



Animal Feed Scheme
Chicken Layer, Medicated
Test Material Code # 202021

Analyte Summary Report

Labs Reporting: 170
Analytes Reported: 114
Issue Date : 02/29/2020

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	AAFCO ffp Robust SD	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Thompson Horwitz %RSD
000	Urea (%)	2	2	0.3887	0.1254						
001	Loss on Drying (%)	70	68	9.255	0.4564	9.315	0.2964	0.0449	3.18%	0.1125	2.86%
002	Protein, Crude (%)	166	163	18.31	0.5666	18.23	0.2833	0.0277	1.55%	0.1484	2.34%
003	Fat, Crude (%)	130	129	3.795	0.2574	3.780	0.1851	0.0204	4.90%	0.0952	3.27%
004	Fiber, Crude (%)	105	103	3.619	1.033	3.505	0.6193	0.0763	17.67%	0.2022	3.31%
005	Ash (%)	132	129	12.65	1.102	12.88	0.6409	0.0705	4.98%	0.1397	2.72%
006	Total Sugars (%)	5	5	3.583	0.7796	3.583	0.7796	0.3486	21.76%	0.3424	3.30%
008	Fiber, Acid Detergent (%)	55	53	4.757	0.6133	4.741	0.5628	0.0966	11.87%	0.2349	3.16%
009	Fiber, Neutral Detergent (%)	55	53	11.73	1.031	11.68	1.048	0.1799	8.97%	0.3122	2.76%
010	Moisture (%)	20	19	9.610	0.6459	9.563	0.6209	0.1781	6.49%	0.0980	2.85%
011	Loss on Drying (%)	67	65	10.04	0.7945	9.993	0.3372	0.0523	3.37%	0.0752	2.83%
012	Starch (%)	38	37	33.03	2.167	33.12	1.949	0.4005	5.88%	0.3895	1.74%
013	Fat, Acid Pretreat (%)	48	48	4.756	0.6276	4.739	0.5301	0.0956	11.19%	0.1556	3.16%
015	Aluminum (ppm)	15	15	203.3	67.40	209.7	61.51	19.85	29.33%	8.134	7.16%
017	Boron (ppm)	20	18	11.09	1.420	10.92	1.169	0.3444	10.71%	0.3446	11.16%
019	Calcium (%)	119	117	4.107	0.3537	4.138	0.2184	0.0252	5.28%	0.0981	3.23%
021	Cobalt (ppm)	24	23	1.167	0.3035	1.159	0.3053	0.0796	26.35%	0.0978	15.65%
022	Copper (ppm)	89	87	27.60	2.422	27.54	2.328	0.3120	8.45%	1.357	9.71%
024	Iodine (ppm)	1	1	5.360							
025	Iron (ppm)	81	80	273.3	34.77	273.9	29.46	4.118	10.76%	9.029	6.87%
027	Magnesium (%)	90	87	0.2261	0.0206	0.2245	0.0128	0.0017	5.72%	0.0054	5.01%
028	Manganese (ppm)	87	86	164.8	17.36	165.5	14.20	1.914	8.58%	6.648	7.42%
031	Phosphorus (%)	120	117	0.4952	0.0524	0.4899	0.0271	0.0031	5.53%	0.0128	4.45%
032	Potassium (%)	86	83	0.8434	0.0608	0.8464	0.0461	0.0063	5.45%	0.0206	4.10%
033	Salt as chloride (%)	63	62	0.3667	0.0714	0.3636	0.0479	0.0076	13.17%	0.0158	4.66%
034	Selenium (ppm)	25	22	0.7679	0.7269	0.5859	0.1593	0.0425	27.20%	0.0610	17.34%
035	Sodium (%)	87	86	0.2184	0.2521	0.1692	0.0138	0.0019	8.15%	0.0082	5.23%
036	Sulfur (%)	46	45	0.3198	0.0269	0.3202	0.0248	0.0046	7.75%	0.0087	4.75%
037	Zinc (ppm)	87	86	195.2	14.70	195.0	13.82	1.863	7.09%	6.003	7.23%

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038	Molybdenum (ppm)	20	20	3.086	0.8856	3.207	0.5268	0.1472	16.43%	0.0997	13.42%
040	Barium (ppm)	2	2	3.796	0.1680						
042	Chloride (%)	3	3	0.4863	0.4453	0.4863	0.4453	0.2571	91.56%	0.0573	4.46%
101	Choline Chloride (ppm)	1	1	1,855							
102	Niacin (ppm)	1	1	80.30							
103	Pantothenic Acid (ppm)	1	1	25.00							
104	Riboflavin (ppm)	4	3	19.90	0.2191	19.90	0.2191	0.1265	1.10%	1.930	10.20%
105	Thiamine (ppm)	3	3	7.873	0.9864	7.873	0.9864	0.5695	12.53%	0.5867	11.73%
106	Vitamin A (KU / kg)	21	20	21.13	7.483	21.89	6.658	1.861	30.41%	2.594	
107	Vitamin B12 (ppb)	1	1	59.10							
108	Vitamin D3 (KU / kg)	12	11	14.48	4.305	15.01	3.488	1.315	23.24%	0.6498	
109	Vitamin E (IU / kg)	17	16	163.7	59.90	171.4	49.50	15.47	28.88%	7.424	
110	Xanthophyll (ppm)	2	2	12.97	4.982						
112	Pyridoxine (µg / g)	1	1	9.185							
113	Folic Acid (ppm)	1	1	7.275							
114	Biotin (ppm)	1	1	0.6560							
115	Non Protein N (NPN) (%)	1	1	0.5050							
118	Peroxide value (meq/kg)	1	1	1.800							
120	Alanine (%)	31	29	0.9516	0.0614	0.9560	0.0557	0.0129	5.82%	0.0133	4.03%
121	Arginine (%)	31	30	1.081	0.2099	1.073	0.0582	0.0133	5.43%	0.0173	3.96%
122	Aspartic (%)	31	30	1.605	0.0756	1.606	0.0778	0.0178	4.84%	0.0194	3.72%
124	Cysteine/Cystine (%)	30	29	0.3227	0.0662	0.3116	0.0302	0.0070	9.68%	0.0097	4.77%
125	Glutamic (%)	31	31	3.196	0.2037	3.210	0.1369	0.0307	4.26%	0.0537	3.36%
126	Glycine (%)	31	30	0.7450	0.0903	0.7465	0.0326	0.0074	4.37%	0.0145	4.18%
127	Histidine (%)	31	29	0.4701	0.0296	0.4683	0.0261	0.0060	5.56%	0.0117	4.48%
128	Isoleucine (%)	31	31	0.6919	0.0638	0.6890	0.0446	0.0100	6.48%	0.0173	4.23%
129	Leucine (%)	31	29	1.598	0.0630	1.595	0.0653	0.0152	4.09%	0.0231	3.73%
130	L-Lysine (%)	37	36	0.8928	0.0625	0.8932	0.0513	0.0107	5.75%	0.0140	4.07%
131	Methionine (%)	37	36	0.3806	0.0370	0.3783	0.0309	0.0064	8.16%	0.0102	4.63%
132	Phenylalanine (%)	31	30	0.8501	0.0470	0.8540	0.0301	0.0069	3.52%	0.0128	4.10%
133	Proline (%)	30	29	1.195	0.1487	1.186	0.0653	0.0152	5.51%	0.0258	3.90%
134	Serine (%)	31	31	0.8792	0.0731	0.8696	0.0559	0.0125	6.43%	0.0166	4.08%
135	Threonine (%)	31	30	0.6831	0.0553	0.6820	0.0358	0.0082	5.25%	0.0104	4.24%
136	Tryptophan (%)	19	18	0.1879	0.0412	0.1961	0.0258	0.0076	13.16%	0.0064	5.11%
137	Tyrosine (%)	26	26	0.6266	0.1785	0.6233	0.0657	0.0161	10.54%	0.0167	4.29%
138	Valine (%)	31	31	0.7940	0.1067	0.8110	0.0595	0.0134	7.33%	0.0184	4.13%
139	Taurine (%)	6	3	0.0307	0.0447	0.0307	0.0447	0.0323	145.60%	0.0000	6.76%
160	Fructose (%)	3	2	0.0905	0.0000	0.0905	0.0000	0.0000	0.00%	0.0100	5.74%
161	Galactose (%)	1		0.0000							
162	Glucose (%)	3	3	0.2333	0.0419	0.2333	0.0419	0.0242	17.94%	0.0153	4.98%

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163	Lactose (%)	3									
164	Maltose (%)	2	1	0.2040							
165	Sucrose (%)	3	3	1.749	0.1883	1.749	0.1883	0.1087	10.76%	0.0697	3.68%
166	Raffinose (%)	3	3	0.3017	0.0328	0.3017	0.0328	0.0190	10.89%	0.0080	4.79%
167	Stachyose (%)	3	3	0.9338	0.0233	0.9338	0.0233	0.0134	2.49%	0.0250	4.04%
345	Amprolium (ppm)	15	15	65.43	17.97	63.35	14.13	4.559	22.30%	3.472	8.57%
379	Salinomycin (ppm)	1	1	0.4300							
391	Narasin (ppm)	15	15	126.1	13.71	126.4	14.83	4.787	11.73%	4.400	7.72%
400	Water Activity (Units)	11	10	0.5825	0.0224	0.5804	0.0202	0.0080	3.48%	0.0040	
516	Arsenic, Total (ppm)	8	6	0.1314	0.0275	0.1314	0.0312	0.0159	23.71%	0.0144	21.71%
518	Cadmium (ppm)	12	10	0.0780	0.0455	0.0651	0.0084	0.0033	12.95%	0.0023	22.00%
520	Chromium (ppm)	13	13	2.261	1.068	2.261	1.211	0.4200	53.57%	0.0749	14.15%
526	Lead (ppm)	10	9	0.4497	0.6568	0.2473	0.0749	0.0312	30.29%	0.0275	19.74%
529	Mercury (ppb)	2		10.00							
539	Nickel (ppm)	7	7	2.202	0.7557	2.202	0.8570	0.4049	38.92%	0.0795	14.20%
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		0.0000							
710	Lauric Acid (12:0) (%) (w/w)	4	1								
714	Myristic Acid (14:0) (%) (w/w)	3									
716	Palmitic Acid (16:0) (%) (w/w)	3	3	0.5707	0.0275	0.5707	0.0275	0.0159	4.82%	0.0067	4.35%
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	4	2	0.0053	0.0004	0.0053	0.0004	0.0002	6.67%	0.0005	8.81%
722	Stearic Acid (18:0) (%) (w/w)	3	3	0.0930	0.0100	0.0930	0.0100	0.0058	10.80%	0.0007	5.72%
724	Oleic Acid (9c-18:1) (%) (w/w)	3	3	1.080	0.0312	1.080	0.0312	0.0180	2.88%	0.0370	3.95%
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	5	4	1.905	0.0349	1.905	0.0349	0.0174	1.83%	0.0313	3.63%
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	4	4	0.3545	0.0175	0.3545	0.0175	0.0087	4.93%	0.0075	4.68%
730	Arachidic Acid (20:0) (%) (w/w)	3	2	0.0220	0.0099	0.0220	0.0099	0.0070	45.00%	0.0010	7.10%
732	Gondoic Acid (11c-20:1) (%) (w/w)	3	2	0.0213	0.0124	0.0213	0.0124	0.0087	58.21%	0.0005	7.14%
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%) (w/w)	2		0.0000							
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	0.0090							
744	Erucic Acid (13c-22:1) (%) (w/w)	2		0.0000							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w)	3									
748	Lignoceric Acid (24:0) (%) (w/w)	1	1	0.0105							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	3									
752	Nervonic Acid (24:1) isomers (%) (w/w)	2		0.0000							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%) (w/w)	4	4	0.3775	0.0171	0.3775	0.0171	0.0085	4.52%	0.0000	4.63%
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%) (w/w)	3	3	1.905	0.0458	1.905	0.0458	0.0265	2.41%	0.0233	3.63%

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758	Total Saturated Fatty Acids (% (w/w))	1	1	0.7600							
762	Total Monounsaturated Fatty Acids (% (w/w))	1	1	1.130							
766	Total Polyunsaturated Fatty Acids (% (w/w))	1	1	2.230							
770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	4.325							
772	Total Fatty Acids (% (w/w))	2	2	4.088	0.0743						

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.