

Animal Feed Scheme
 Molasses Product, Dehydrated
 Sample # 201628

Analyte Summary Report

Analytes Reported: 76
 # Labs Reporting: 190
 Issue Date : 09/30/2016

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	0.18500							
001	Loss on Drying (%)	75	73	5.9310	0.85638	5.9663	0.73896	0.10811	12.39%	0.09959	3.06%
002	Protein (%)	186	182	9.2817	0.55703	9.3294	0.28489	0.02640	3.05%	0.12065	2.86%
003	Fat (%)	131	128	1.1355	0.31269	1.0944	0.20421	0.02256	18.66%	0.07615	3.95%
004	Fiber (%)	114	112	13.827	1.0305	13.795	0.77803	0.09190	5.64%	0.22070	2.69%
005	Ash (%)	144	140	10.317	0.36193	10.341	0.11709	0.01237	1.13%	0.05377	2.81%
006	Total sugars (%)	11	10	32.743	3.9257	32.964	3.9302	1.5535	11.92%	0.45100	1.74%
008	Fiber (%)	66	64	17.077	1.3532	17.168	1.0489	0.16390	6.11%	0.27624	2.41%
009	Fiber (%)	65	64	22.346	1.1467	22.357	0.93243	0.14569	4.17%	0.34503	2.11%
010	Moisture (%)	21	20	6.2392	1.2135	6.0836	0.98799	0.27615	16.24%	0.17685	3.05%
011	Loss on Drying (%)	76	75	8.5236	1.2441	8.6998	0.87624	0.12647	10.07%	0.11477	2.89%
012	Starch (%)	21	18	4.3578	9.2708	1.6079	1.4972	0.44112	93.12%	0.15977	3.72%
013	Fat (%)	50	50	3.2001	1.1083	3.1243	1.0709	0.18931	34.28%	0.20806	3.37%
015	Aluminum (mg / kg (ppm))	10	10	54.673	18.620	53.728	11.887	4.6988	22.12%	2.7940	8.78%
017	Boron (mg / kg (ppm))	12	11	10.989	2.0487	11.318	1.3872	0.52280	12.26%	0.68473	11.10%
019	Calcium (%)	140	139	0.90211	0.14473	0.88977	0.05904	0.00626	6.63%	0.04465	4.07%
021	Cobalt (mg / kg (ppm))	18	18	0.53306	0.13724	0.51762	0.11559	0.03406	22.33%	0.06876	17.66%
022	Copper (mg / kg (ppm))	89	85	6.1282	1.9721	5.8562	1.0514	0.14255	17.95%	0.38593	12.26%
024	Iodine (mg / kg (ppm))	1	1	1.4700							
025	Iron (mg / kg (ppm))	94	93	328.35	32.523	330.22	24.829	3.2183	7.52%	13.899	6.68%
027	Magnesium (%)	101	99	0.34784	0.02253	0.34764	0.01857	0.00233	5.34%	0.00790	4.69%
028	Manganese (mg / kg (ppm))	88	84	15.931	2.2986	15.842	1.5688	0.21396	9.90%	0.84001	10.55%
031	Phosphorus (%)	134	130	0.11232	0.02579	0.10939	0.01144	0.00125	10.45%	0.00589	5.58%
032	Potassium (%)	106	104	3.5601	0.34727	3.5953	0.21658	0.02655	6.02%	0.09980	3.30%
033	Salt as chloride (%)	56	55	2.2120	0.45312	2.2956	0.15856	0.02673	6.91%	0.03981	3.53%
034	Selenium (mg / kg (ppm))	15	15	0.29561	0.12302	0.28526	0.09521	0.03073	33.38%	0.02268	19.32%
035	Sodium (%)	101	100	0.08094	0.08358	0.06431	0.01236	0.00154	19.22%	0.00526	6.04%
036	Sulfur (%)	44	43	0.63240	0.05989	0.62553	0.03960	0.00755	6.33%	0.01478	4.29%
037	Zinc (mg / kg (ppm))	86	83	22.772	6.4684	22.146	3.4599	0.47472	15.62%	1.5230	10.04%
038	Molybdenum (mg / kg (ppm))	15	15	0.89429	0.32312	0.83551	0.16578	0.05350	19.84%	0.04643	16.44%

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040	Barium (mg / kg (ppm))	3	3	14.895	0.37467	14.895	0.37467	0.21632	2.52%	0.53587	10.65%
041	Vanadium (mg / kg (ppm))	2	2	0.65950	0.26234						
042	Chloride (%)	8	8	1.3524	0.20997	1.3742	0.15805	0.06985	11.50%	0.02000	3.81%
101	Choline Chloride (mg / kg (ppm))	1	1	636.00							
102	Niacin (mg / kg (ppm))	1	1	25.300							
103	Pantothenic Acid (mg / kg (ppm))	1	1	23.200							
104	Riboflavin (mg / kg (ppm))	1	1	16.700							
105	Thiamine (mg / kg (ppm))	1	1	0.77150							
106	Vitamin A (KU / kg)	4	1								
107	Vitamin B12 (µg / kg (ppb))	1	1	11.200							
109	Vitamin E (IU/kg)	5	4	10.020	4.0402	10.020	4.0402	2.0201	40.32%	0.56718	
112	Pyridoxine (µg / g)	1	1	6.1650							
113	Folic Acid (mg / kg (ppm))	1	1	0.90150							
114	Biotin (mg / kg (ppm))	1	1	0.82300							
120	Alanine (%)	25	24	0.38821	0.01584	0.38733	0.01590	0.00406	4.10%	0.00849	4.61%
121	Arginine (%)	25	25	0.27341	0.01988	0.27283	0.02090	0.00523	7.66%	0.00759	4.86%
122	Aspartic (%)	25	25	1.3636	0.06809	1.3654	0.06426	0.01607	4.71%	0.02694	3.82%
124	Cysteine/Cystine (%)	25	24	0.10152	0.02158	0.10186	0.01730	0.00441	16.98%	0.00364	5.64%
125	Glutamic (%)	25	24	0.92039	0.04802	0.91368	0.03546	0.00905	3.88%	0.01308	4.05%
126	Glycine (%)	25	24	0.43774	0.01982	0.43724	0.02135	0.00545	4.88%	0.00638	4.53%
127	Histidine (%)	24	23	0.15793	0.06082	0.14268	0.01795	0.00468	12.58%	0.00442	5.36%
128	Isoleucine (%)	25	25	0.24238	0.03457	0.23841	0.01911	0.00478	8.01%	0.00784	4.96%
129	Leucine (%)	25	24	0.37700	0.01666	0.37843	0.01522	0.00388	4.02%	0.00738	4.63%
130	L-Lysine (%)	27	26	0.24015	0.02775	0.24222	0.02420	0.00593	9.99%	0.00578	4.95%
131	Methionine (%)	24	24	0.05212	0.00775	0.05271	0.00695	0.00177	13.18%	0.00453	6.23%
132	Phenylalanine (%)	25	25	0.24414	0.02557	0.24180	0.01656	0.00414	6.85%	0.01101	4.95%
133	Proline (%)	23	21	0.28632	0.04121	0.29046	0.02605	0.00711	8.97%	0.01234	4.82%
134	Serine (%)	25	24	0.34570	0.02431	0.34897	0.01576	0.00402	4.52%	0.00910	4.69%
135	Threonine (%)	25	25	0.23144	0.01001	0.23159	0.01047	0.00262	4.52%	0.00724	4.98%
136	Tryptophan (%)	13	13	0.08183	0.03154	0.07524	0.01932	0.00670	25.68%	0.00252	5.90%
137	Tyrosine (%)	20	19	0.20814	0.04950	0.21460	0.04008	0.01149	18.68%	0.01271	5.04%
138	Valine (%)	25	25	0.31585	0.03160	0.31239	0.02664	0.00666	8.53%	0.01088	4.77%
139	Taurine (%)	4	2	0.15250	0.00354					0.01500	
160	Fructose (%)	7	7	4.4671	0.66985	4.6066	0.39350	0.18591	8.54%	0.13143	3.18%
162	Glucose (%)	7	7	1.6529	0.55342	1.6430	0.60482	0.28575	36.81%	0.11357	3.71%
163	Lactose (%)	3									
164	Maltose (%)	2	1	0.10000							
165	Sucrose (%)	8	8	22.780	1.8222	22.780	2.0664	0.91323	9.07%	0.68875	2.10%

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166	Raffinose (%)	1		0.00000							
167	Stachyose (%)	1		0.00000							
400	Water activity (Units)	8	7	0.32494	0.01658	0.32337	0.01502	0.00710	4.64%	0.00270	
516	Arsenic, total (mg / kg (ppm))	7	7	0.24524	0.04925	0.23511	0.02929	0.01384	12.46%	0.01377	19.89%
518	Cadmium (mg / kg (ppm))	8	6	0.03468	0.00666	0.03468	0.00755	0.00385	21.78%	0.00115	22.00%
520	Chromium (mg / kg (ppm))	7	7	2.2390	3.3423	1.0790	0.40063	0.18928	37.13%	0.05360	15.81%
526	Lead (mg / kg (ppm))	9	9	0.12319	0.04314	0.12989	0.01872	0.00780	14.41%	0.00766	21.75%
539	Nickel (mg / kg (ppm))	4	4	1.5708	0.15839	1.5708	0.15839	0.07919	10.08%	0.06208	14.95%

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.