



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme
Poultry Feed, Medicated
Test Material Code # 202528

Analyte Summary Report

Labs Reporting: 158
Analytes Reported: 99
Issue Date : 09/30/2025

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 (Rob R-bar)	Thompson Horwitz %RSD
001	Loss on Drying (%)	65	63	8.759	0.2700	8.772	0.2469	0.0389	2.81%	0.0819	2.88%
002	Protein, Crude (%)	164	160	16.48	0.2971	16.48	0.2448	0.0242	1.49%	0.1162	2.46%
003	Fat, Crude (%)	142	140	2.765	0.3547	2.734	0.2495	0.0264	9.13%	0.0807	3.44%
004	Fiber, Crude (%)	107	105	4.782	0.8281	4.705	0.6872	0.0838	14.60%	0.1871	3.17%
005	Ash (%)	134	132	11.56	1.100	11.78	0.6479	0.0705	5.50%	0.1403	2.76%
006	Total Sugars (%)	11	11	5.529	1.867	5.135	0.8928	0.3365	17.39%	0.1877	3.13%
008	Fiber, Acid Detergent (%)	61	59	5.854	0.4873	5.840	0.4109	0.0669	7.04%	0.1654	3.07%
009	Fiber, Neutral Detergent (%)	59	57	17.07	1.091	17.06	1.136	0.1881	6.66%	0.2689	2.42%
010	Moisture (%)	24	24	9.041	0.6269	9.029	0.5019	0.1281	5.56%	0.0957	2.87%
011	Loss on Drying, HT (%)	67	65	9.421	0.5946	9.485	0.4299	0.0667	4.53%	0.1152	2.85%
012	Starch (%)	43	42	30.51	1.842	30.59	1.490	0.2874	4.87%	0.4435	1.81%
013	Fat, Pretreat (%)	49	47	3.763	0.5337	3.748	0.5254	0.0958	14.02%	0.1812	3.28%
014	Fiber, Total Dietary (%)	3	3	21.32	1.285	21.32	1.285	0.7421	6.03%	0.3630	2.17%
015	Aluminum (ppm)	16	16	155.6	39.26	157.0	41.54	12.98	26.45%	4.216	7.47%
017	Boron (ppm)	17	15	7.610	0.5660	7.610	0.6419	0.2072	8.44%	0.2485	11.79%
019	Calcium (%)	121	120	3.435	0.2147	3.442	0.1637	0.0187	4.76%	0.0881	3.32%
021	Cobalt (ppm)	27	27	1.285	0.3720	1.297	0.3892	0.0936	30.00%	0.1134	15.38%
022	Copper (ppm)	86	86	15.28	2.166	15.30	1.513	0.2040	9.89%	0.7291	10.61%
024	Iodine (ppm)	1	1	1.488							
025	Iron (ppm)	87	86	283.1	42.95	284.8	31.34	4.224	11.00%	9.230	6.83%
027	Magnesium (%)	91	90	0.2732	0.0210	0.2752	0.0163	0.0021	5.91%	0.0084	4.86%
028	Manganese (ppm)	90	88	111.4	7.976	111.6	6.582	0.8771	5.90%	3.355	7.87%
030	Nitrate (%)	1	1	0.0004							
031	Phosphorus (%)	117	115	0.6574	0.0501	0.6622	0.0291	0.0034	4.40%	0.0160	4.26%
032	Potassium (%)	92	91	0.9956	0.0637	0.9988	0.0509	0.0067	5.10%	0.0212	4.00%
033	Salt as chloride (%)	57	57	0.5953	0.0631	0.6023	0.0539	0.0089	8.95%	0.0247	4.32%
034	Selenium, Total (Se) (ppm)	21	18	0.4592	0.1525	0.4325	0.0935	0.0276	21.62%	0.0365	18.15%
035	Sodium (%)	88	87	0.1915	0.0161	0.1917	0.0117	0.0016	6.13%	0.0072	5.13%
036	Sulfur (%)	37	36	0.2276	0.0172	0.2278	0.0143	0.0030	6.27%	0.0096	5.00%

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037	Zinc (ppm)	87	86	109.3	11.07	110.1	8.970	1.209	8.15%	4.360	7.88%
038	Molybdenum (ppm)	25	24	3.246	0.3615	3.272	0.3317	0.0846	10.14%	0.1588	13.38%
040	Barium (ppm)	2	2	11.67	0.8425						
041	Vanadium (ppm)	1	1	0.7623							
042	Chloride (%)	8	8	0.3943	0.0439	0.3826	0.0158	0.0070	4.14%	0.0100	4.62%
102	Niacin (ppm)	1	1	30.75							
104	Riboflavin (ppm)	2	2	2.995	0.0990						
105	Thiamine (ppm)	2	2	3.413	0.8167						
106	Vitamin A (KU / kg)	12	10	3.471	1.333	3.246	0.8840	0.3494	27.24%	0.3548	
107	Vitamin B12 (ppb)	1		20.00							
108	Vitamin D3 (KU / kg)	7	4	1.729	0.0804	1.729	0.0804	0.0502	4.65%	0.2609	
109	Vitamin E (IU / kg)	10	7	24.85	14.28	20.78	4.888	2.310	23.52%	0.4617	
111	Vitamin C, Phosphorylated (ppm)	1		1.000							
112	Pyridoxine (µg / g)	1	1	4.305							
113	Folic Acid (ppm)	1		0.5000							
114	Biotin (ppm)	1	1	0.1790							
115	Non Protein N (NPN) (%)	3	3	0.9395	1.107	0.9395	1.107	0.6392	117.84%	0.0123	4.04%
120	Alanine (%)	25	24	0.7898	0.0325	0.7876	0.0282	0.0072	3.57%	0.0101	4.15%
121	Arginine (%)	25	24	1.036	0.0404	1.039	0.0384	0.0098	3.69%	0.0153	3.98%
122	Aspartic (%)	25	24	1.436	0.0698	1.435	0.0582	0.0148	4.06%	0.0320	3.79%
124	Cysteine/Cystine (%)	25	24	0.2734	0.0198	0.2744	0.0176	0.0045	6.43%	0.0068	4.86%
125	Glutamic (%)	25	24	3.027	0.1343	3.012	0.1091	0.0278	3.62%	0.0286	3.39%
126	Glycine (%)	25	24	0.7189	0.0760	0.7271	0.0230	0.0059	3.16%	0.0082	4.20%
127	Histidine (%)	25	24	0.4150	0.0186	0.4159	0.0168	0.0043	4.04%	0.0067	4.56%
128	Isoleucine (%)	25	24	0.5988	0.0311	0.6005	0.0279	0.0071	4.65%	0.0076	4.32%
129	Leucine (%)	25	25	1.204	0.0509	1.204	0.0547	0.0137	4.54%	0.0131	3.89%
130	L-Lysine (%)	28	27	0.7798	0.0342	0.7786	0.0357	0.0086	4.58%	0.0118	4.15%
131	Methionine (%)	26	26	0.2495	0.0165	0.2495	0.0156	0.0038	6.25%	0.0067	4.93%
132	Phenylalanine (%)	25	24	0.7221	0.0321	0.7254	0.0236	0.0060	3.25%	0.0101	4.20%
133	Proline (%)	24	24	1.001	0.0322	1.001	0.0318	0.0081	3.18%	0.0200	4.00%
134	Serine (%)	25	24	0.7406	0.0461	0.7450	0.0389	0.0099	5.23%	0.0092	4.18%
135	Threonine (%)	25	24	0.5659	0.0250	0.5657	0.0273	0.0070	4.82%	0.0081	4.36%
136	Tryptophan (%)	21	20	0.2381	0.0731	0.2259	0.0344	0.0096	15.22%	0.0061	5.00%
137	Tyrosine (%)	24	23	0.4761	0.0521	0.4804	0.0456	0.0119	9.49%	0.0106	4.47%
138	Valine (%)	25	24	0.7370	0.0339	0.7386	0.0236	0.0060	3.20%	0.0110	4.19%
139	Taurine (%)	7	2	0.0490	0.0552	0.0490	0.0552	0.0488	112.55%		6.30%
160	Fructose (%)	3	2	0.1950	0.0283	0.1950	0.0283	0.0200	14.50%	0.0400	5.12%
161	Galactose (%)	2	1	0.0150							
162	Glucose (%)	4	3	1.940	3.083	1.940	3.083	1.780	158.92%	0.2133	3.62%
163	Lactose (%)	2		0.0000							

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164	Maltose (%)	3	2	0.4125	0.1379	0.4125	0.1379	0.0975	33.43%	0.0350	4.57%
165	Sucrose (%)	3	3	2.887	0.1384	2.887	0.1384	0.0799	4.79%	0.1467	3.41%
166	Raffinose (%)	3	3	0.6850	0.1993	0.6850	0.1993	0.1150	29.09%	0.0367	4.23%
167	Stachyose (%)	3	3	0.9700	0.2485	0.9700	0.2485	0.1434	25.61%	0.0333	4.02%
373	Oxytetracycline (ppm)	8	8	428.1	84.63	428.1	95.97	42.41	22.42%	20.84	6.43%
400	Water Activity (Units)	14	14	0.5242	0.0220	0.5256	0.0152	0.0051	2.90%	0.0054	
516	Arsenic, Total (As) (ppm)	6	5	0.0997	0.0124	0.0997	0.0124	0.0069	12.40%	0.0105	22.00%
518	Cadmium (ppm)	11	11	0.1368	0.0311	0.1415	0.0222	0.0084	15.66%	0.0073	21.47%
520	Chromium, Total (Cr) (ppm)	15	14	4.144	1.350	4.162	1.492	0.4985	35.85%	0.0855	12.91%
526	Lead (ppm)	9	8	0.1319	0.0406	0.1318	0.0457	0.0202	34.65%	0.0144	21.70%
529	Mercury (ppb)	4	3	982.2	1,696	982.2	1,696	978.9	172.62%	0.1115	16.04%
539	Nickel (ppm)	9	9	3.899	4.097	2.700	0.5618	0.2341	20.80%	0.1172	13.78%
710	Lauric Acid (12:0) (%) (w/w)	1		0.0050							
714	Myristic Acid (14:0) (%) (w/w)	1		0.0050							
716	Palmitic Acid (16:0) (%) (w/w)	1	1	0.5249							
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	1	1	0.0048							
722	Stearic Acid (18:0) (%) (w/w)	1	1	0.0576							
724	Oleic Acid (9c-18:1) (%) (w/w)	1	1	0.6410							
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	1	1	1.734							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	1	1	0.1317							
730	Arachidic Acid (20:0) (%) (w/w)	1	1	0.0084							
732	Gondoic Acid (11c-20:1) (%) (w/w)	1	1	0.0175							
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	0.0075							
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	0.0092							
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	3.136							

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.