

Animal Feed Scheme

Analyte Summary Report

Analytes Reported: 101

Dairy Beef Feed

Labs Reporting: 204

Test Material Code # 201629

Issue Date : 10/31/2016

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value - Robust Mean	AAFCO PT fp - Robust sd	Uncertainty (U) Robust	% RSD - Robust	Average Range (R-bar)	Horwitz %RSD
000	Urea (%)	1	1	9.3000							
001	Loss on Drying (%)	71	69	7.1174	0.48655	7.1492	0.30416	0.04577	4.25%	0.09095	2.97%
002	Protein (%)	199	196	30.744	1.3829	30.521	0.41795	0.03732	1.37%	0.18033	1.81%
003	Fat (%)	141	138	1.9981	0.46115	1.9417	0.34683	0.03691	17.86%	0.09741	3.62%
004	Fiber (%)	117	113	8.8072	1.9448	8.7394	1.7210	0.20238	19.69%	0.23690	2.89%
005	Ash (%)	137	133	30.307	3.4242	30.854	0.64681	0.07011	2.10%	0.16150	1.80%
006	Total sugars (%)	8	8	4.7094	2.1394	4.3320	1.4292	0.63160	32.99%	0.30125	3.21%
008	Fiber (%)	68	66	10.842	1.6403	10.731	1.0716	0.16488	9.99%	0.34147	2.80%
009	Fiber (%)	62	62	19.865	2.2240	19.641	1.7225	0.27345	8.77%	0.47870	2.26%
010	Moisture (%)	26	26	7.5105	0.99888	7.4274	0.88244	0.21633	11.88%	0.14617	2.96%
011	Loss on Drying (%)	80	79	8.3636	0.54781	8.3852	0.50210	0.07061	5.99%	0.14745	2.90%
012	Starch (%)	29	28	5.2468	1.3661	5.1207	0.99520	0.23509	19.43%	0.13781	3.13%
013	Fat (%)	47	46	2.7996	0.65381	2.8043	0.61680	0.11368	21.99%	0.12773	3.42%
015	Aluminum (mg / kg (ppm))	13	12	407.30	111.52	407.30	126.47	45.634	31.05%	15.306	6.47%
017	Boron (mg / kg (ppm))	14	13	12.233	1.5046	12.222	1.6850	0.58415	13.79%	0.50471	10.98%
019	Calcium (%)	138	135	8.7255	1.1005	8.8377	0.49377	0.05312	5.59%	0.18136	2.88%
021	Cobalt (mg / kg (ppm))	26	26	10.021	2.3392	10.099	2.4619	0.60352	24.38%	0.52377	11.29%
022	Copper (mg / kg (ppm))	97	96	267.19	26.513	269.59	17.693	2.2572	6.56%	7.6557	6.89%
023	Fluorine (mg / kg (ppm))	1	1	16.650							
024	Iodine (mg / kg (ppm))	2	2	13.353	4.7412						
025	Iron (mg / kg (ppm))	82	80	737.47	158.11	761.02	109.35	15.282	14.37%	26.629	5.89%
027	Magnesium (%)	102	101	0.67646	0.06323	0.67578	0.04050	0.00504	5.99%	0.01323	4.24%
028	Manganese (mg / kg (ppm))	93	91	404.00	36.703	406.53	31.273	4.0978	7.69%	9.9798	6.48%
031	Phosphorus (%)	141	137	0.60800	0.05949	0.60858	0.03784	0.00404	6.22%	0.01809	4.31%
032	Potassium (%)	102	98	2.1386	0.19470	2.1222	0.09571	0.01209	4.51%	0.04700	3.57%
033	Salt as chloride (%)	65	62	3.6700	0.38866	3.7476	0.14366	0.02281	3.83%	0.04433	3.28%
034	Selenium (mg / kg (ppm))	26	25	3.8906	0.52792	3.9371	0.44166	0.11042	11.22%	0.25572	13.02%
035	Sodium (%)	101	100	0.86085	0.11537	0.85642	0.06746	0.00843	7.88%	0.02610	4.09%
036	Sulfur (%)	41	40	0.69127	0.08154	0.68980	0.07552	0.01493	10.95%	0.01871	4.23%
037	Zinc (mg / kg (ppm))	99	98	896.48	88.326	901.27	76.985	9.7208	8.54%	24.945	5.75%

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038	Molybdenum (mg / kg (ppm))	19	18	4.4787	1.2836	4.6514	0.79315	0.23368	17.05%	0.26306	12.69%
040	Barium (mg / kg (ppm))	4	4	13.382	3.0654	11.909	1.0395	0.51977	8.73%	3.2225	11.02%
041	Vanadium (mg / kg (ppm))	3	3	1.9500	0.62650	1.9500	0.62650	0.36171	32.13%	0.10000	14.47%
042	Chloride (%)	4	4	2.2725	0.11565	2.3050	0.11715	0.05858	5.08%	0.14000	3.53%
051	Chlortetracycline (mg / kg (ppm))	4	4	6.6331	2.1594	6.6331	2.1594	1.0797	32.56%	1.9802	12.03%
061	Lasalocid Sodium (mg / kg (ppm))	5	4	1.1671	0.28287	1.2978	0.13234	0.06617	10.20%	0.15575	15.38%
065	Monensin (mg / kg (ppm))	25	25	307.40	43.534	316.44	23.740	5.9351	7.50%	12.464	6.73%
067	Nicarbazin (mg / kg (ppm))	1		0.00000							
079	Salinomycin (mg / kg (ppm))	1		0.00000							
088	Tylosin (mg / kg (ppm))	8	8	40.499	16.015	40.499	18.161	8.0262	44.84%	2.2600	9.16%
091	Narasin (mg / kg (ppm))	1		0.00000							
101	Choline Chloride (mg / kg (ppm))	3	3	1,416.3	632.68	1,124.5	538.11	310.68	47.85%	76.667	5.56%
102	Niacin (mg / kg (ppm))	1	1	1,085.0							
103	Pantothenic Acid (mg / kg (ppm))	1	1	9.3050							
104	Riboflavin (mg / kg (ppm))	2	2	1.3375	0.01768						
105	Thiamine (mg / kg (ppm))	5	5	20.685	2.3359	20.685	2.3359	1.0447	11.29%	0.68000	10.14%
106	Vitamin A (KU / kg)	25	24	921.57	4,365.1	29.658	8.7015	2.2202	29.34%	21.937	
107	Vitamin B12 (µg / kg (ppb))	1	1	13.000							
108	Vitamin D3 (KU / kg)	8	7	354.47	915.23	10.092	6.1871	2.9231	61.31%	26.074	
109	Vitamin E (IU/kg)	19	18	73.524	22.558	77.675	14.546	4.2857	18.73%	4.6849	
112	Pyridoxine (µg / g)	1	1	4.9950							
113	Folic Acid (mg / kg (ppm))	1	1	0.84600							
114	Biotin (mg / kg (ppm))	1	1	0.33600							
115	Non Protein N (NPN) (%)	8	7	7.6064	4.9766	7.6064	5.6434	2.6663	74.19%	0.14143	2.95%
120	Alanine (%)	25	24	0.91445	0.24670	0.84350	0.03670	0.00936	4.35%	0.01366	4.10%
121	Arginine (%)	25	25	1.2883	0.32409	1.2013	0.04206	0.01052	3.50%	0.02224	3.89%
122	Aspartic (%)	25	25	1.5838	0.47751	1.5151	0.04525	0.01131	2.99%	0.03324	3.76%
124	Cysteine/Cystine (%)	25	24	0.32862	0.08157	0.31643	0.02431	0.00620	7.68%	0.00803	4.76%
125	Glutamic (%)	25	25	3.3669	0.94265	3.1596	0.12111	0.03028	3.83%	0.04926	3.36%
126	Glycine (%)	24	24	0.89481	0.24116	0.82937	0.02107	0.00538	2.54%	0.01826	4.11%
127	Histidine (%)	24	23	0.44959	0.03153	0.44768	0.02537	0.00661	5.67%	0.00975	4.51%
128	Isoleucine (%)	25	25	0.69730	0.16796	0.65782	0.04671	0.01168	7.10%	0.01494	4.26%
129	Leucine (%)	25	24	1.2973	0.27151	1.2476	0.04961	0.01266	3.98%	0.01529	3.87%
130	L-Lysine (%)	26	26	0.88075	0.24830	0.81466	0.05235	0.01283	6.43%	0.01981	4.13%
131	Methionine (%)	26	25	0.24068	0.01540	0.24029	0.01654	0.00414	6.88%	0.00768	4.96%
132	Phenylalanine (%)	25	24	0.85582	0.23504	0.79413	0.04097	0.01045	5.16%	0.01618	4.14%
133	Proline (%)	23	22	1.0508	0.24912	1.0040	0.06232	0.01661	6.21%	0.01726	4.00%
134	Serine (%)	25	25	0.86835	0.23779	0.80658	0.04403	0.01101	5.46%	0.01485	4.13%

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135	Threonine (%)	25	24	0.68295	0.14553	0.65563	0.03207	0.00818	4.89%	0.01011	4.26%
136	Tryptophan (%)	14	14	0.22055	0.01897	0.22242	0.01384	0.00462	6.22%	0.01001	5.02%
137	Tyrosine (%)	19	19	0.54363	0.09276	0.54857	0.05459	0.01565	9.95%	0.01449	4.38%
138	Valine (%)	25	25	0.88059	0.21223	0.82806	0.04811	0.01203	5.81%	0.01870	4.11%
139	Taurine (%)	1		0.00000							
160	Fructose (%)	3	3	0.25250	0.09627	0.25250	0.09627	0.05558	38.13%	0.05433	4.92%
162	Glucose (%)	2	1	0.08600							
163	Lactose (%)	2	1	0.15000							
164	Maltose (%)	1		0.00000							
165	Sucrose (%)	5	5	2.1638	0.13095	2.1638	0.13095	0.05856	6.05%	0.06800	3.56%
166	Raffinose (%)	2	2	0.70100	0.11455						
167	Stachyose (%)	2	2	0.89925	0.14743						
351	Chlortetracycline, residual (µg / kg (ppb))	1	1	9,220.0							
361	Lasalocid sodium, residual (µg / kg (ppb))	5	5	545.33	536.95	434.16	549.58	245.78	126.58%	136.40	18.14%
365	Monensin, residual (µg / kg (ppb))	1	1	377.50							
392	Fenbendazole, residual (µg / kg (ppb))	1	1	5,190.0							
400	Water activity (Units)	9	8	0.51726	0.01015	0.51726	0.01151	0.00508	2.22%	0.00210	
516	Arsenic, total (mg / kg (ppm))	11	10	1.4822	0.18185	1.4660	0.12604	0.04982	8.60%	0.12218	15.10%
518	Cadmium (mg / kg (ppm))	11	11	0.32835	0.13427	0.32542	0.06910	0.02604	21.23%	0.03040	18.94%
520	Chromium (mg / kg (ppm))	11	10	11.416	6.1745	11.351	5.8698	2.3202	51.71%	0.52541	11.10%
526	Lead (mg / kg (ppm))	13	10	1.1251	1.1514	0.77054	0.05603	0.02215	7.27%	0.16634	16.64%
529	Mercury (µg / kg (ppb))	1	1	475.00							
539	Nickel (mg / kg (ppm))	7	7	9.6084	1.8615	9.6084	2.1110	0.99733	21.97%	0.34546	11.38%
710	Lauric Acid (12:0) (% (w/w))	1	1	0.00200							
718	Palmitoleic Acid (9c-16:1) (% (w/w))	1	1	0.01000							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	1	1	0.99900							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	1	1	0.08950							
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (% (w/w))	1		0.00000							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (% (w/w))	1		0.00000							
746	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c-22:5) (% (w/w))	1	1	0.00100							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6) (% (w/w))	1		0.00000							
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	1	1	0.09000							
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	1	1	1.0050							

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.