



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme
Ratite Feed, Medicated
Test Material Code # 202228

Analyte Summary Report

Labs Reporting: 170
Analytes Reported: 106
Issue Date : 09/30/2022

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	0.3000							
001	Loss on Drying (%)	71	69	9.840	0.4605	9.869	0.3642	0.0548	3.69%	0.1271	2.83%
002	Protein, Crude (%)	167	162	19.79	0.3609	19.81	0.2787	0.0274	1.41%	0.1562	2.25%
003	Fat, Crude (%)	137	136	3.522	0.3437	3.532	0.2846	0.0305	8.06%	0.1000	3.31%
004	Fiber, Crude (%)	118	117	2.986	0.3909	2.995	0.3695	0.0427	12.34%	0.1286	3.39%
005	Ash (%)	132	128	6.500	0.2961	6.485	0.2311	0.0255	3.56%	0.0791	3.02%
006	Total Sugars (%)	7	7	4.592	0.9661	4.732	0.7447	0.3518	15.74%	0.1834	3.17%
008	Fiber, Acid Detergent (%)	62	62	4.449	0.7302	4.377	0.4945	0.0785	11.30%	0.2042	3.20%
009	Fiber, Neutral Detergent (%)	56	54	11.95	1.275	11.90	1.101	0.1873	9.25%	0.2965	2.76%
010	Moisture (%)	21	20	10.10	0.4536	10.11	0.4389	0.1227	4.34%	0.0624	2.82%
011	Loss on Drying, HT (%)	76	73	10.73	0.6201	10.80	0.4417	0.0646	4.09%	0.1230	2.80%
012	Starch (%)	41	38	39.18	2.063	39.31	1.989	0.4032	5.06%	0.3828	1.59%
013	Fat, Acid Pretreat (%)	49	48	4.393	0.7580	4.423	0.6735	0.1215	15.23%	0.1481	3.20%
015	Aluminum (ppm)	15	15	82.50	16.37	83.25	16.79	5.418	20.16%	1.756	8.22%
017	Boron (ppm)	18	17	9.551	1.753	9.297	1.285	0.3897	13.83%	0.5777	11.44%
019	Calcium (%)	122	121	1.414	0.0907	1.415	0.0718	0.0082	5.07%	0.0343	3.80%
021	Cobalt (ppm)	22	20	0.9210	0.3549	0.9328	0.3702	0.1035	39.69%	0.0696	16.16%
022	Copper (ppm)	88	85	15.82	2.374	15.58	1.384	0.1877	8.88%	0.6903	10.58%
025	Iron (ppm)	83	80	229.4	20.52	228.1	18.16	2.538	7.96%	7.262	7.07%
027	Magnesium (%)	87	86	0.1848	0.0132	0.1853	0.0104	0.0014	5.62%	0.0050	5.15%
028	Manganese (ppm)	88	87	93.05	8.229	92.91	6.872	0.9210	7.40%	3.232	8.09%
030	Nitrate (%)	1	1	0.0011							
031	Phosphorus (%)	120	117	0.7421	0.0434	0.7440	0.0325	0.0038	4.37%	0.0146	4.18%
032	Potassium (%)	87	87	0.8634	0.0705	0.8652	0.0483	0.0065	5.59%	0.0240	4.09%
033	Salt as chloride (%)	61	60	0.6181	0.0762	0.6229	0.0477	0.0077	7.66%	0.0139	4.30%
034	Selenium, Total (Se) (ppm)	25	22	0.6491	0.3111	0.5799	0.1283	0.0342	22.12%	0.0394	17.36%
035	Sodium (%)	89	86	0.2328	0.0182	0.2332	0.0149	0.0020	6.39%	0.0066	4.98%
036	Sulfur (%)	50	49	0.2666	0.0252	0.2691	0.0206	0.0037	7.65%	0.0086	4.87%
037	Zinc (ppm)	93	92	102.8	11.17	102.0	8.828	1.150	8.65%	3.930	7.97%

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038	Molybdenum (ppm)	22	21	2.039	0.2224	2.042	0.2065	0.0563	10.11%	0.0925	14.37%
040	Barium (ppm)	1	1	7.648							
041	Vanadium (ppm)	2	2	0.4209	0.0144						
042	Chloride (%)	12	11	0.3961	0.0628	0.3898	0.0505	0.0190	12.96%	0.0045	4.61%
101	Choline Chloride (ppm)	1	1	2,080							
102	Niacin (ppm)	1	1	74.20							
103	Pantothenic Acid (ppm)	1	1	16.20							
104	Riboflavin (ppm)	1	1	7.940							
105	Thiamine (ppm)	1	1	3.630							
106	Vitamin A (KU / kg)	9	8	3.228	1.589	2.948	1.062	0.4694	36.04%	0.4592	
107	Vitamin B12 (ppb)	1	1	12.00							
108	Vitamin D3 (KU / kg)	4	4	2.372	0.3117	2.372	0.3117	0.1558	13.14%	0.2642	
109	Vitamin E (IU / kg)	12	11	28.27	5.191	28.21	4.576	1.725	16.22%	2.665	
111	Vitamin C, Phosphorylated (ppm)	1		11.43							
112	Pyridoxine (µg / g)	1	1	5.890							
113	Folic Acid (ppm)	1	1	1.235							
114	Biotin (ppm)	1	1	0.3055							
115	Non Protein N (NPN) (%)	3	3	0.4022	0.3232	0.4022	0.3232	0.1866	80.37%	0.0156	4.59%
118	Peroxide value (meq/kg)	1	1	2.955							
120	Alanine (%)	28	28	1.042	0.0723	1.053	0.0550	0.0130	5.23%	0.0123	3.97%
121	Arginine (%)	28	28	1.217	0.1253	1.227	0.0613	0.0145	4.99%	0.0200	3.88%
122	Aspartic (%)	27	27	1.748	0.1011	1.764	0.0703	0.0169	3.98%	0.0243	3.67%
124	Cysteine/Cystine (%)	28	27	0.2816	0.0405	0.2822	0.0291	0.0070	10.33%	0.0086	4.84%
125	Glutamic (%)	27	27	3.202	0.1711	3.211	0.1472	0.0354	4.58%	0.0353	3.36%
126	Glycine (%)	28	28	1.104	0.1555	1.130	0.0495	0.0117	4.38%	0.0199	3.93%
127	Histidine (%)	28	27	0.4736	0.0379	0.4770	0.0309	0.0074	6.48%	0.0068	4.47%
128	Isoleucine (%)	27	27	0.7121	0.0616	0.7190	0.0508	0.0122	7.07%	0.0132	4.20%
129	Leucine (%)	27	26	1.500	0.0895	1.505	0.0799	0.0196	5.31%	0.0168	3.76%
130	L-Lysine (%)	32	32	0.9496	0.0924	0.9648	0.0653	0.0144	6.77%	0.0143	4.02%
131	Methionine (%)	30	29	0.2925	0.0256	0.2947	0.0235	0.0055	7.98%	0.0108	4.81%
132	Phenylalanine (%)	27	25	0.8654	0.0354	0.8661	0.0334	0.0083	3.86%	0.0112	4.09%
133	Proline (%)	26	25	1.244	0.0784	1.242	0.0665	0.0166	5.35%	0.0204	3.87%
134	Serine (%)	27	27	0.8883	0.0773	0.8858	0.0714	0.0172	8.06%	0.0119	4.07%
135	Threonine (%)	28	27	0.7038	0.0538	0.7012	0.0374	0.0090	5.34%	0.0090	4.22%
136	Tryptophan (%)	20	18	0.2400	0.0660	0.2284	0.0316	0.0093	13.84%	0.0037	5.00%
137	Tyrosine (%)	24	23	0.6079	0.0585	0.6077	0.0580	0.0151	9.54%	0.0109	4.31%
138	Valine (%)	27	26	0.8671	0.0555	0.8690	0.0587	0.0144	6.75%	0.0112	4.09%
139	Taurine (%)	5	3	0.0890	0.1265	0.0890	0.1265	0.0730	142.13%	0.0040	5.76%
160	Fructose (%)	2	2	0.2153	0.1199						
162	Glucose (%)	3	3	1.455	2.080	1.455	2.080	1.201	142.96%	0.1107	3.78%

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163	Lactose (%)	2		0.0000							
164	Maltose (%)	1		0.1500							
165	Sucrose (%)	2	2	2.510	0.1556						
166	Raffinose (%)	2	2	0.3918	0.0732						
167	Stachyose (%)	2	2	0.9900	0.0990						
345	Amprolium (ppm)	8	8	103.8	11.90	101.9	8.671	3.832	8.51%	4.535	7.98%
348	Bacitracin (ppm)	1	1	8.850							
351	Chlortetracycline (ppm)	12	12	159.3	63.11	146.2	26.82	9.676	18.35%	17.58	7.55%
400	Water Activity (Units)	13	13	0.5887	0.0285	0.5855	0.0212	0.0073	3.61%	0.0041	
516	Arsenic, Total (As) (ppm)	7	6	0.0684	0.0113	0.0684	0.0128	0.0065	18.68%	0.0052	22.00%
518	Cadmium (ppm)	8	7	0.0680	0.0040	0.0680	0.0045	0.0021	6.59%	0.0034	22.00%
520	Chromium, Total (Cr) (ppm)	11	11	3.696	0.7968	3.772	0.7112	0.2680	18.85%	0.1155	13.10%
526	Lead (ppm)	8	7	0.1651	0.0437	0.1609	0.0392	0.0185	24.37%	0.0065	21.06%
529	Mercury (ppb)	4	2	1.419	0.1056	1.419	0.1056	0.0746	7.44%	0.1323	22.00%
539	Nickel (ppm)	7	7	2.693	0.5019	2.702	0.5481	0.2590	20.29%	0.0863	13.77%
710	Lauric Acid (12:0) (% (w/w))	2		0.0050							
714	Myristic Acid (14:0) (% (w/w))	1	1	0.0185							
716	Palmitic Acid (16:0) (% (w/w))	1	1	0.6935							
718	Palmitoleic Acid (9c-16:1) (% (w/w))	2	2	0.0292	0.0003						
722	Stearic Acid (18:0) (% (w/w))	1	1	0.2176							
724	Oleic Acid (9c-18:1) (% (w/w))	1	1	1.038							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	2	2	1.661	0.0425						
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	2	2	0.0914	0.0009						
730	Arachidic Acid (20:0) (% (w/w))	1	1	0.0128							
732	Gondoic Acid (11c-20:1) (% (w/w))	1	1	0.0178							
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (% (w/w))	1	1	0.0080							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	2		0.0050							
742	Behenic Acid (22:0) (% (w/w))	1	1	0.0093							
744	Erucic Acid (13c-22:1) (% (w/w))	1		0.0050							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%)	2		0.0000							
748	Lignoceric Acid (24:0) (% (w/w))	1	1	0.0108							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%)	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))	1	1	0.0900							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	1	1	1.710							
770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	3.750							
772	Total Fatty Acids (% (w/w))	1	1	3.769							

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.

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