

Animal Feed Scheme
Analyte Summary Report
Analytes Reported: 116
Poultry Feed
Labs Reporting: 203
Test Material Code # 201824
Issue Date : 05/31/2018

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)	Horwitz %RSD
000	Urea (%)	1	1	0.55000							
001	Loss on Drying (%)	85	84	9.2486	0.70357	9.3622	0.35627	0.04859	3.81%	0.09309	2.86%
002	Protein, Crude (%)	204	199	18.433	0.50456	18.401	0.25685	0.02276	1.40%	0.12909	2.33%
003	Fat, Crude (%)	157	153	2.3678	0.39192	2.3710	0.24069	0.02432	10.15%	0.08998	3.51%
004	Fiber, Crude (%)	134	133	3.0120	0.86049	2.8855	0.36051	0.03908	12.49%	0.14954	3.41%
005	Ash (%)	156	150	6.4798	0.35761	6.4997	0.20388	0.02081	3.14%	0.07522	3.02%
006	Total Sugars (%)	6	6	11.044	2.3999	11.044	2.7215	1.3888	24.64%	0.29150	2.79%
008	Fiber, Acid Detergent (%)	63	62	4.3033	0.77048	4.2608	0.56916	0.09035	13.36%	0.19639	3.22%
009	Fiber, Neutral Detergent (%)	62	60	10.348	1.2140	10.263	1.0113	0.16320	9.85%	0.24674	2.82%
010	Moisture (%)	27	26	9.6236	0.69478	9.6461	0.63139	0.15478	6.55%	0.08373	2.84%
011	Loss on Drying (%)	77	76	10.212	0.43199	10.269	0.29644	0.04250	2.89%	0.11546	2.82%
012	Starch (%)	45	43	35.057	3.3305	34.901	2.2894	0.43642	6.56%	0.39739	1.69%
013	Fat, Acid Pretreat (%)	50	49	3.4681	0.82940	3.4595	0.60000	0.10714	17.34%	0.14375	3.32%
015	Aluminum (mg / kg (ppm))	13	12	75.021	12.489	76.821	9.9850	3.6030	13.00%	1.8513	8.32%
017	Boron (mg / kg (ppm))	15	14	9.9223	2.7753	10.344	0.94500	0.31570	9.14%	0.27793	11.25%
019	Calcium (%)	152	149	1.1285	0.08218	1.1266	0.06289	0.00644	5.58%	0.02492	3.93%
021	Cobalt (mg / kg (ppm))	17	16	0.50735	0.16336	0.51304	0.16498	0.05156	32.16%	0.05239	17.69%
022	Copper (mg / kg (ppm))	91	86	17.381	4.8386	16.880	2.1448	0.28911	12.71%	0.90128	10.45%
023	Fluorine (mg / kg (ppm))	1	1	21.750							
025	Iron (mg / kg (ppm))	90	88	340.89	47.694	343.41	31.303	4.1711	9.12%	10.106	6.64%
027	Magnesium (%)	106	105	0.20071	0.01231	0.20045	0.01193	0.00145	5.95%	0.00570	5.09%
028	Manganese (mg / kg (ppm))	94	93	85.431	12.146	86.716	7.4852	0.97023	8.63%	3.4677	8.17%
031	Phosphorus (%)	148	146	0.68584	0.03713	0.68661	0.03111	0.00322	4.53%	0.01437	4.23%
032	Potassium (%)	104	103	0.97460	0.07697	0.97405	0.05696	0.00702	5.85%	0.02215	4.02%
033	Salt as chloride (%)	76	75	0.76672	0.11290	0.76706	0.05714	0.00825	7.45%	0.01372	4.16%
034	Selenium (mg / kg (ppm))	24	23	3.8600	0.64496	3.8269	0.62356	0.16253	16.29%	0.21947	13.07%
035	Sodium (%)	102	99	0.28729	0.02866	0.28575	0.02253	0.00283	7.89%	0.00875	4.83%
036	Sulfur (%)	35	34	0.31432	0.02735	0.31211	0.02407	0.00516	7.71%	0.00682	4.77%
037	Zinc (mg / kg (ppm))	105	104	183.88	19.748	183.19	15.081	1.8485	8.23%	6.7042	7.30%
038	Molybdenum (mg / kg (ppm))	17	17	1.3703	0.34698	1.3552	0.27009	0.08188	19.93%	0.13484	15.28%
040	Barium (mg / kg (ppm))	2	2	5.4353	0.03500						
041	Vanadium (mg / kg (ppm))	1	1	1.1300							

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042	Chloride (%)	4	3	0.49667	0.05107	0.49667	0.05107	0.03686	10.28%	0.00333	4.44%
101	Choline Chloride (mg / kg (ppm))	1	1	1,770.0							
102	Niacin (mg / kg (ppm))	2	2	68.475	3.8537						
103	Pantothenic Acid (mg / kg (ppm))	2	2	13.600	1.6263						
104	Riboflavin (mg / kg (ppm))	5	4	8.0788	1.7106	8.0788	1.7106	1.0691	21.17%	0.44750	11.68%
105	Thiamine (mg / kg (ppm))	4	4	2.7363	0.95944	2.7363	0.95944	0.59965	35.06%	0.25750	13.75%
106	Vitamin A (KU / kg)	24	23	31.743	6.3697	31.662	4.5147	1.1767	14.26%	1.9174	
107	Vitamin B12 (µg / kg (ppb))	1	1	18.800							
108	Vitamin D3 (KU / kg)	8	8	4.7006	0.93600	4.7167	1.0253	0.45311	21.74%	0.32375	
109	Vitamin E (IU / kg)	19	18	76.653	71.858	60.472	16.124	4.7505	26.66%	2.5579	
111	Vitamin C, Phosphorylated (mg / kg (ppm))	6	6	228.07	117.15	229.90	128.59	65.620	55.93%	6.1467	7.06%
112	Pyridoxine (µg / g)	1	1	5.7700							
113	Folic Acid (mg / kg (ppm))	2	2	1.1950	0.79196						
114	Biotin (mg / kg (ppm))	1	1	0.24450							
115	Non Protein N (NPN) (%)	1	1	0.77500							
120	Alanine (%)	33	32	0.93890	0.07861	0.92822	0.03646	0.00806	3.93%	0.01375	4.04%
121	Arginine (%)	32	31	1.1262	0.07080	1.1270	0.04416	0.00991	3.92%	0.02695	3.93%
122	Aspartic (%)	33	32	1.6761	0.15102	1.7005	0.09056	0.02001	5.33%	0.02824	3.69%
124	Cysteine/Cystine (%)	33	31	0.31020	0.03893	0.30895	0.03168	0.00711	10.25%	0.00754	4.77%
125	Glutamic (%)	33	32	3.2043	0.17800	3.2078	0.13303	0.02940	4.15%	0.03791	3.36%
126	Glycine (%)	33	32	0.76820	0.03085	0.76800	0.02654	0.00586	3.46%	0.00986	4.16%
127	Histidine (%)	33	32	0.47816	0.04988	0.46960	0.02784	0.00615	5.93%	0.01074	4.48%
128	Isoleucine (%)	33	32	0.71825	0.06488	0.72250	0.04256	0.00941	5.89%	0.01488	4.20%
129	Leucine (%)	33	32	1.5124	0.10841	1.5197	0.05961	0.01317	3.92%	0.02289	3.76%
130	L-Lysine (%)	39	38	0.89643	0.08769	0.89239	0.06448	0.01308	7.23%	0.02183	4.07%
131	Methionine (%)	38	37	0.29018	0.03520	0.29046	0.02789	0.00573	9.60%	0.00974	4.82%
132	Phenylalanine (%)	33	32	0.86849	0.05841	0.87028	0.03456	0.00764	3.97%	0.01762	4.08%
133	Proline (%)	32	32	1.1336	0.17049	1.0993	0.07258	0.01604	6.60%	0.02346	3.94%
134	Serine (%)	33	33	0.86584	0.05075	0.86565	0.04004	0.00871	4.63%	0.02021	4.09%
135	Threonine (%)	32	32	0.67193	0.04095	0.67334	0.02697	0.00596	4.01%	0.01238	4.25%
136	Tryptophan (%)	20	19	0.20545	0.02672	0.20706	0.01982	0.00569	9.57%	0.00556	5.07%
137	Tyrosine (%)	27	27	0.58530	0.06530	0.58506	0.05318	0.01279	9.09%	0.01824	4.34%
138	Valine (%)	33	32	0.82980	0.06406	0.83672	0.05288	0.01168	6.32%	0.01528	4.11%
139	Taurine (%)	3	3	0.09167	0.08808	0.09167	0.08808	0.06357	96.08%	0.00333	5.73%
142	Threonine Free (%)	1	1	0.80500							
160	Fructose (%)	6	5	0.30080	0.13231	0.30080	0.13231	0.07397	43.99%	0.04600	4.79%
161	Galactose (%)	1	1	0.02700							
162	Glucose (%)	7	6	0.67917	0.35662	0.56560	0.10198	0.05204	18.03%	0.05467	4.36%
163	Lactose (%)	6	6	2.9148	0.26705	2.9148	0.30284	0.15454	10.39%	0.11767	3.40%
164	Maltose (%)	5	2	0.12500	0.03536	0.12500	0.03536	0.03125	28.29%	0.00000	5.47%

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165	Sucrose (%)	6	6	5.5538	0.44394	5.5538	0.50343	0.25691	9.06%	0.11683	3.09%
166	Raffinose (%)	3	3	0.44483	0.03017	0.44483	0.03017	0.02177	6.78%	0.00433	4.52%
167	Stachyose (%)	3	3	1.2300	0.09734	1.2300	0.09734	0.07025	7.91%	0.02533	3.88%
345	Amprolium (mg/kg (ppm))	4	3	5.0275	2.9808	5.0275	2.9808	2.1512	59.29%	0.12767	12.55%
348	Bacitracin (mg/kg (ppm))	1	1	0.30000							
351	Chlortetracycline (mg/kg (ppm))	2	2	3.0899	0.76378						
354	Decoquinatate (mg/kg (ppm))	6	6	2.0658	0.25604	2.0658	0.29034	0.14817	14.05%	0.56833	14.34%
361	Lasalocid Sodium (mg/kg (ppm))	10	10	1.8295	0.42069	1.8338	0.32855	0.12987	17.92%	0.21500	14.60%
365	Monensin (mg/kg (ppm))	14	13	4.7485	1.4703	4.4404	0.66614	0.23094	15.00%	0.30615	12.78%
400	Water Activity (Units)	9	9	0.57212	0.04144	0.56807	0.03700	0.01542	6.51%	0.00392	
412	Starch, Dietary (%)	1	1	33.275							
516	Arsenic, Total (mg / kg (ppm))	8	8	0.14957	0.05077	0.14001	0.03203	0.01416	22.88%	0.00964	21.50%
518	Cadmium (mg / kg (ppm))	8	8	0.09954	0.05842	0.08230	0.01001	0.00442	12.16%	0.00625	22.00%
520	Chromium (mg / kg (ppm))	7	7	2.2837	0.34505	2.2702	0.27173	0.12838	11.97%	0.12289	14.14%
526	Lead (mg / kg (ppm))	6	6	0.08928	0.02230	0.09021	0.02311	0.01179	25.62%	0.00793	22.00%
539	Nickel (mg / kg (ppm))	2	2	2.0091	0.11897						
702	Butyric Acid (4:0) (%)	2	1	0.01000							
703	Valeric Acid (5:0) (%)	1	1	0.01000							
704	Caproic Acid (6:0) (%)	2	1	0.01000							
706	Caprylic acid (8:0) (%) (w/w)	2	1	0.00045							
708	Capric acid (10:0) (%) (w/w)	2	1	0.00040							
710	Lauric Acid (12:0) (%) (w/w)	3	2	0.00293	0.00202	0.00293	0.00202	0.00179	68.94%	0.00025	
714	Myristic Acid (14:0) (%) (w/w)	3	3	0.01965	0.02186	0.01965	0.02186	0.01578	111.25%	0.00037	
716	Palmitic Acid (16:0) (%) (w/w)	3	3	0.65747	0.32794	0.65747	0.32794	0.23667	49.88%	0.01333	
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	4	3	0.00672	0.00283	0.00672	0.00283	0.00204	42.11%	0.00010	
720	Margaric acid (17:0) (%) (w/w)	1	1	0.00675							
722	Stearic Acid (18:0) (%) (w/w)	3	3	0.16072	0.15882	0.16072	0.15882	0.11462	98.82%	0.00117	
724	Oleic Acid (9c-18:1) (%) (w/w)	3	3	0.89935	0.43868	0.89935	0.43868	0.31659	48.78%	0.02623	
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	4	3	2.1859	0.58702	2.1859	0.58702	0.42365	26.85%	0.00220	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	4	4	0.09033	0.01864	0.09033	0.01864	0.01165	20.64%	0.00150	
730	Arachidic Acid (20:0) (%) (w/w)	3	3	0.02742	0.01644	0.02742	0.01644	0.01186	59.96%	0.00057	
732	Gondoic Acid (11c-20:1) (%) (w/w)	3	2	0.01448	0.00923	0.01448	0.00923	0.00816	63.74%	0.00035	
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%) (w/w)	2	1	0.00010							
738	Mead Acid (11c,14c,17c-20:3) (%) (w/w)	2	1	0.00010							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%) (w/w)	3	1								
742	Behenic Acid (22:0) (%) (w/w)	2	2	0.00995	0.00410						
744	Erucic Acid (13c-22:1) (%) (w/w)	3	1								
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w)	3	1								
748	Lignoceric Acid (24:0) (%) (w/w)	2	2	0.01188	0.00428						
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	3	1								

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752	Nervonic Acid (24:1) isomers (% (w/w))	3	1								
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	1	1	0.09000							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	1	1	1.7100							
772	Total Fatty Acids (% (w/w))	1	1	2.7583							

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.