



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme
Pig Feed, Medicated
Test Material Code # 202529

Analyte Summary Report

Labs Reporting: 155
Analytes Reported: 113
Issue Date : 10/31/2025

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 (%)	66	65	8.830	0.3412	8.831	0.2693	0.0418	3.05%	0.1118	2.88%
002	Protein, Crude (%)	158	154	16.66	0.3300	16.66	0.2423	0.0244	1.45%	0.1350	2.45%
003	Fat, Crude (%)	129	127	3.299	0.3573	3.314	0.3112	0.0345	9.39%	0.0924	3.34%
004	Fiber, Crude (%)	115	113	3.560	0.4330	3.528	0.3352	0.0394	9.50%	0.1255	3.31%
005	Ash (%)	123	119	6.530	0.3532	6.533	0.1902	0.0218	2.91%	0.0674	3.02%
006	Total Sugars (%)	7	7	6.141	3.362	5.350	1.695	0.8010	31.69%	0.3625	3.11%
008	Fiber, Acid Detergent (%)	61	59	4.993	0.4996	4.986	0.5377	0.0875	10.79%	0.1836	3.14%
009	Fiber, Neutral Detergent (%)	55	54	13.43	1.052	13.40	1.112	0.1891	8.30%	0.3739	2.71%
010	Moisture (%)	23	23	9.183	0.7778	9.156	0.8230	0.2145	8.99%	0.1678	2.87%
011	Loss on Drying, HT (%)	65	63	9.773	0.5235	9.821	0.4785	0.0754	4.87%	0.1217	2.84%
012	Starch (%)	37	36	38.36	2.652	38.65	2.271	0.4731	5.87%	0.4900	1.61%
013	Fat, Pretreat (%)	53	52	4.168	0.7129	4.155	0.6334	0.1098	15.24%	0.2035	3.23%
014	Fiber, Total Dietary (%)	2	2	20.77	5.457						
015	Aluminum (ppm)	18	18	194.9	45.21	197.0	46.57	13.72	23.64%	6.355	7.22%
017	Boron (ppm)	19	17	8.182	0.9141	8.106	0.8501	0.2577	10.49%	0.3863	11.67%
019	Calcium (%)	119	117	1.020	0.0627	1.022	0.0508	0.0059	4.97%	0.0243	3.99%
021	Cobalt (ppm)	31	30	2.532	0.3328	2.550	0.3289	0.0751	12.90%	0.1245	13.89%
022	Copper (ppm)	89	88	63.58	8.061	63.33	6.322	0.8424	9.98%	2.012	8.57%
024	Iodine (ppm)	1	1	1.345							
025	Iron (ppm)	86	85	409.9	57.13	411.2	42.12	5.710	10.24%	11.30	6.47%
027	Magnesium (%)	88	86	0.2434	0.0173	0.2448	0.0119	0.0016	4.88%	0.0095	4.94%
028	Manganese (ppm)	89	87	153.7	14.13	155.2	9.926	1.330	6.40%	4.542	7.49%
030	Nitrate (%)	1	1	0.0021							
031	Phosphorus (%)	116	115	0.6980	0.0463	0.6999	0.0320	0.0037	4.58%	0.0174	4.22%
032	Potassium (%)	88	88	0.9406	0.0640	0.9452	0.0528	0.0070	5.59%	0.0268	4.03%
033	Salt as chloride (%)	56	54	0.8681	0.0490	0.8719	0.0460	0.0078	5.28%	0.0179	4.08%
034	Selenium, Total (Se) (ppm)	22	20	2.457	2.029	2.181	0.5456	0.1525	25.02%	0.1066	14.23%
035	Sodium (%)	75	73	0.3265	0.0285	0.3273	0.0166	0.0024	5.08%	0.0116	4.73%
036	Sulfur (%)	52	51	0.3180	0.0271	0.3190	0.0247	0.0043	7.76%	0.0143	4.75%

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037	Zinc (ppm)	89	87	220.5	26.63	222.0	18.23	2.443	8.21%	5.811	7.09%
038	Molybdenum (ppm)	20	19	1.416	0.2682	1.432	0.2627	0.0753	18.34%	0.1334	15.15%
040	Barium (ppm)	3	3	7.031	0.5813	7.031	0.5813	0.3356	8.27%	0.0499	11.93%
041	Vanadium (ppm)	1	1	0.9545							
042	Chloride (%)	12	11	0.5333	0.0512	0.5372	0.0396	0.0149	7.36%	0.0127	4.39%
101	Choline Chloride (ppm)	1	1	1,405							
102	Niacin (ppm)	2	2	48.33	24.29						
103	Pantothenic Acid (ppm)	1	1	19.95							
104	Riboflavin (ppm)	2	2	8.460	3.189						
105	Thiamine (ppm)	2	2	4.150	1.754						
106	Vitamin A (KU / kg)	14	12	15.46	4.860	15.45	5.504	1.986	35.61%	2.592	
107	Vitamin B12 (ppb)	1	1	20.40							
108	Vitamin D3 (KU / kg)	7	6	6.117	0.4415	6.117	0.5006	0.2555	8.18%	0.7873	
109	Vitamin E (IU / kg)	12	11	77.89	9.587	78.81	8.535	3.217	10.83%	3.027	
111	Vitamin C, Phosphorylated (ppm)	1		4.400							
112	Pyridoxine (µg / g)	2	2	3.335	1.124						
113	Folic Acid (ppm)	2	2	1.248	0.5264						
114	Biotin (ppm)	1	1	0.2920							
115	Non Protein N (NPN) (%)	3	3	0.9177	1.178	0.9177	1.178	0.6799	128.33%	0.0224	4.05%
120	Alanine (%)	24	24	0.8306	0.0367	0.8305	0.0236	0.0060	2.84%	0.0087	4.11%
121	Arginine (%)	24	24	1.021	0.0418	1.018	0.0407	0.0104	4.00%	0.0148	3.99%
122	Aspartic (%)	24	24	1.541	0.1186	1.528	0.0438	0.0112	2.87%	0.0185	3.75%
124	Cysteine/Cystine (%)	24	23	0.2697	0.0229	0.2692	0.0208	0.0054	7.72%	0.0061	4.87%
125	Glutamic (%)	24	24	2.999	0.1277	3.003	0.0937	0.0239	3.12%	0.0512	3.39%
126	Glycine (%)	24	23	0.7117	0.0166	0.7099	0.0138	0.0036	1.94%	0.0078	4.21%
127	Histidine (%)	24	23	0.4206	0.0202	0.4220	0.0175	0.0046	4.14%	0.0071	4.55%
128	Isoleucine (%)	24	24	0.6418	0.0389	0.6407	0.0346	0.0088	5.40%	0.0161	4.28%
129	Leucine (%)	24	24	1.318	0.0354	1.319	0.0335	0.0086	2.54%	0.0166	3.84%
130	L-Lysine (%)	26	26	0.7996	0.0478	0.7983	0.0420	0.0103	5.26%	0.0095	4.14%
131	Methionine (%)	24	24	0.2548	0.0287	0.2518	0.0144	0.0037	5.70%	0.0048	4.92%
132	Phenylalanine (%)	24	23	0.7660	0.0360	0.7663	0.0342	0.0089	4.46%	0.0117	4.16%
133	Proline (%)	23	22	1.003	0.0399	1.003	0.0416	0.0111	4.15%	0.0118	4.00%
134	Serine (%)	23	23	0.7746	0.0491	0.7751	0.0382	0.0099	4.92%	0.0116	4.16%
135	Threonine (%)	24	23	0.6022	0.0334	0.5990	0.0263	0.0069	4.40%	0.0083	4.32%
136	Tryptophan (%)	20	20	0.2018	0.0240	0.2015	0.0234	0.0066	11.63%	0.0045	5.09%
137	Tyrosine (%)	22	22	0.5055	0.0503	0.5061	0.0464	0.0124	9.16%	0.0185	4.43%
138	Valine (%)	24	24	0.7535	0.0392	0.7533	0.0286	0.0073	3.80%	0.0171	4.17%
139	Taurine (%)	6	3	0.1382	0.0754	0.1382	0.0754	0.0544	54.56%	0.0055	5.39%
160	Fructose (%)	3	3	0.3750	0.1153	0.3750	0.1153	0.0666	30.75%	0.0700	4.64%
161	Galactose (%)	2	1	0.0040							

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162	Glucose (%)	4	3	0.3533	0.0884	0.3533	0.0884	0.0510	25.01%	0.0267	4.68%
163	Lactose (%)	3	2	0.1125	0.0106	0.1125	0.0106	0.0075	9.43%		5.56%
164	Maltose (%)	3	2	0.2550	0.0141	0.2550	0.0141	0.0100	5.55%	0.0300	4.91%
165	Sucrose (%)	3	3	2.513	0.0729	2.513	0.0729	0.0421	2.90%	0.1133	3.48%
166	Raffinose (%)	3	3	0.4117	0.0325	0.4117	0.0325	0.0188	7.90%		4.57%
167	Stachyose (%)	3	3	1.118	0.2448	1.118	0.2448	0.1413	21.89%	0.0350	3.93%
391	Narasin (ppm)	9	9	190.6	53.31	194.9	49.97	20.82	25.63%	7.879	7.23%
400	Water Activity (Units)	11	10	0.4926	0.0267	0.4919	0.0125	0.0049	2.53%	0.0074	
516	Arsenic, Total (As) (ppm)	6	4	0.0837	0.0391	0.0837	0.0391	0.0244	46.71%	0.0061	22.00%
518	Cadmium (ppm)	10	9	0.1127	0.0172	0.1160	0.0103	0.0043	8.90%	0.0015	22.00%
520	Chromium, Total (Cr) (ppm)	12	12	5.986	0.9215	6.016	0.9760	0.3522	16.22%	0.3631	12.21%
526	Lead (ppm)	8	7	0.3354	0.4314	0.2260	0.1923	0.0909	85.10%	0.0113	20.01%
529	Mercury (ppb)	4	2	5.582	2.237	5.582	2.237	1.582	40.08%	1.153	22.00%
539	Nickel (ppm)	11	10	4.662	5.496	3.082	1.008	0.3986	32.72%	0.1443	13.50%
702	Butyric Acid (4:0) (%)	1		0.0000							
704	Caproic Acid (6:0) (%)	1		0.0005							
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))	2	1	0.0010							
714	Myristic Acid (14:0) (%) (w/w))	2	2	0.0051	0.0001						
716	Palmitic Acid (16:0) (%) (w/w))	2	2	0.5680	0.0233						
718	Palmitoleic Acid (9c-16:1) (%) (w/w))	2	2	0.0074	0.0006						
720	Margaric acid (17:0) (%) (w/w))	1	1	0.0040							
722	Stearic Acid (18:0) (%) (w/w))	2	2	0.1014	0.0097						
724	Oleic Acid (9c-18:1) (%) (w/w))	2	2	0.8266	0.0581						
726	Linoleic Acid (9c,12c-18:2) (%) (w/w))	2	2	1.923	0.1183						
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w))	2	2	0.1300	0.0120						
730	Arachidic Acid (20:0) (%) (w/w))	2	2	0.0118	0.0003						
732	Gondoic Acid (11c-20:1) (%) (w/w))	2	2	0.0133	0.0018						
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	2	0.0086	0.0001						
744	Erucic Acid (13c-22:1) (%) (w/w))	2	1	0.0020							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w))	2	1	0.0020							
748	Lignoceric Acid (24:0) (%) (w/w))	2	2	0.0093	0.0011						
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w))	2		0.0005							
752	Nervonic Acid (24:1) isomers (%) (w/w))	2		0.0035							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%) (w/w))	1	1	0.1250							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%) (w/w))	1	1	1.844							
758	Total Saturated Fatty Acids (%) (w/w))	1	1	0.6895							

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764	Total cis Monounsaturated Fatty Acids (% (w/w))	1	1	0.8555							
768	Total cis Polyunsaturated Fatty Acids (% (w/w))	1	1	1.975							
770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	3.697							
772	Total Fatty Acids (% (w/w))	2	2	3.649	0.1614						

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.