	1.885	0.4822	0.2461	25.57%	0.1020	14.54%
702	Butyric Acid (4:0) (%)	1		0.0000							
704	Caproic Acid (6:0) (%)	1		0.0000							
706	Caprylic acid (8:0) (% (w/w))	1		0.0000							
708	Capric acid (10:0) (% (w/w))	1	1	0.0160							
710	Lauric Acid (12:0) (% (w/w))	4	2	0.0145	0.0099	0.0145	0.0099	0.0070	68.28%	0.0010	7.56%
714	Myristic Acid (14:0) (% (w/w))	5	4	0.1484	0.0233	0.1484	0.0233	0.0117	15.73%	0.0008	5.33%
716	Palmitic Acid (16:0) (% (w/w))	5	4	2.005	0.2280	2.005	0.2280	0.1140	11.37%	0.0100	3.60%
718	Palmitoleic Acid (9c-16:1) (% (w/w))	4	4	0.2671	0.0343	0.2671	0.0343	0.0171	12.82%	0.0118	4.88%
720	Margaric acid (17:0) (% (w/w))	1	1	0.0729							
722	Stearic Acid (18:0) (% (w/w))	5	5	1.149	0.0693	1.149	0.0693	0.0310	6.03%	0.0100	3.92%
724	Oleic Acid (9c-18:1) (% (w/w))	5	5	3.220	0.6341	3.220	0.6341	0.2836	19.69%	0.0462	3.35%
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	6	6	1.466	0.2629	1.499	0.2180	0.1113	14.55%	0.0405	3.76%
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	5	5	0.0773	0.0185	0.0773	0.0185	0.0083	23.94%	0.0044	5.88%
730	Arachidic Acid (20:0) (% (w/w))	4	2	0.0228	0.0067	0.0228	0.0067	0.0048	29.54%	0.0015	7.07%
732	Gondoic Acid (11c-20:1) (% (w/w))	4	4	0.0286	0.0052	0.0286	0.0052	0.0026	17.99%	0.0087	6.83%
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (% (w/w))	1	1	0.0415							
738	Mead Acid (11c,14c,17c-20:3) (% (w/w))	1		0.0000							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	3									
742	Behenic Acid (22:0) (% (w/w))	2	1	0.0105							
744	Erucic Acid (13c-22:1) (% (w/w))	3	1								
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%)	2	1	0.0050							
748	Lignoceric Acid (24:0) (% (w/w))	1	1	0.0105							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%)	4									
752	Nervonic Acid (24:1) isomers (% (w/w))	2		0.0000							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	3	3	0.0913	0.0234	0.0913	0.0234	0.0135	25.67%	0.0041	5.73%
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	4	4	1.505	0.3144	1.505	0.3144	0.1572	20.89%	0.0258	3.76%
758	Total Saturated Fatty Acids (% (w/w))	3	3	3.516	0.2211	3.516	0.2211	0.1276	6.29%	0.0170	3.31%
762	Total Monounsaturated Fatty Acids (% (w/w))	3	3	3.542	0.1674	3.542	0.1674	0.0966	4.73%	0.0347	3.31%
766	Total Polyunsaturated Fatty Acids (% (w/w))	3	3	1.702	0.1927	1.702	0.1927	0.1113	11.33%	0.0198	3.69%

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770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	10.16							
772	Total Fatty Acids (% (w/w))	5	5	8.573	1.106	8.573	1.106	0.4945	12.90%	0.1064	2.89%

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.