



Animal Feed Scheme
Goat Feed, Medicated
Test Material Code # 202025

Analyte Summary Report

Labs Reporting: 157
Analytes Reported: 114
Issue Date : 06/30/2020

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 (R-bar)	Thompson Horwitz %RSD
000	Urea (%)	2	1	0.9000							
001	Loss on Drying (%)	69	68	9.663	0.5397	9.734	0.3681	0.0558	3.78%	0.1332	2.84%
002	Protein, Crude (%)	155	153	17.21	0.4348	17.20	0.2757	0.0279	1.60%	0.1464	2.41%
003	Fat, Crude (%)	122	118	4.633	0.3437	4.627	0.3253	0.0374	7.03%	0.0871	3.18%
004	Fiber, Crude (%)	103	101	5.892	0.6139	5.875	0.3893	0.0484	6.63%	0.1431	3.06%
005	Ash (%)	115	111	8.153	0.2963	8.149	0.2511	0.0298	3.08%	0.0740	2.92%
006	Total Sugars (%)	4	4	5.650	0.7683	5.650	0.7683	0.3842	13.60%	0.1160	3.08%
008	Fiber, Acid Detergent (%)	49	48	7.725	0.6767	7.717	0.6573	0.1186	8.52%	0.1846	2.94%
009	Fiber, Neutral Detergent (%)	48	48	14.65	0.9471	14.60	0.8756	0.1580	6.00%	0.3055	2.62%
010	Moisture (%)	20	19	9.835	0.6601	9.861	0.6114	0.1753	6.20%	0.1007	2.83%
011	Loss on Drying (%)	58	57	10.89	0.5014	10.92	0.4674	0.0774	4.28%	0.1054	2.79%
012	Starch (%)	32	32	32.69	1.871	32.63	1.645	0.3634	5.04%	0.4713	1.75%
013	Fat, Acid Pretreat (%)	45	44	5.578	0.6063	5.591	0.5441	0.1025	9.73%	0.3050	3.09%
015	Aluminum (ppm)	18	18	184.0	43.75	187.2	30.29	8.924	16.18%	7.617	7.28%
017	Boron (ppm)	20	19	11.72	1.036	11.62	0.9270	0.2658	7.98%	0.9967	11.06%
019	Calcium (%)	116	115	1.541	0.0812	1.543	0.0795	0.0093	5.15%	0.0367	3.75%
021	Cobalt (ppm)	25	25	5.540	0.6523	5.540	0.6899	0.1725	12.45%	0.2701	12.36%
022	Copper (ppm)	85	84	76.89	7.664	76.85	6.521	0.8894	8.49%	3.239	8.32%
025	Iron (ppm)	72	71	448.5	82.67	459.9	45.52	6.753	9.90%	14.33	6.36%
027	Magnesium (%)	79	78	0.2453	0.0138	0.2449	0.0131	0.0019	5.35%	0.0070	4.94%
028	Manganese (ppm)	84	84	210.2	21.20	212.7	13.77	1.878	6.47%	6.446	7.14%
031	Phosphorus (%)	112	111	0.6775	0.0551	0.6757	0.0347	0.0041	5.14%	0.0185	4.24%
032	Potassium (%)	77	76	1.087	0.0621	1.092	0.0534	0.0077	4.89%	0.0261	3.95%
033	Salt as chloride (%)	57	55	1.444	0.1672	1.480	0.0846	0.0143	5.72%	0.0187	3.77%
034	Selenium (ppm)	27	25	2.819	0.9101	2.759	0.5562	0.1391	20.16%	0.1894	13.73%
035	Sodium (%)	84	83	0.2907	0.0250	0.2912	0.0170	0.0023	5.85%	0.0087	4.82%
036	Sulfur (%)	43	42	0.3369	0.0209	0.3371	0.0191	0.0037	5.68%	0.0093	4.71%
037	Zinc (ppm)	87	85	448.1	40.30	448.4	31.73	4.303	7.08%	15.66	6.38%
038	Molybdenum (ppm)	23	22	3.018	0.4102	2.989	0.3336	0.0889	11.16%	0.1300	13.57%

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 (R-bar)	Thompson Horwitz %RSD
040	Barium (ppm)	3	3	4.363	0.1290	4.363	0.1290	0.0745	2.96%	0.3865	12.82%
041	Vanadium (ppm)	1	1	2.035							
042	Chloride (%)	3	3	0.9735	0.0523	0.9735	0.0523	0.0302	5.37%	0.0410	4.02%
101	Choline Chloride (ppm)	1	1	1,545							
102	Niacin (ppm)	1	1	34.15							
103	Pantothenic Acid (ppm)	1	1	11.90							
104	Riboflavin (ppm)	2	2	4.280	3.140						
105	Thiamine (ppm)	2	2	63.08	5.975						
106	Vitamin A (KU / kg)	15	15	30.46	7.279	30.30	7.911	2.553	26.11%	4.559	
107	Vitamin B12 (ppb)	1	1	11.90							
108	Vitamin D3 (KU / kg)	5	4	3.388	0.4233	3.388	0.4233	0.2116	12.50%	0.2400	
109	Vitamin E (IU / kg)	16	16	112.0	23.78	112.5	21.93	6.853	19.48%	4.217	
111	Vitamin C, Phosphorylated (ppm)	1		4.400							
112	Pyridoxine (µg / g)	1	1	2.760							
113	Folic Acid (ppm)	1	1	1.360							
114	Biotin (ppm)	1	1	1.225							
115	Non Protein N (NPN) (%)	1	1	1.140							
118	Peroxide value (meq/kg)	1	1	2.630							
120	Alanine (%)	27	27	0.7763	0.0519	0.7705	0.0278	0.0067	3.60%	0.0140	4.16%
121	Arginine (%)	27	26	0.9779	0.0452	0.9778	0.0465	0.0114	4.75%	0.0220	4.01%
122	Aspartic (%)	27	27	1.604	0.0774	1.615	0.0582	0.0140	3.60%	0.0317	3.72%
124	Cysteine/Cystine (%)	26	24	0.2751	0.0387	0.2701	0.0250	0.0064	9.26%	0.0076	4.87%
125	Glutamic (%)	27	27	2.817	0.1790	2.833	0.1497	0.0360	5.29%	0.0497	3.42%
126	Glycine (%)	27	27	0.6898	0.0684	0.6973	0.0276	0.0066	3.95%	0.0107	4.22%
127	Histidine (%)	27	27	0.3898	0.0238	0.3885	0.0178	0.0043	4.59%	0.0090	4.61%
128	Isoleucine (%)	27	26	0.6334	0.0670	0.6365	0.0522	0.0128	8.20%	0.0131	4.28%
129	Leucine (%)	27	27	1.245	0.0671	1.243	0.0474	0.0114	3.82%	0.0173	3.87%
130	L-Lysine (%)	27	26	0.8088	0.0786	0.8207	0.0449	0.0110	5.47%	0.0210	4.12%
131	Methionine (%)	27	26	0.2399	0.0267	0.2405	0.0181	0.0044	7.51%	0.0063	4.96%
132	Phenylalanine (%)	27	27	0.7526	0.0632	0.7578	0.0428	0.0103	5.64%	0.0118	4.17%
133	Proline (%)	26	25	0.9690	0.0916	0.9547	0.0526	0.0132	5.51%	0.0218	4.03%
134	Serine (%)	27	26	0.7571	0.0438	0.7584	0.0411	0.0101	5.42%	0.0139	4.17%
135	Threonine (%)	27	26	0.5981	0.0402	0.6026	0.0299	0.0073	4.97%	0.0103	4.32%
136	Tryptophan (%)	17	16	0.2146	0.0639	0.2019	0.0249	0.0078	12.32%	0.0050	5.09%
137	Tyrosine (%)	22	21	0.5219	0.0784	0.5203	0.0801	0.0218	15.39%	0.0177	4.41%
138	Valine (%)	27	26	0.7527	0.0466	0.7524	0.0506	0.0124	6.73%	0.0138	4.17%
139	Taurine (%)	4	2	0.0438	0.0569	0.0438	0.0569	0.0402	130.10%	0.0005	6.41%
160	Fructose (%)	2	2	0.5503	0.1835						
161	Galactose (%)	1		0.0000							
162	Glucose (%)	2	2	0.3380	0.0665						

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 (R-bar)	Thompson Horwitz %RSD
163	Lactose (%)	2	2	0.4803	0.0562						
164	Maltose (%)	2	1	0.0565							
165	Sucrose (%)	2	2	3.516	0.1549						
166	Raffinose (%)	2	2	0.2895	0.0205						
167	Stachyose (%)	2	2	1.054	0.0969						
350	Carbadox (ppm)	2	2	0.6029	0.0677						
351	Chlortetracycline (ppm)	4	4	2.261	1.733	2.261	1.733	0.8666	76.67%	0.1093	14.15%
354	Decoquinatate (ppm)	13	13	50.17	8.926	48.80	4.927	1.708	10.10%	1.374	8.91%
361	Lasalocid Sodium (ppm)	1	1	0.3950							
365	Monensin (ppm)	17	16	20.68	2.087	20.59	2.156	0.6737	10.47%	0.5511	10.15%
382	Sulfamethazine (ppm)	4	3	0.2949	0.1358	0.2949	0.1358	0.0784	46.04%	0.0023	19.22%
386	Tiamulin (ppm)	4	4	0.1502	0.0787	0.1502	0.0787	0.0393	52.36%	0.0364	21.28%
400	Water Activity (Units)	13	13	0.5555	0.0189	0.5542	0.0181	0.0063	3.26%	0.0067	
516	Arsenic, Total (ppm)	15	13	0.3640	0.3228	0.2791	0.0236	0.0082	8.46%	0.0251	19.38%
518	Cadmium (ppm)	16	14	0.1083	0.0114	0.1093	0.0103	0.0034	9.42%	0.0085	22.00%
520	Chromium (ppm)	15	14	4.510	1.539	4.510	1.745	0.5829	38.69%	0.2391	12.75%
526	Lead (ppm)	14	12	0.1799	0.0334	0.1788	0.0354	0.0128	19.82%	0.0230	20.73%
529	Mercury (ppb)	6	3	2.206	0.7139	2.206	0.7139	0.5152	32.36%	0.1410	22.00%
539	Nickel (ppm)	9	9	2.784	0.4922	2.784	0.5581	0.2325	20.05%	0.0899	13.71%
710	Lauric Acid (12:0) (%) (w/w)	3	1								
714	Myristic Acid (14:0) (%) (w/w)	3	2	0.0132	0.0067	0.0132	0.0067	0.0047	50.38%	0.0005	7.67%
716	Palmitic Acid (16:0) (%) (w/w)	3	3	0.7257	0.0268	0.7257	0.0268	0.0154	3.69%	0.0140	4.20%
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	3	3	0.0102	0.0013	0.0102	0.0013	0.0007	12.39%	0.0003	7.98%
720	Margaric acid (17:0) (%) (w/w)	1	1	0.0080							
722	Stearic Acid (18:0) (%) (w/w)	3	3	0.1688	0.0034	0.1688	0.0034	0.0019	1.99%	0.0053	5.23%
724	Oleic Acid (9c-18:1) (%) (w/w)	3	3	1.061	0.0382	1.061	0.0382	0.0220	3.60%	0.0047	3.96%
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	4	4	2.441	0.2424	2.441	0.2424	0.1212	9.93%	0.0223	3.50%
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	4	3	0.2903	0.0055	0.2903	0.0055	0.0032	1.90%	0.0000	4.82%
730	Arachidic Acid (20:0) (%) (w/w)	3	2	0.0180	0.0028	0.0180	0.0028	0.0020	15.72%	0.0000	7.32%
732	Gondoic Acid (11c-20:1) (%) (w/w)	2	1	0.0160							
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	1	0.0165							
744	Erucic Acid (13c-22:1) (%) (w/w)	2		0.0000							
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) (%) (w/w)	2		0.0000							
748	Lignoceric Acid (24:0) (%) (w/w)	1	1	0.0110							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	2		0.0000							
752	Nervonic Acid (24:1) isomers (%) (w/w)	1		0.0050							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%) (w/w)	2	2	0.3050	0.0212						
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%) (w/w)	2	2	2.533	0.3712						

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 (R-bar)	Thompson Horwitz %RSD
758	Total Saturated Fatty Acids (% (w/w))	2	2	2.887	2.682						
762	Total Monounsaturated Fatty Acids (% (w/w))	2	2	1.008	0.1662						
766	Total Polyunsaturated Fatty Acids (% (w/w))	2	2	1.845	1.018						
770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	4.915							
772	Total Fatty Acids (% (w/w))	3	3	4.037	1.102	4.037	1.102	0.6365	27.31%	0.0323	3.24%

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.