



Minerals Scheme
Bone Meal
Test Material Code # 201854

Analyte Summary Report

Analytes Reported: 16
Labs Reporting: 27
Issue Date : 01/31/2019

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))	16	16	204.4	37.44	211.5	15.11	5.864	7.15%	9.686	7.15%
017	Boron (mg / kg (ppm))	10	10	145.6	16.22	146.2	11.04	5.411	7.55%	5.205	7.55%
021	Cobalt (mg / kg (ppm))	14	11	0.2069	0.1248	0.1958	0.0400	0.0344	20.45%	0.0195	20.45%
022	Copper (mg / kg (ppm))	25	24	174.0	16.01	174.2	12.82	3.124	7.36%	6.264	7.36%
023	Fluorine (mg / kg (ppm))	1	1	40.35							
024	Iodine (mg / kg (ppm))	3	3	93.06	81.83	93.06	7.525	5.430	8.09%	2.000	8.09%
034	Selenium (mg / kg (ppm))	18	17	3.419	0.4747	3.363	0.4483	0.0690	13.33%	0.3255	13.33%
036	Sulfur (%)	16	16	0.5620	0.0777	0.5554	0.0243	0.0165	4.37%	0.0188	4.37%
038	Molybdenum (mg / kg (ppm))	17	16	132.7	13.70	130.3	10.02	1.920	7.69%	6.217	7.69%
041	Vanadium (mg / kg (ppm))	6	4	0.3440	0.0638	0.3440	0.0646	0.0319	18.78%	0.0290	18.78%
516	Arsenic, Total (mg / kg (ppm))	22	22	29.20	5.597	29.49	2.835	0.8564	9.61%	1.761	9.61%
518	Cadmium (mg / kg (ppm))	23	21	0.8460	0.4909	0.7165	0.1205	0.0358	16.82%	0.0422	16.82%
520	Chromium (mg / kg (ppm))	20	18	2.500	1.028	2.412	0.3380	0.1998	14.01%	0.3982	14.01%
526	Lead (mg / kg (ppm))	21	21	82.97	10.83	83.45	6.859	1.938	8.22%	3.849	8.22%
529	Mercury (µg / kg (ppb))	12	11	54.94	19.65	60.00	13.20	2.329	22.00%	4.232	22.00%
539	Nickel (mg / kg (ppm))	15	14	2.098	1.128	1.969	0.2844	0.2391	14.45%	0.2547	14.45%

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.