



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme
Beef Feed, Medicated
Test Material Code # 202422

Analyte Summary Report

Labs Reporting: 171
Analytes Reported: 95
Issue Date : 03/31/2024

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 (Rob R-bar)	Thompson Horwitz %RSD
000	Urea (%)	1	1	7.225							
001	Loss on Drying (%)	70	68	7.462	0.3731	7.454	0.2706	0.0410	3.63%	0.0870	2.96%
002	Protein, Crude (%)	170	165	13.73	0.9351	13.58	0.2736	0.0266	2.01%	0.1523	2.70%
003	Fat, Crude (%)	147	144	4.169	0.6591	4.094	0.2904	0.0302	7.09%	0.1021	3.24%
004	Fiber, Crude (%)	123	119	16.02	2.702	16.31	1.348	0.1545	8.27%	0.2844	2.48%
005	Ash (%)	143	141	14.29	2.021	14.76	0.6081	0.0640	4.12%	0.1809	2.60%
006	Total Sugars (%)	4	4	4.098	0.5538	4.098	0.5538	0.2769	13.52%	0.2555	3.23%
008	Fiber, Acid Detergent (%)	61	60	22.84	3.117	23.12	2.443	0.3943	10.57%	0.2905	2.08%
009	Fiber, Neutral Detergent (%)	56	54	35.07	1.714	35.03	1.838	0.3126	5.25%	0.5011	1.69%
010	Moisture (%)	31	31	7.569	1.049	7.590	1.052	0.2362	13.86%	0.1134	2.95%
011	Loss on Drying, HT (%)	73	70	8.176	0.5675	8.182	0.4143	0.0619	5.06%	0.0957	2.92%
012	Starch (%)	40	40	12.75	1.182	12.68	0.9789	0.1935	7.72%	0.3020	2.73%
013	Fat, Pretreat (%)	44	43	4.983	0.6298	4.996	0.6846	0.1305	13.70%	0.1198	3.14%
015	Aluminum (ppm)	14	14	96.43	31.68	99.65	26.91	8.989	27.00%	5.198	8.00%
017	Boron (ppm)	18	17	5.635	1.516	5.398	0.6754	0.2048	12.51%	0.4013	12.41%
019	Calcium (%)	126	125	2.526	0.1545	2.533	0.1302	0.0146	5.14%	0.0686	3.48%
021	Cobalt (ppm)	31	30	7.179	2.114	7.063	1.403	0.3203	19.87%	0.3400	11.92%
022	Copper (ppm)	87	85	68.67	18.54	70.22	16.96	2.299	24.15%	3.897	8.44%
025	Iron (ppm)	82	80	411.4	75.94	422.4	51.18	7.152	12.11%	14.26	6.44%
027	Magnesium (%)	91	90	0.7775	0.0904	0.7859	0.0623	0.0082	7.92%	0.0353	4.15%
028	Manganese (ppm)	86	83	224.1	20.92	224.0	21.50	2.950	9.60%	5.385	7.08%
030	Nitrate (%)	1	1	0.0016							
031	Phosphorus (%)	122	121	0.7155	0.0427	0.7153	0.0351	0.0040	4.91%	0.0161	4.21%
032	Potassium (%)	86	84	0.7918	0.0858	0.7951	0.0783	0.0107	9.85%	0.0185	4.14%
033	Salt as chloride (%)	67	66	1.299	0.1520	1.311	0.0844	0.0130	6.44%	0.0413	3.84%
034	Selenium, Total (Se) (ppm)	25	22	1.406	0.3458	1.353	0.2121	0.0565	15.68%	0.0622	15.29%
035	Sodium (%)	87	84	0.4896	0.0474	0.4918	0.0392	0.0053	7.96%	0.0158	4.45%
036	Sulfur (%)	48	48	0.3039	0.0194	0.3034	0.0196	0.0035	6.45%	0.0107	4.79%
037	Zinc (ppm)	89	86	202.3	28.81	204.4	24.74	3.335	12.10%	10.39	7.18%

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038	Molybdenum (ppm)	25	25	2.768	0.6362	2.760	0.4041	0.1010	14.64%	0.1128	13.73%
040	Barium (ppm)	2	2	12.93	0.1589						
041	Vanadium (ppm)	1	1	0.8098							
042	Chloride (%)	10	10	0.8443	0.0626	0.8485	0.0610	0.0241	7.19%	0.0380	4.10%
102	Niacin (ppm)	1	1	17.30							
104	Riboflavin (ppm)	1	1	0.0850							
105	Thiamine (ppm)	1	1	0.2200							
106	Vitamin A (KU / kg)	12	12	13.83	3.292	14.11	3.023	1.091	21.42%	1.850	
108	Vitamin D3 (KU / kg)	6	5	1.282	0.2464	1.282	0.2464	0.1377	19.22%	0.1800	
109	Vitamin E (IU / kg)	9	9	28.88	12.31	30.86	8.645	3.602	28.01%	2.722	
112	Pyridoxine (µg / g)	1	1	0.2300							
113	Folic Acid (ppm)	1		0.1300							
115	Non Protein N (NPN) (%)	3	3	0.4626	0.2111	0.4626	0.2111	0.1219	45.64%	0.0234	4.49%
120	Alanine (%)	26	26	0.7046	0.0317	0.7049	0.0329	0.0081	4.67%	0.0176	4.22%
121	Arginine (%)	26	26	0.7405	0.0866	0.7473	0.0553	0.0136	7.40%	0.0251	4.18%
122	Aspartic (%)	26	26	0.9201	0.0516	0.9212	0.0555	0.0136	6.02%	0.0187	4.05%
124	Cysteine/Cystine (%)	27	26	0.2698	0.0205	0.2700	0.0188	0.0046	6.97%	0.0095	4.87%
125	Glutamic (%)	26	25	2.331	0.1144	2.333	0.0821	0.0205	3.52%	0.0350	3.52%
126	Glycine (%)	26	26	0.6096	0.0668	0.6218	0.0353	0.0086	5.67%	0.0151	4.30%
127	Histidine (%)	26	25	0.3343	0.0312	0.3330	0.0325	0.0081	9.75%	0.0109	4.72%
128	Isoleucine (%)	26	26	0.4495	0.0526	0.4447	0.0377	0.0092	8.48%	0.0142	4.52%
129	Leucine (%)	26	26	1.003	0.0782	0.9965	0.0477	0.0117	4.79%	0.0260	4.00%
130	L-Lysine (%)	27	26	0.5071	0.0539	0.5057	0.0402	0.0098	7.94%	0.0118	4.43%
131	Methionine (%)	27	27	0.2075	0.0278	0.2120	0.0126	0.0030	5.95%	0.0067	5.05%
132	Phenylalanine (%)	26	26	0.5499	0.0329	0.5496	0.0359	0.0088	6.54%	0.0184	4.38%
133	Proline (%)	25	25	0.8476	0.0750	0.8518	0.0758	0.0189	8.89%	0.0227	4.10%
134	Serine (%)	26	26	0.5795	0.0454	0.5768	0.0397	0.0097	6.89%	0.0155	4.35%
135	Threonine (%)	27	26	0.4722	0.0281	0.4717	0.0277	0.0068	5.87%	0.0154	4.48%
136	Tryptophan (%)	21	20	0.1481	0.0210	0.1501	0.0189	0.0053	12.61%	0.0069	5.32%
137	Tyrosine (%)	22	22	0.3663	0.0573	0.3648	0.0616	0.0164	16.89%	0.0149	4.66%
138	Valine (%)	26	26	0.6141	0.0464	0.6154	0.0461	0.0113	7.49%	0.0184	4.30%
139	Taurine (%)	5	3	0.0975	0.0649	0.0975	0.0649	0.0374	66.52%		5.68%
160	Fructose (%)	1	1	0.1600							
161	Galactose (%)	1		0.0000							
162	Glucose (%)	2	2	2.235	2.920						
163	Lactose (%)	1		0.0000							
164	Maltose (%)	1	1	0.2250							
165	Sucrose (%)	1	1	1.530							
166	Raffinose (%)	1	1	0.4150							
167	Stachyose (%)	1	1	0.3150							

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365	Monensin (ppm)	26	26	41.73	4.580	42.01	4.219	1.034	10.04%	1.509	9.11%
400	Water Activity (Units)	15	14	0.4637	0.0260	0.4629	0.0276	0.0092	5.97%	0.0117	
516	Arsenic, Total (As) (ppm)	6	4	0.1819	0.0167	0.1819	0.0167	0.0104	9.19%	0.0040	20.67%
518	Cadmium (ppm)	10	7	0.1167	0.0090	0.1167	0.0103	0.0048	8.78%	0.0048	22.00%
520	Chromium, Total (Cr) (ppm)	13	13	20.76	9.653	20.76	10.95	3.795	52.74%	0.5416	10.13%
526	Lead (ppm)	7	6	0.1423	0.0274	0.1423	0.0310	0.0158	21.80%	0.0340	21.45%
529	Mercury (ppb)	2	1	1.465							
539	Nickel (ppm)	6	6	11.88	4.896	12.60	3.763	1.920	29.86%	0.1332	10.92%
710	Lauric Acid (12:0) (% (w/w))	1		0.0050							
714	Myristic Acid (14:0) (% (w/w))	1	1	0.0126							
716	Palmitic Acid (16:0) (% (w/w))	1	1	0.7611							
718	Palmitoleic Acid (9c-16:1) (% (w/w))	1	1	0.0163							
722	Stearic Acid (18:0) (% (w/w))	1	1	0.1229							
724	Oleic Acid (9c-18:1) (% (w/w))	1	1	1.122							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	1	1	2.123							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	1	1	0.1150							
730	Arachidic Acid (20:0) (% (w/w))	1	1	0.0182							
732	Gondoic Acid (11c-20:1) (% (w/w))	1	1	0.0228							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	1		0.0050							
742	Behenic Acid (22:0) (% (w/w))	1	1	0.0137							
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))	1		0.0050							
748	Lignoceric Acid (24:0) (% (w/w))	1	1	0.0225							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (% (w/w))	1		0.0050							
752	Nervonic Acid (24:1) isomers (% (w/w))	1		0.0050							
772	Total Fatty Acids (% (w/w))	1	1	4.350							

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.