

Animal Feed Scheme
Chicken Starter, Medicated
Test Material Code # 201832
Analyte Summary Report
Analytes Reported: 114
Labs Reporting: 194
Issue Date : 01/31/2019

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	0.3000							
001	Loss on Drying (%)	84	83	9.237	0.4674	9.287	0.3650	0.0501	3.93%	0.1090	2.86%
002	Protein, Crude (%)	192	186	20.53	0.7450	20.58	0.3323	0.0305	1.61%	0.1550	2.20%
003	Fat, Crude (%)	154	153	3.715	0.2934	3.733	0.2044	0.0207	5.48%	0.1067	3.28%
004	Fiber, Crude (%)	121	119	3.643	0.5424	3.635	0.4269	0.0489	11.75%	0.1610	3.29%
005	Ash (%)	139	136	6.918	0.3976	6.894	0.2293	0.0246	3.33%	0.0799	2.99%
006	Total Sugars (%)	5	4	3.558	0.7006	3.558	0.7006	0.4379	19.69%	0.1100	3.30%
008	Fiber, Acid Detergent (%)	57	56	5.137	0.5519	5.153	0.5591	0.0934	10.85%	0.1969	3.13%
009	Fiber, Neutral Detergent (%)	54	53	13.38	1.815	13.07	0.9840	0.1690	7.53%	0.3532	2.72%
010	Moisture (%)	26	24	9.022	1.762	9.333	0.3741	0.0954	4.01%	0.1143	2.86%
011	Loss on Drying (%)	68	66	9.856	0.3985	9.878	0.3611	0.0556	3.66%	0.0799	2.83%
012	Starch (%)	38	37	38.62	3.179	39.03	2.072	0.4257	5.31%	0.5426	1.60%
013	Fat, Acid Pretreat (%)	50	49	4.663	0.6176	4.664	0.5515	0.0985	11.83%	0.1508	3.17%
015	Aluminum (mg / kg (ppm))	13	13	82.72	16.99	83.50	17.42	6.038	20.86%	7.471	8.22%
017	Boron (mg / kg (ppm))	15	15	7.118	1.426	7.167	1.054	0.3400	14.70%	0.3538	11.89%
019	Calcium (%)	133	130	1.510	0.0997	1.512	0.0777	0.0085	5.14%	0.0289	3.76%
021	Cobalt (mg / kg (ppm))	17	17	1.235	0.2886	1.224	0.2894	0.0877	23.63%	0.1116	15.52%
022	Copper (mg / kg (ppm))	88	87	24.35	2.752	24.24	2.281	0.3056	9.41%	1.183	9.90%
023	Fluorine (mg / kg (ppm))	1	1	5.000							
025	Iron (mg / kg (ppm))	77	76	236.1	22.68	237.2	19.97	2.864	8.42%	6.159	7.02%
027	Magnesium (%)	91	88	0.1926	0.0133	0.1916	0.0105	0.0014	5.49%	0.0029	5.13%
028	Manganese (mg / kg (ppm))	87	86	113.6	9.418	113.7	8.793	1.185	7.74%	3.589	7.85%
031	Phosphorus (%)	127	124	0.7397	0.0393	0.7399	0.0336	0.0038	4.53%	0.0130	4.19%
032	Potassium (%)	89	85	0.9012	0.0720	0.8960	0.0427	0.0058	4.77%	0.0181	4.07%
033	Salt as chloride (%)	72	69	0.8003	0.4805	0.7526	0.0636	0.0096	8.45%	0.0182	4.17%
034	Selenium (mg / kg (ppm))	20	19	0.6755	0.2749	0.6286	0.1524	0.0437	24.24%	0.0271	17.15%
035	Sodium (%)	86	84	0.2896	0.0319	0.2863	0.0190	0.0026	6.65%	0.0072	4.83%
036	Sulfur (%)	38	37	0.2526	0.0188	0.2533	0.0155	0.0032	6.12%	0.0064	4.92%
037	Zinc (mg / kg (ppm))	86	84	138.3	10.72	138.3	9.596	1.309	6.94%	4.183	7.62%
038	Molybdenum (mg / kg (ppm))	18	16	0.9960	0.1483	1.002	0.1443	0.0451	14.40%	0.0900	15.99%
040	Barium (mg / kg (ppm))	2	2	8.698	0.2147						
041	Vanadium (mg / kg (ppm))	1	1	0.2720							

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042	Chloride (%)	3	3	0.5663	0.0883	0.5663	0.0883	0.0637	15.60%	0.0367	4.36%
101	Choline Chloride (mg / kg (ppm))	1	1	2,415							
102	Niacin (mg / kg (ppm))	2	2	103.4	39.74						
103	Pantothenic Acid (mg / kg (ppm))	1	1	20.90							
104	Riboflavin (mg / kg (ppm))	5	5	24.73	5.695	24.73	5.695	3.183	23.03%	1.022	9.87%
105	Thiamine (mg / kg (ppm))	3	3	6.595	3.236	6.595	3.236	2.335	49.06%	0.5033	12.04%
106	Vitamin A (KU / kg)	15	15	27.77	15.50	25.41	3.331	1.075	13.11%	2.157	
107	Vitamin B12 (µg / kg (ppb))	1	1	37.85							
108	Vitamin D3 (KU / kg)	7	7	8.899	11.42	5.249	0.9191	0.4342	17.51%	0.4171	
109	Vitamin E (IU / kg)	13	13	59.32	17.85	62.15	10.24	3.550	16.47%	3.255	
111	Vitamin C, Phosphorylated (mg / kg (ppm))	1	1	11.80							
112	Pyridoxine (µg / g)	1	1	9.580							
113	Folic Acid (mg / kg (ppm))	1	1	11.45							
114	Biotin (mg / kg (ppm))	1	1	0.8070							
115	Non Protein N (NPN) (%)	1	1	0.5500							
118	Peroxide value (meq/kg)	1	1	5.380							
120	Alanine (%)	27	25	1.132	0.0513	1.126	0.0404	0.0101	3.59%	0.0133	3.93%
121	Arginine (%)	28	28	1.276	0.1485	1.300	0.0508	0.0120	3.91%	0.0188	3.85%
122	Aspartic (%)	28	26	1.864	0.0598	1.863	0.0567	0.0139	3.04%	0.0219	3.64%
124	Cysteine/Cystine (%)	27	27	0.3163	0.0472	0.3153	0.0257	0.0062	8.16%	0.0071	4.76%
125	Glutamic (%)	28	26	3.328	0.3358	3.377	0.1323	0.0324	3.92%	0.0236	3.33%
126	Glycine (%)	28	26	1.211	0.0432	1.207	0.0384	0.0094	3.18%	0.0119	3.89%
127	Histidine (%)	28	27	0.4958	0.0599	0.5060	0.0247	0.0059	4.88%	0.0102	4.43%
128	Isoleucine (%)	28	27	0.7439	0.0867	0.7617	0.0409	0.0098	5.37%	0.0117	4.17%
129	Leucine (%)	28	26	1.605	0.0634	1.604	0.0465	0.0114	2.90%	0.0153	3.73%
130	L-Lysine (%)	34	33	1.028	0.1062	1.042	0.0490	0.0107	4.70%	0.0199	3.98%
131	Methionine (%)	34	33	0.3143	0.0438	0.3141	0.0224	0.0049	7.14%	0.0081	4.76%
132	Phenylalanine (%)	28	26	0.9186	0.0368	0.9174	0.0318	0.0078	3.47%	0.0116	4.05%
133	Proline (%)	27	26	1.306	0.1623	1.314	0.0777	0.0191	5.91%	0.0278	3.84%
134	Serine (%)	28	27	0.9189	0.1073	0.9323	0.0605	0.0146	6.49%	0.0153	4.04%
135	Threonine (%)	29	27	0.7461	0.0308	0.7444	0.0298	0.0072	4.00%	0.0093	4.18%
136	Tryptophan (%)	18	17	0.2449	0.1352	0.2198	0.0499	0.0151	22.70%	0.0028	5.02%
137	Tyrosine (%)	22	21	0.6069	0.1120	0.6136	0.1115	0.0304	18.17%	0.0097	4.30%
138	Valine (%)	28	27	0.9000	0.1025	0.9138	0.0679	0.0163	7.43%	0.0146	4.05%
139	Taurine (%)	4	3	0.1152	0.1199	0.1152	0.1199	0.0866	104.14%	0.0037	5.54%
150	Phytase (Units / kg)	2	2	303.0	9.900						
160	Fructose (%)	3	3	0.3105	0.0183	0.3105	0.0183	0.0132	5.88%	0.0283	4.77%
162	Glucose (%)	2	2	0.2428	0.0322						
163	Lactose (%)	2		0.0000							
164	Maltose (%)	3	1								

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165	Sucrose (%)	3	3	2.270	0.1394	2.270	0.1394	0.1006	6.14%	0.0667	3.54%
166	Raffinose (%)	1	1	0.4650							
167	Stachyose (%)	1	1	0.9600							
345	Amprolium (mg/kg (ppm))	13	13	95.59	29.53	102.4	9.056	3.140	8.84%	4.803	7.97%
348	Bacitracin (mg/kg (ppm))	3	3	59.20	42.45	59.20	42.45	30.64	71.71%	2.257	8.66%
351	Chlortetracycline (mg/kg (ppm))	4	3	4.435	0.8282	4.435	0.8282	0.5977	18.67%	0.1771	12.78%
361	Lasalocid Sodium (mg/kg (ppm))	10	9	2.227	0.3410	2.227	0.3867	0.1611	17.36%	0.1756	14.18%
365	Monensin (mg/kg (ppm))	12	12	2.940	0.2784	3.003	0.1419	0.0512	4.72%	0.1646	13.56%
388	Tylosin (mg/kg (ppm))	7	7	88.64	26.19	88.64	29.70	14.03	33.50%	4.771	8.15%
400	Water Activity (Units)	9	9	0.4899	0.0307	0.4884	0.0313	0.0130	6.41%	0.0038	
412	Starch, Dietary (%)	1	1	24.27							
516	Arsenic, Total (mg / kg (ppm))	9	8	0.0719	0.0155	0.0709	0.0153	0.0067	21.52%	0.0059	22.00%
518	Cadmium (mg / kg (ppm))	8	7	0.0403	0.0038	0.0398	0.0015	0.0007	3.72%	0.0021	22.00%
520	Chromium (mg / kg (ppm))	10	10	2.355	0.9127	2.355	1.035	0.4091	43.94%	0.1784	14.06%
526	Lead (mg / kg (ppm))	9	9	0.1981	0.0290	0.1971	0.0217	0.0091	11.02%	0.0249	20.43%
529	Mercury (µg / kg (ppb))	2	2	1.086	0.2634						
539	Nickel (mg / kg (ppm))	4	4	2.508	0.6699	2.508	0.6699	0.4187	26.71%	0.1003	13.93%
710	Lauric Acid (12:0) (%) (w/w)	3	2	0.0074	0.0073	0.0074	0.0073	0.0064	99.05%	0.0006	
714	Myristic Acid (14:0) (%) (w/w)	2	2	0.0201	0.0069						
716	Palmitic Acid (16:0) (%) (w/w)	2	2	0.7532	0.0733						
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	3	2	0.0241	0.0012	0.0241	0.0012	0.0011	5.14%	0.0003	
722	Stearic Acid (18:0) (%) (w/w)	1	1	0.2063							
724	Oleic Acid (9c-18:1) (%) (w/w)	2	2	1.051	0.0833						
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	4	4	1.639	0.1228	1.639	0.1228	0.0767	7.49%	0.0392	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	3	3	0.1013	0.0106	0.1013	0.0106	0.0077	10.50%	0.0016	
730	Arachidic Acid (20:0) (%) (w/w)	1	1	0.0131							
732	Gondoic Acid (11c-20:1) (%) (w/w)	1	1	0.0159							
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%) (w/w)	1		0.0000							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%) (w/w)	2		0.0000							
742	Behenic Acid (22:0) (%) (w/w)	2	1	0.0079							
744	Erucic Acid (13c-22:1) (%) (w/w)	1		0.0050							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w)	2		0.0000							
748	Lignoceric Acid (24:0) (%) (w/w)	1	1	0.0568							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	2		0.0000							
752	Nervonic Acid (24:1) isomers (%) (w/w)	1		0.0050							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%) (w/w)	3	3	0.1000	0.0100	0.1000	0.0100	0.0072	10.00%	0.0000	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%) (w/w)	3	3	1.653	0.1514	1.653	0.1514	0.1092	9.15%	0.0400	
758	Total Saturated Fatty Acids (%) (w/w)	1	1	1.115							
762	Total Monounsaturated Fatty Acids (%) (w/w)	1	1	1.160							
766	Total Polyunsaturated Fatty Acids (%) (w/w)	1	1	1.745							

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770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	4.235							
772	Total Fatty Acids (% (w/w))	2	2	3.904	0.2060						

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.