



**Animal Feed Scheme**  
**Sheep Feed**  
**Test Material Code # 202030**

**Analyte Summary Report**

**# Labs Reporting: 178**  
**# Analytes Reported: 117**  
**Issue Date : 11/30/2020**

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 (%)	1	1	1.000							
001	Loss on Drying (%)	71	69	8.085	0.3644	8.075	0.3188	0.0480	3.95%	0.1079	2.92%
002	Protein, Crude (%)	172	170	14.02	0.4746	13.98	0.2617	0.0251	1.87%	0.1471	2.67%
003	Fat, Crude (%)	142	141	2.382	0.3432	2.364	0.3105	0.0327	13.14%	0.0983	3.51%
004	Fiber, Crude (%)	112	109	16.05	1.298	15.93	1.071	0.1282	6.73%	0.2776	2.51%
005	Ash (%)	111	107	10.67	0.3964	10.67	0.3587	0.0433	3.36%	0.0982	2.80%
006	Total Sugars (%)	11	11	4.492	1.394	4.319	0.8913	0.3359	20.64%	0.1625	3.21%
008	Fiber, Acid Detergent (%)	62	60	21.27	1.170	21.32	1.159	0.1871	5.44%	0.2943	2.17%
009	Fiber, Neutral Detergent (%)	60	57	37.42	2.184	37.47	1.745	0.2889	4.66%	0.3686	1.63%
010	Moisture (%)	18	17	8.264	0.7999	8.173	0.5206	0.1578	6.37%	0.0953	2.92%
011	Loss on Drying (%)	65	64	8.967	0.4506	8.968	0.4621	0.0722	5.15%	0.1167	2.88%
012	Starch (%)	44	44	15.58	1.529	15.49	1.139	0.2146	7.35%	0.1885	2.54%
013	Fat, Acid Pretreat (%)	44	42	3.541	0.6723	3.520	0.5547	0.1070	15.76%	0.1893	3.31%
014	Fiber, Total Dietary (%)	1	1	43.65							
015	Aluminum (ppm)	17	16	98.96	14.28	98.72	15.45	4.828	15.65%	2.760	8.01%
017	Boron (ppm)	19	17	6.897	1.020	6.880	0.9350	0.2835	13.59%	0.3354	11.97%
019	Calcium (%)	125	123	1.838	0.1938	1.849	0.1325	0.0149	7.17%	0.0409	3.65%
021	Cobalt (ppm)	24	24	2.320	0.6094	2.325	0.6667	0.1701	28.67%	0.1933	14.09%
022	Copper (ppm)	70	68	9.790	2.269	9.615	1.605	0.2434	16.70%	0.5838	11.38%
024	Iodine (ppm)	3	3	3.315	0.7558	3.315	0.7558	0.4364	22.80%	0.5553	13.36%
025	Iron (ppm)	61	60	321.1	64.24	329.1	41.00	6.616	12.46%	7.972	6.69%
027	Magnesium (%)	75	75	0.4071	0.0307	0.4075	0.0215	0.0031	5.27%	0.0076	4.58%
028	Manganese (ppm)	83	82	176.3	19.65	177.4	14.07	1.942	7.93%	4.112	7.34%
031	Phosphorus (%)	116	114	0.8069	0.0625	0.8114	0.0475	0.0056	5.86%	0.0209	4.13%
032	Potassium (%)	73	71	1.127	0.0794	1.131	0.0697	0.0103	6.16%	0.0200	3.93%
033	Salt as chloride (%)	66	66	1.608	0.2205	1.663	0.0907	0.0140	5.46%	0.0240	3.71%
034	Selenium (ppm)	26	24	0.8393	0.2901	0.7917	0.1448	0.0369	18.28%	0.0668	16.57%
035	Sodium (%)	82	79	0.3909	0.0323	0.3881	0.0251	0.0035	6.45%	0.0095	4.61%
036	Sulfur (%)	45	44	0.2964	0.0231	0.2970	0.0232	0.0044	7.83%	0.0090	4.80%

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037	Zinc (ppm)	84	<b>82</b>	179.9	23.51	<b>180.5</b>	19.41	2.680	10.76%	5.776	7.32%
038	Molybdenum (ppm)	20	<b>19</b>	3.924	0.5771	<b>3.938</b>	0.6214	0.1782	15.78%	0.1724	13.01%
040	Barium (ppm)	1	1	22.25							
041	Vanadium (ppm)	2	1	0.8950							
042	Chloride (%)	4	2	1.050	0.0141	1.050	0.0141	0.0100	1.35%	0.0000	3.97%
101	Choline Chloride (ppm)	1	1	1,475							
102	Niacin (ppm)	1	1	110.5							
103	Pantothenic Acid (ppm)	1	1	9.350							
104	Riboflavin (ppm)	3	3	4.330	4.146	4.330	4.146	2.394	95.76%	0.3067	12.83%
105	Thiamine (ppm)	2	2	2.653	1.269						
106	Vitamin A (KU / kg)	18	<b>17</b>	13.10	5.470	<b>12.73</b>	4.918	1.491	38.63%	1.271	
107	Vitamin B12 (ppb)	1	1	37.60							
108	Vitamin D3 (KU / kg)	5	5	1.247	0.5660	1.247	0.5660	0.2531	45.40%	0.1552	
109	Vitamin E (IU / kg)	15	<b>14</b>	76.41	19.79	<b>77.78</b>	18.98	6.342	24.41%	5.419	
111	Vitamin C, Phosphorylated (ppm)	1		9.530							
112	Pyridoxine (µg / g)	1	1	3.430							
113	Folic Acid (ppm)	1	1	0.6785							
114	Biotin (ppm)	1	1	0.2255							
115	Non Protein N (NPN) (%)	1	1	1.005							
118	Peroxide value (meq/kg)	1	1	6.235							
120	Alanine (%)	29	<b>28</b>	0.6103	0.0342	<b>0.6150</b>	0.0229	0.0054	3.72%	0.0096	4.30%
121	Arginine (%)	29	<b>28</b>	0.7596	0.0371	<b>0.7573</b>	0.0338	0.0080	4.46%	0.0136	4.17%
122	Aspartic (%)	28	<b>27</b>	0.9370	0.0434	<b>0.9352</b>	0.0306	0.0074	3.28%	0.0104	4.04%
124	Cysteine/Cystine (%)	29	<b>28</b>	0.2556	0.0586	<b>0.2440</b>	0.0233	0.0055	9.56%	0.0062	4.95%
125	Glutamic (%)	29	<b>28</b>	2.124	0.1146	<b>2.131</b>	0.0850	0.0201	3.99%	0.0252	3.57%
126	Glycine (%)	29	<b>28</b>	0.6513	0.0281	<b>0.6512</b>	0.0310	0.0073	4.76%	0.0135	4.27%
127	Histidine (%)	29	<b>28</b>	0.3207	0.0228	<b>0.3194</b>	0.0226	0.0053	7.09%	0.0068	4.75%
128	Isoleucine (%)	29	<b>29</b>	0.3947	0.0313	<b>0.3962</b>	0.0249	0.0058	6.30%	0.0102	4.60%
129	Leucine (%)	29	<b>28</b>	0.7982	0.0445	<b>0.7978</b>	0.0391	0.0092	4.90%	0.0110	4.14%
130	L-Lysine (%)	29	<b>28</b>	0.5017	0.0295	<b>0.5051</b>	0.0234	0.0055	4.64%	0.0080	4.43%
131	Methionine (%)	29	<b>27</b>	0.1680	0.0209	<b>0.1670</b>	0.0152	0.0037	9.09%	0.0037	5.24%
132	Phenylalanine (%)	29	<b>29</b>	0.4876	0.0365	<b>0.4841</b>	0.0295	0.0068	6.09%	0.0127	4.46%
133	Proline (%)	28	<b>28</b>	0.7983	0.0689	<b>0.8009</b>	0.0574	0.0136	7.17%	0.0220	4.14%
134	Serine (%)	29	<b>28</b>	0.5362	0.0499	<b>0.5422</b>	0.0315	0.0074	5.80%	0.0065	4.39%
135	Threonine (%)	29	<b>28</b>	0.4191	0.0304	<b>0.4227</b>	0.0149	0.0035	3.52%	0.0049	4.55%
136	Tryptophan (%)	19	<b>19</b>	0.1666	0.0442	<b>0.1585</b>	0.0167	0.0048	10.55%	0.0073	5.28%
137	Tyrosine (%)	23	<b>23</b>	0.3446	0.0923	<b>0.3390</b>	0.0620	0.0162	18.30%	0.0095	4.71%
138	Valine (%)	29	<b>28</b>	0.5565	0.0418	<b>0.5601</b>	0.0357	0.0084	6.38%	0.0117	4.36%
139	Taurine (%)	5	3	0.0400	0.0328	0.0400	0.0328	0.0189	81.98%	0.0033	6.49%
160	Fructose (%)	4	4	0.2124	0.0431	0.2124	0.0431	0.0216	20.29%	0.0208	5.05%

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161	Galactose (%)	1		0.0000							
162	Glucose (%)	4	3	0.1613	0.0206	0.1613	0.0206	0.0119	12.74%	0.0053	5.26%
163	Lactose (%)	4	1								
164	Maltose (%)	3	2	0.3003	0.2620	0.3003	0.2620	0.1852	87.25%	0.0125	4.79%
165	Sucrose (%)	4	3	1.777	0.2855	1.777	0.2855	0.1648	16.07%	0.0133	3.67%
166	Raffinose (%)	3	3	0.3527	0.1617	0.3527	0.1617	0.0934	45.85%	0.0227	4.68%
167	Stachyose (%)	3	3	0.2728	0.1244	0.2728	0.1244	0.0718	45.60%	0.0183	4.86%
345	Amprolium (ppm)	6	5	1.359	1.678	1.359	1.678	0.9379	123.49%	0.0126	15.28%
354	Decoquinatate (ppm)	8	8	2.784	1.120	<b>2.506</b>	0.4788	0.2116	19.11%	0.2024	13.93%
361	Lasalocid Sodium (ppm)	11	11	2.156	2.981	<b>1.180</b>	0.2900	0.1093	24.59%	0.0892	15.60%
365	Monensin (ppm)	1		0.2400							
400	Water Activity (Units)	10	10	0.4593	0.0317	<b>0.4557</b>	0.0268	0.0106	5.89%	0.0055	
516	Arsenic, Total (ppm)	10	8	0.1863	0.0188	<b>0.1875</b>	0.0184	0.0081	9.83%	0.0169	20.58%
518	Cadmium (ppm)	13	9	0.1076	0.0119	<b>0.1078</b>	0.0130	0.0054	12.06%	0.0046	22.00%
520	Chromium (ppm)	10	9	14.31	5.896	<b>14.42</b>	6.431	2.680	44.58%	0.4349	10.70%
526	Lead (ppm)	12	7	0.1871	0.0807	<b>0.1849</b>	0.0864	0.0408	46.74%	0.0164	20.62%
529	Mercury (ppb)	4	1								
539	Nickel (ppm)	8	8	8.311	2.916	<b>8.515</b>	2.822	1.247	33.15%	0.4064	11.59%
702	Butyric Acid (4:0) (%)	1		0.0200							
704	Caproic Acid (6:0) (%)	1		0.0200							
706	Caprylic acid (8:0) (%) (w/w)	1		0.0200							
708	Capric acid (10:0) (%) (w/w)	1		0.0200							
710	Lauric Acid (12:0) (%) (w/w)	2		0.0050							
714	Myristic Acid (14:0) (%) (w/w)	2	1	0.0070							
716	Palmitic Acid (16:0) (%) (w/w)	2	2	0.5613	0.0548						
718	Palmitoleic Acid (9c-16:1) (%) (w/w)	2	1	0.0105							
720	Margaric acid (17:0) (%) (w/w)	1		0.0200							
722	Stearic Acid (18:0) (%) (w/w)	2	2	0.0678	0.0103						
724	Oleic Acid (9c-18:1) (%) (w/w)	2	2	0.5133	0.0308						
726	Linoleic Acid (9c,12c-18:2) (%) (w/w)	2	2	1.238	0.0028						
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)	2	2	0.0895	0.0007						
730	Arachidic Acid (20:0) (%) (w/w)	2	1	0.0090							
732	Gondoic Acid (11c-20:1) (%) (w/w)	2	2	0.0175	0.0035						
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%) (w/w)	1		0.0200							
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	0.0095							
744	Erucic Acid (13c-22:1) (%) (w/w)	2		0.0050							
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)	2	2	0.0183	0.0025						
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%) (w/w)	2		0.0000							

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752	Nervonic Acid (24:1) isomers (% (w/w))	2		0.0050							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	1	1	0.1000							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	1	1	1.255							
758	Total Saturated Fatty Acids (% (w/w))	1	1	0.7550							
764	Total cis Monounsaturated Fatty Acids (% (w/w))	1	1	0.6200							
768	Total cis Polyunsaturated Fatty Acids (% (w/w))	1	1	1.360							
770	Total Fat (equivalent to NLEA) (% (w/w))	1	1	2.885							
772	Total Fatty Acids (% (w/w))	2	2	2.605	0.1980						

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.