



Minerals Scheme

Milk Replacer

Test Material Code # 201952

Analyte Summary Report

Labs Reporting: 27

Analytes Reported: 16

Issue Date : 07/31/2019

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	246.5	37.88	245.2	17.14	11.88	6.99%	10.37	6.99%
017	Boron (mg / kg (ppm))	10	10	53.94	13.02	51.43	4.547	3.090	8.84%	1.385	8.84%
021	Cobalt (mg / kg (ppm))	17	17	21.45	1.535	21.45	2.163	0.5252	10.08%	1.715	10.08%
022	Copper (mg / kg (ppm))	23	23	11.62	1.787	11.66	1.289	0.3015	11.05%	1.511	11.05%
023	Fluorine (mg / kg (ppm))	2		0.1500							
024	Iodine (mg / kg (ppm))	2	2	373.8	16.62						
034	Selenium (mg / kg (ppm))	14	14	2.558	0.7483	2.646	0.3657	0.1846	13.82%	0.1934	13.82%
036	Sulfur (%)	15	15	0.3813	0.0463	0.3851	0.0178	0.0139	4.62%	0.0148	4.62%
038	Molybdenum (mg / kg (ppm))	16	16	118.0	14.49	117.5	9.175	4.018	7.81%	6.367	7.81%
041	Vanadium (mg / kg (ppm))	5	3	28.09	46.84	1.055	0.1674	0.0967	15.87%	3.410	15.87%
516	Arsenic, Total (mg / kg (ppm))	20	20	2.344	0.5100	2.379	0.3340	0.1171	14.04%	0.2307	14.04%
518	Cadmium (mg / kg (ppm))	18	15	0.3827	0.2037	0.3539	0.0662	0.0460	18.70%	0.0379	18.70%
520	Chromium (mg / kg (ppm))	13	10	0.5120	0.4070	0.4225	0.0769	0.0756	18.21%	0.0553	18.21%
526	Lead (mg / kg (ppm))	19	18	4.795	1.668	4.787	0.6050	0.2142	12.64%	0.3338	12.64%
529	Mercury (µg / kg (ppb))	15	9	1,090	239.4	1,061	168.2	81.76	15.86%	77.23	15.86%
539	Nickel (mg / kg (ppm))	13	13	44.69	8.717	45.77	4.118	2.333	9.00%	4.610	9.00%

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.