



Minerals Scheme
Dairy Feed
Test Material Code # 201853

Analyte Summary Report

Analytes Reported: 16
Labs Reporting: 28
Issue Date : 10/31/2018

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	Horwitz ffp SD	Uncertainty (U) Robust	% RSD - Horwitz	Average Range (R-bar)	Horwitz %RSD
015	Aluminum (mg / kg (ppm))	15	15	598.59	196.87	626.12	38.001	35.939	6.07%	28.861	6.07%
017	Boron (mg / kg (ppm))	10	10	26.108	9.5138	28.301	2.7374	1.2828	9.67%	1.4600	9.67%
021	Cobalt (mg / kg (ppm))	19	19	14.293	3.7358	14.919	1.5890	0.40819	10.65%	0.52726	10.65%
022	Copper (mg / kg (ppm))	26	25	850.47	187.77	883.38	50.907	10.785	5.76%	20.705	5.76%
023	Fluorine (mg / kg (ppm))	2	2	11.555	4.8720						
024	Iodine (mg / kg (ppm))	3	3	263.59	228.37	263.59	18.223	13.151	6.91%	12.335	6.91%
034	Selenium (mg / kg (ppm))	17	17	4.3404	1.2822	4.5495	0.57939	0.18989	12.74%	0.21985	12.74%
036	Sulfur (%)	17	16	0.87198	0.05837	0.87559	0.03573	0.01297	4.08%	0.02168	4.08%
038	Molybdenum (mg / kg (ppm))	18	17	2.9711	0.94348	3.0287	0.41007	0.09650	13.54%	0.13513	13.54%
041	Vanadium (mg / kg (ppm))	7	7	8.0994	3.7789	8.8734	1.0220	0.85375	11.52%	0.93136	11.52%
516	Arsenic, Total (mg / kg (ppm))	20	18	2.2895	0.80076	2.4516	0.34267	0.11050	13.98%	0.13337	13.98%
518	Cadmium (mg / kg (ppm))	20	20	2.8377	0.78638	2.9928	0.40594	0.08976	13.56%	0.20581	13.56%
520	Chromium (mg / kg (ppm))	21	21	195.05	50.936	202.65	14.575	6.6652	7.19%	15.281	7.19%
526	Lead (mg / kg (ppm))	20	20	2.5558	0.85362	2.6257	0.36323	0.10132	13.83%	0.20251	13.83%
529	Mercury (µg / kg (ppb))	12	11	98.025	36.631	103.28	22.722	5.6357	22.00%	10.677	22.00%
539	Nickel (mg / kg (ppm))	17	17	5.8339	2.5708	5.7588	0.70784	0.43522	12.29%	0.38251	12.29%

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.