

Animal Feed Scheme
Porcine Feed, Medicated
Test Material Code # 201922
Labs Reporting: 187
Analyte Summary Report
Analytes Reported: 112
Issue Date : 03/31/2019

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 (%)	2	1	0.1000							
001	Loss on Drying (%)	78	75	8.728	0.5068	8.732	0.3338	0.0482	3.82%	0.1286	2.89%
002	Protein, Crude (%)	188	187	18.53	0.6446	18.44	0.2791	0.0255	1.51%	0.1594	2.33%
003	Fat, Crude (%)	145	144	4.076	0.5171	4.100	0.5058	0.0527	12.34%	0.1088	3.23%
004	Fiber, Crude (%)	123	121	2.836	0.4775	2.830	0.4037	0.0459	14.26%	0.1208	3.42%
005	Ash (%)	139	136	9.689	0.4841	9.716	0.3972	0.0426	4.09%	0.1033	2.84%
006	Total Sugars (%)	7	7	7.905	0.7323	7.880	0.7720	0.3648	9.80%	0.5094	2.93%
008	Fiber, Acid Detergent (%)	60	60	4.083	0.5809	4.079	0.5509	0.0889	13.51%	0.1232	3.24%
009	Fiber, Neutral Detergent (%)	61	60	7.710	1.184	7.586	0.8892	0.1435	11.72%	0.2301	2.95%
010	Moisture (%)	24	23	8.980	0.5947	8.924	0.5190	0.1353	5.82%	0.1026	2.88%
011	Loss on Drying (%)	71	70	9.509	0.4522	9.566	0.3147	0.0470	3.29%	0.0794	2.85%
012	Starch (%)	42	41	36.18	2.665	36.53	1.808	0.3529	4.95%	0.4791	1.65%
013	Fat, Acid Pretreat (%)	49	48	5.027	0.5197	5.035	0.5330	0.0962	10.59%	0.1401	3.14%
015	Aluminum (mg / kg (ppm))	14	14	173.9	17.11	174.6	18.00	6.014	10.31%	6.774	7.36%
017	Boron (mg / kg (ppm))	15	15	10.53	2.568	10.80	1.705	0.5504	15.79%	0.5824	11.18%
019	Calcium (%)	141	137	2.364	0.1705	2.377	0.1218	0.0130	5.13%	0.0521	3.51%
021	Cobalt (mg / kg (ppm))	23	22	1.143	0.2391	1.147	0.2627	0.0700	22.90%	0.0516	15.67%
022	Copper (mg / kg (ppm))	96	95	197.8	30.38	199.0	23.31	2.990	11.71%	5.114	7.21%
025	Iron (mg / kg (ppm))	87	84	768.2	130.5	786.3	65.02	8.867	8.27%	19.74	5.86%
027	Magnesium (%)	96	94	0.1599	0.0136	0.1594	0.0118	0.0015	7.40%	0.0044	5.27%
028	Manganese (mg / kg (ppm))	94	92	115.6	14.14	115.9	9.701	1.264	8.37%	3.871	7.82%
031	Phosphorus (%)	133	131	0.8846	0.0551	0.8857	0.0379	0.0041	4.28%	0.0164	4.07%
032	Potassium (%)	101	99	0.9239	0.0625	0.9272	0.0489	0.0061	5.27%	0.0191	4.05%
033	Salt as chloride (%)	74	72	1.015	0.0876	1.025	0.0663	0.0098	6.47%	0.0232	3.98%
034	Selenium (mg / kg (ppm))	27	24	1.127	0.3250	1.120	0.2925	0.0746	26.11%	0.0545	15.73%
035	Sodium (%)	99	98	0.3553	0.0244	0.3535	0.0195	0.0025	5.53%	0.0109	4.68%
036	Sulfur (%)	49	49	0.2640	0.0368	0.2647	0.0212	0.0038	8.00%	0.0088	4.89%
037	Zinc (mg / kg (ppm))	98	96	393.9	44.56	397.2	27.51	3.510	6.93%	11.36	6.50%
038	Molybdenum (mg / kg (ppm))	21	20	1.521	0.5424	1.471	0.2248	0.0628	15.28%	0.1731	15.09%
040	Barium (mg / kg (ppm))	3	3	4.150	0.2734	4.150	0.2734	0.1578	6.59%	0.0438	12.91%

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041	Vanadium (mg / kg (ppm))	1	1	2.555							
042	Chloride (%)	2	2	0.6510	0.0269						
101	Choline Chloride (mg / kg (ppm))	2	2	1,374	236.9						
102	Niacin (mg / kg (ppm))	4	4	97.03	27.33	97.03	27.33	13.67	28.17%	2.923	8.04%
103	Pantothenic Acid (mg / kg (ppm))	3	3	81.45	30.06	81.45	30.06	17.35	36.91%	7.937	8.25%
104	Riboflavin (mg / kg (ppm))	6	6	19.73	4.565	19.88	4.836	2.468	24.33%	1.600	10.20%
105	Thiamine (mg / kg (ppm))	2	2	3.063	0.8238						
106	Vitamin A (KU / kg)	17	16	6.114	2.388	6.170	2.583	0.8073	41.87%	0.9479	
107	Vitamin B12 (µg / kg (ppb))	2	2	30.65	18.88						
108	Vitamin D3 (KU / kg)	7	6	6.748	9.181	6.307	9.367	4.780	148.53%	0.1613	
109	Vitamin E (IU / kg)	13	13	100.9	30.45	103.7	14.26	4.945	13.75%	4.889	
112	Pyridoxine (µg / g)	1	1	2.605							
113	Folic Acid (mg / kg (ppm))	2	2	0.9775	0.3217						
114	Biotin (mg / kg (ppm))	1	1	0.3190							
118	Peroxide value (meq/kg)	1	1	3.680							
120	Alanine (%)	35	34	0.9202	0.0460	0.9200	0.0358	0.0077	3.89%	0.0173	4.05%
121	Arginine (%)	34	33	1.168	0.0803	1.175	0.0437	0.0095	3.72%	0.0194	3.90%
122	Aspartic (%)	34	33	1.861	0.1140	1.870	0.0674	0.0147	3.60%	0.0308	3.64%
124	Cysteine/Cystine (%)	34	33	0.2903	0.0485	0.2914	0.0363	0.0079	12.47%	0.0071	4.82%
125	Glutamic (%)	35	34	3.213	0.1799	3.213	0.1641	0.0352	5.11%	0.0420	3.36%
126	Glycine (%)	35	32	0.7936	0.0335	0.7971	0.0272	0.0060	3.41%	0.0145	4.14%
127	Histidine (%)	35	33	0.4670	0.0352	0.4701	0.0130	0.0028	2.76%	0.0119	4.48%
128	Isoleucine (%)	36	35	0.7580	0.0462	0.7617	0.0427	0.0090	5.61%	0.0160	4.17%
129	Leucine (%)	36	35	1.526	0.1181	1.513	0.0515	0.0109	3.40%	0.0271	3.76%
130	L-Lysine (%)	36	35	1.126	0.0566	1.124	0.0443	0.0094	3.94%	0.0192	3.93%
131	Methionine (%)	37	37	0.2923	0.0379	0.2870	0.0192	0.0039	6.68%	0.0069	4.83%
132	Phenylalanine (%)	34	32	0.8723	0.0599	0.8727	0.0542	0.0120	6.21%	0.0158	4.08%
133	Proline (%)	34	33	1.048	0.0831	1.037	0.0609	0.0133	5.88%	0.0321	3.98%
134	Serine (%)	34	34	0.9025	0.0564	0.9032	0.0557	0.0119	6.17%	0.0164	4.06%
135	Threonine (%)	36	35	0.7153	0.0340	0.7135	0.0289	0.0061	4.05%	0.0123	4.21%
136	Tryptophan (%)	27	26	0.2195	0.0476	0.2207	0.0202	0.0050	9.16%	0.0068	5.02%
137	Tyrosine (%)	29	28	0.6107	0.0962	0.6152	0.0735	0.0174	11.94%	0.0174	4.30%
138	Valine (%)	36	36	0.8399	0.0600	0.8436	0.0582	0.0121	6.90%	0.0189	4.10%
139	Taurine (%)	4	3	0.1042	0.1003	0.1042	0.1003	0.0579	96.28%	0.0070	5.62%
150	Phytase (Units / kg)	6	6	952.0	457.5	948.8	511.3	260.9	53.89%	59.82	
160	Fructose (%)	5	4	0.1935	0.1260	0.1935	0.1260	0.0630	65.10%	0.0095	5.12%
161	Galactose (%)	2	1	0.0250							
162	Glucose (%)	5	3	0.1348	0.0222	0.1348	0.0222	0.0128	16.43%	0.0243	5.41%
163	Lactose (%)	6	6	3.399	0.2530	3.399	0.2869	0.1464	8.44%	0.1618	3.33%
164	Maltose (%)	4	2	0.0983	0.0187	0.0983	0.0187	0.0133	19.07%	0.0205	5.67%

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165	Sucrose (%)	6	5	3.825	0.3991	3.825	0.3991	0.0522	10.43%	0.0816	3.27%
166	Raffinose (%)	4	4	0.5165	0.0825	0.5165	0.0825	0.0413	15.98%	0.0845	4.42%
167	Stachyose (%)	3	3	1.353	0.0583	1.353	0.0583	0.0336	4.31%	0.0317	3.82%
350	Carbadox (mg/kg (ppm))	8	8	72.02	60.12	59.58	34.30	15.16	57.57%	4.529	8.65%
357	Ethoxyquin (mg/kg (ppm))	1	1	1.135							
373	Oxytetracycline (mg/kg (ppm))	4	3	0.7142	0.6024	0.7142	0.6024	0.3478	84.35%	0.1030	16.83%
377	Pyrantel Tartrate (mg/kg (ppm))	1	1	408.0							
386	Tiamulin (mg/kg (ppm))	9	9	91.07	35.29	95.12	29.78	12.41	31.31%	3.737	8.06%
388	Tylosin (mg/kg (ppm))	10	9	81.42	39.34	81.33	38.96	16.23	47.90%	3.296	8.25%
389	Virginiamycin (mg/kg (ppm))	1	1	105.9							
400	Water Activity (Units)	8	8	0.5022	0.0496	0.4903	0.0227	0.0100	4.62%	0.0064	
412	Starch, Dietary (%)	1	1	34.49							
516	Arsenic, Total (mg / kg (ppm))	12	11	0.3524	0.0435	0.3515	0.0474	0.0179	13.48%	0.0271	18.72%
518	Cadmium (mg / kg (ppm))	16	14	0.1615	0.0138	0.1615	0.0157	0.0052	9.69%	0.0073	21.05%
520	Chromium (mg / kg (ppm))	12	11	4.976	1.010	4.976	1.146	0.4318	23.02%	0.2358	12.56%
526	Lead (mg / kg (ppm))	13	11	0.1713	0.0390	0.1714	0.0392	0.0148	22.87%	0.0085	20.86%
529	Mercury (µg / kg (ppb))	2	1	2.469							
539	Nickel (mg / kg (ppm))	6	6	3.806	0.3597	3.806	0.4079	0.2081	10.72%	0.1393	13.08%
710	Lauric Acid (12:0) (% (w/w))	2	1	0.0060							
714	Myristic Acid (14:0) (% (w/w))	2	2	0.0520	0.0042						
716	Palmitic Acid (16:0) (% (w/w))	2	2	0.8475	0.0318						
718	Palmitoleic Acid (9c-16:1) (% (w/w))	2	2	0.0808	0.0131						
722	Stearic Acid (18:0) (% (w/w))	2	2	0.2370	0.0028						
724	Oleic Acid (9c-18:1) (% (w/w))	2	2	1.296	0.0230						
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	2	2	1.550	0.0134						
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	2	2	0.0808	0.0011						
730	Arachidic Acid (20:0) (% (w/w))	2	1	0.0125							
732	Gondoic Acid (11c-20:1) (% (w/w))	2	2	0.0228	0.0032						
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	1	1	0.0155							
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	1	0.0040							
748	Lignoceric Acid (24:0) (% (w/w))	1	1	0.0095							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (% (w/w))	1	1	0.0175							
752	Nervonic Acid (24:1) isomers (% (w/w))	1		0.0050							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	1	1	0.1300							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	1	1	1.550							
758	Total Saturated Fatty Acids (% (w/w))	1	1	1.230							
762	Total Monounsaturated Fatty Acids (% (w/w))	1	1	1.495							
766	Total Polyunsaturated Fatty Acids (% (w/w))	1	1	1.695							

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770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	4.650							
772	Total Fatty Acids (% (w/w))	2	2	4.337	0.1524						

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.