

Animal Feed Scheme
Pig Feed, Medicated
Test Material Code # 201823
Analyte Summary Report
Analytes Reported: 119
Labs Reporting: 194
Issue Date : 04/30/2018

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 (%)	1	1	0.15000							
001	Loss on Drying (%)	75	73	8.1897	0.43215	8.2282	0.27623	0.04041	3.36%	0.11028	2.91%
002	Protein, Crude (%)	197	195	18.678	0.77697	18.610	0.31768	0.02844	1.71%	0.19568	2.32%
003	Fat, Crude (%)	153	150	3.3119	0.49109	3.3223	0.49142	0.05016	14.79%	0.09617	3.34%
004	Fiber, Crude (%)	128	125	3.8568	0.51302	3.8103	0.39167	0.04379	10.28%	0.16501	3.27%
005	Ash (%)	147	143	14.797	0.89934	14.932	0.57745	0.06036	3.87%	0.14447	2.59%
006	Total Sugars (%)	6	6	5.5068	0.78694	5.5657	0.75130	0.38339	13.50%	0.51058	3.09%
008	Fiber, Acid Detergent (%)	60	58	5.2818	0.81230	5.2305	0.61568	0.10105	11.77%	0.19403	3.12%
009	Fiber, Neutral Detergent (%)	58	58	10.587	1.1757	10.542	0.97806	0.16053	9.28%	0.31942	2.81%
010	Moisture (%)	30	29	8.5530	0.68912	8.5107	0.51972	0.12064	6.11%	0.09186	2.90%
011	Loss on Drying (%)	69	68	9.0752	0.45332	9.1117	0.32085	0.04864	3.52%	0.09423	2.87%
012	Starch (%)	43	43	30.300	2.6213	30.394	2.2355	0.42614	7.36%	0.40545	1.81%
013	Fat, Acid Pretreat (%)	51	51	4.4223	0.51497	4.4187	0.57301	0.10030	12.97%	0.17191	3.20%
015	Aluminum (mg / kg (ppm))	13	13	228.03	31.851	228.56	34.959	12.120	15.30%	8.0467	7.06%
017	Boron (mg / kg (ppm))	16	16	13.080	2.9145	12.901	1.3882	0.43380	10.76%	0.52813	10.89%
019	Calcium (%)	150	147	4.0192	0.27770	4.0261	0.21747	0.02242	5.40%	0.09081	3.24%
021	Cobalt (mg / kg (ppm))	20	18	1.6065	0.40485	1.6222	0.37304	0.10991	23.00%	0.08482	14.87%
022	Copper (mg / kg (ppm))	100	99	187.93	25.838	190.74	17.571	2.2075	9.21%	6.2969	7.26%
023	Fluorine (mg / kg (ppm))	1	1	58.700							
024	Iodine (mg / kg (ppm))	2	2	3.1275	0.60458						
025	Iron (mg / kg (ppm))	89	87	1,142.0	227.64	1,181.5	104.77	14.040	8.87%	35.504	5.52%
027	Magnesium (%)	100	99	0.21727	0.01768	0.21593	0.01136	0.00143	5.26%	0.00696	5.04%
028	Manganese (mg / kg (ppm))	101	99	181.11	15.565	181.89	10.805	1.3574	5.94%	6.1147	7.31%
031	Phosphorus (%)	146	144	1.1347	0.06855	1.1362	0.05193	0.00541	4.57%	0.03194	3.92%
032	Potassium (%)	103	100	0.92392	0.07092	0.92175	0.04640	0.00580	5.03%	0.02186	4.05%
033	Salt as chloride (%)	74	73	1.9889	0.17085	2.0065	0.10089	0.01476	5.03%	0.02938	3.60%
034	Selenium (mg / kg (ppm))	22	21	2.2228	0.53546	2.2307	0.48622	0.13263	21.80%	0.13799	14.18%
035	Sodium (%)	108	107	0.73006	0.05304	0.73287	0.04682	0.00566	6.39%	0.01959	4.19%
036	Sulfur (%)	45	44	0.29497	0.04133	0.29543	0.02829	0.00533	9.58%	0.01015	4.81%
037	Zinc (mg / kg (ppm))	102	98	630.72	63.085	634.52	42.354	5.3480	6.67%	16.967	6.06%
038	Molybdenum (mg / kg (ppm))	21	19	2.0638	0.41269	2.0476	0.42915	0.12307	20.96%	0.07626	14.36%
040	Barium (mg / kg (ppm))	2	2	4.5853	0.50159						

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041	Vanadium (mg / kg (ppm))	1	1	4.1500							
042	Chloride (%)	4	4	1.2448	0.07153	1.2448	0.07153	0.04471	5.75%	0.03500	3.87%
101	Choline Chloride (mg / kg (ppm))	4	4	2,062.3	728.59	2,062.3	728.59	455.37	35.33%	131.71	5.07%
102	Niacin (mg / kg (ppm))	2	2	150.00	52.326						
103	Pantothenic Acid (mg / kg (ppm))	2	2	109.80	33.517						
104	Riboflavin (mg / kg (ppm))	5	5	30.568	6.0727	30.568	6.0727	3.3947	19.87%	1.3461	9.56%
105	Thiamine (mg / kg (ppm))	4	4	6.9238	3.4183	6.9238	3.4183	2.1364	49.37%	0.78250	11.96%
106	Vitamin A (KU / kg)	22	22	24.504	6.9081	24.468	7.2701	1.9375	29.71%	3.4444	
107	Vitamin B12 (µg / kg (ppb))	2	2	84.125	11.844						
108	Vitamin D3 (KU / kg)	5	5	3.6590	0.60643	3.6590	0.60643	0.33900	16.57%	1.4460	
109	Vitamin E (IU / kg)	17	17	127.00	43.662	119.78	26.100	7.9128	21.79%	4.6337	
112	Pyridoxine (µg / g)	2	2	1.7775	2.1956						
113	Folic Acid (mg / kg (ppm))	2	2	1.7875	0.19445						
114	Biotin (mg / kg (ppm))	2	2	0.23625	0.02298						
115	Non Protein N (NPN) (%)	1	1	0.33500							
120	Alanine (%)	28	27	0.91709	0.06650	0.91821	0.03997	0.00961	4.35%	0.01286	4.05%
121	Arginine (%)	27	27	1.1810	0.04531	1.1823	0.04325	0.01040	3.66%	0.03052	3.90%
122	Aspartic (%)	28	27	1.8275	0.05620	1.8256	0.04250	0.01022	2.33%	0.04174	3.65%
124	Cysteine/Cystine (%)	29	28	0.30132	0.02752	0.30091	0.02257	0.00533	7.50%	0.01194	4.79%
125	Glutamic (%)	28	27	3.2988	0.26958	3.3283	0.13552	0.03260	4.07%	0.04883	3.34%
126	Glycine (%)	28	28	0.79685	0.09447	0.79152	0.03966	0.00937	5.01%	0.01877	4.14%
127	Histidine (%)	28	28	0.48079	0.03609	0.47963	0.02374	0.00561	4.95%	0.01252	4.47%
128	Isoleucine (%)	28	28	0.75066	0.05292	0.75644	0.04487	0.01060	5.93%	0.01976	4.17%
129	Leucine (%)	28	27	1.5124	0.06444	1.5101	0.05002	0.01203	3.31%	0.01872	3.76%
130	L-Lysine (%)	34	34	1.1017	0.07995	1.0959	0.05039	0.01080	4.60%	0.03248	3.94%
131	Methionine (%)	31	30	0.27219	0.04212	0.27226	0.01934	0.00441	7.10%	0.01008	4.86%
132	Phenylalanine (%)	28	28	0.88054	0.04779	0.87899	0.04335	0.01024	4.93%	0.02189	4.08%
133	Proline (%)	27	26	1.0768	0.07142	1.0764	0.07246	0.01776	6.73%	0.03332	3.96%
134	Serine (%)	28	27	0.89439	0.05981	0.89693	0.04846	0.01166	5.40%	0.01553	4.07%
135	Threonine (%)	29	29	0.70387	0.03364	0.70006	0.02793	0.00648	3.99%	0.01566	4.22%
136	Tryptophan (%)	16	16	0.21660	0.02646	0.21899	0.02406	0.00752	10.99%	0.00497	5.03%
137	Tyrosine (%)	22	22	0.59872	0.10064	0.59982	0.09479	0.02526	15.80%	0.03080	4.32%
138	Valine (%)	28	27	0.85414	0.05367	0.85883	0.04991	0.01201	5.81%	0.01594	4.09%
139	Taurine (%)	3	1								
150	Phytase (Units / kg)	4	4	2,520.3	1,370.6	2,520.3	1,370.6	856.63	54.38%	87.500	
160	Fructose (%)	4	3	0.21647	0.03349	0.21647	0.03349	0.02417	15.47%	0.00893	5.04%
162	Glucose (%)	4	4	0.23001	0.07131	0.23001	0.07131	0.04457	31.00%	0.08378	4.99%
163	Lactose (%)	5	4	1.1246	0.01954	1.1246	0.01954	0.01221	1.74%	0.06923	3.93%
164	Maltose (%)	5	3	0.53767	0.40119	0.53767	0.40119	0.28953	74.62%	0.14673	4.39%
165	Sucrose (%)	5	4	2.9163	0.24904	2.9163	0.24904	0.15565	8.54%	0.08250	3.40%

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166	Raffinose (%)	1	1	0.43000							
167	Stachyose (%)	1	1	1.3600							
348	Bacitracin (mg/kg (ppm))	1	1	168.69							
350	Carbadox (mg/kg (ppm))	5	4	22.675	2.8221	22.675	2.8221	1.7638	12.45%	0.60000	10.00%
351	Chlortetracycline (mg/kg (ppm))	21	20	70.415	16.883	69.975	15.981	4.4669	22.84%	2.8929	8.44%
357	Ethoxyquin (mg/kg (ppm))	1	1	0.32000							
377	Pyrantel Tartrate (mg/kg (ppm))	3	3	63.045	28.894	63.045	28.894	20.852	45.83%	3.2433	8.57%
382	Sulfamethazine (mg/kg (ppm))	6	5	78.934	18.905	78.934	18.905	10.568	23.95%	1.9760	8.29%
386	Tiamulin (mg/kg (ppm))	7	7	144.19	26.332	144.19	29.860	14.108	20.71%	2.9071	7.57%
400	Water Activity (Units)	9	9	0.49644	0.02599	0.49736	0.02737	0.01141	5.50%	0.00430	
412	Starch, Dietary (%)	1	1	30.040							
516	Arsenic, Total (mg / kg (ppm))	8	8	0.47225	0.06108	0.46885	0.06132	0.02710	13.08%	0.02293	17.93%
518	Cadmium (mg / kg (ppm))	7	7	0.27698	0.03051	0.27698	0.03460	0.01635	12.49%	0.02219	19.41%
520	Chromium (mg / kg (ppm))	9	9	6.8160	1.6018	6.8160	1.8165	0.75687	26.65%	0.68317	11.98%
526	Lead (mg / kg (ppm))	8	7	0.37985	0.14690	0.33243	0.03074	0.01452	9.25%	0.00759	18.88%
539	Nickel (mg / kg (ppm))	4	4	3.6196	0.60798	3.6196	0.60798	0.37999	16.80%	0.15125	13.18%
702	Butyric Acid (4:0) (%)	1		0.01000							
703	Valeric Acid (5:0) (%)	1	1	0.17000							
704	Caproic Acid (6:0) (%)	1	1	0.25000							
706	Caprylic acid (8:0) (%) (w/w)	1	1	0.00210							
708	Capric acid (10:0) (%) (w/w)	1	1	0.00145							
710	Lauric Acid (12:0) (%) (w/w)	3	3	0.00507	0.00428	0.00507	0.00428	0.00309	84.42%	0.00013	
714	Myristic Acid (14:0) (%) (w/w)	3	3	0.02260	0.00416	0.02260	0.00416	0.00300	18.41%	0.00440	
716	Palmitic Acid (16:0) (%) (w/w)	3	3	0.72358	0.08395	0.72358	0.08395	0.06059	11.60%	0.05577	
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	4	4	0.03366	0.00935	0.03366	0.00935	0.00584	27.78%	0.00778	
720	Margaric acid (17:0) (%) (w/w)	1	1	0.00745							
722	Stearic Acid (18:0) (%) (w/w)	3	3	0.18168	0.02696	0.18168	0.02696	0.01946	14.84%	0.01610	
724	Oleic Acid (9c-18:1) (%) (w/w)	3	3	1.1371	0.20773	1.1371	0.20773	0.14992	18.27%	0.07080	
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	4	4	1.5796	0.05164	1.5796	0.05164	0.03228	3.27%	0.11775	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	4	4	0.10526	0.01870	0.10526	0.01870	0.01169	17.77%	0.00758	
730	Arachidic Acid (20:0) (%) (w/w)	2	2	0.01595	0.00488						
732	Gondoic Acid (11c-20:1) (%) (w/w)	2	2	0.01798	0.00788						
738	Mead Acid (11c,14c,17c-20:3) (%) (w/w)	1		0.01000							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%) (w/w)	2	1	0.00260							
742	Behenic Acid (22:0) (%) (w/w)	3	3	0.01007	0.00130	0.01007	0.00130	0.00094	12.91%	0.00060	
744	Erucic Acid (13c-22:1) (%) (w/w)	2		0.00000							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w)	2		0.00000							
748	Lignoceric Acid (24:0) (%) (w/w)	2	2	0.00868	0.00131						
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	2		0.00000							
752	Nervonic Acid (24:1) isomers (%) (w/w)	2		0.00000							

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754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	2	2	0.12500	0.00000						
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	2	2	1.6125	0.01061						
758	Total Saturated Fatty Acids (% (w/w))	1	1	0.98000							
762	Total Monounsaturated Fatty Acids (% (w/w))	1	1	1.1500							
766	Total Polyunsaturated Fatty Acids (% (w/w))	1	1	1.7650							
770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	4.1100							
772	Total Fatty Acids (% (w/w))	2	2	3.7542	0.24858						

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.