



Minerals Scheme
Fish Feed
Test Material Code # 201851

Analyte Summary Report

Analytes Reported: 16
Labs Reporting: 31
Issue Date : 04/30/2018

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))	16	16	396.35	90.677	400.81	26.015	23.327	6.49%	16.746	6.49%
017	Boron (mg / kg (ppm))	11	11	69.186	11.660	70.744	5.9613	2.3043	8.43%	2.5423	8.43%
021	Cobalt (mg / kg (ppm))	20	19	9.1145	1.0109	9.1596	1.0499	0.23898	11.46%	0.43751	11.46%
022	Copper (mg / kg (ppm))	30	30	75.013	6.2991	75.651	6.3108	0.84134	8.34%	2.7207	8.34%
023	Fluorine (mg / kg (ppm))	2	2	214.50	24.042						
024	Iodine (mg / kg (ppm))	4	4	16.575	4.4982	16.575	1.7376	1.0860	10.48%	1.6000	10.48%
034	Selenium (mg / kg (ppm))	17	16	1.9624	1.0963	1.7247	0.25416	0.07357	14.74%	0.13028	14.74%
036	Sulfur (%)	16	16	0.98784	0.08426	0.99907	0.03997	0.01668	4.00%	0.04309	4.00%
038	Molybdenum (mg / kg (ppm))	19	19	39.258	3.7666	39.035	3.5972	0.77495	9.22%	2.1927	9.22%
041	Vanadium (mg / kg (ppm))	8	8	2.4965	0.75510	2.6102	0.36140	0.19923	13.85%	0.07868	13.85%
516	Arsenic, Total (mg / kg (ppm))	23	23	11.473	4.3851	12.068	1.3270	0.56296	11.00%	0.61352	11.00%
518	Cadmium (mg / kg (ppm))	20	20	0.34578	0.04067	0.34600	0.06493	0.00863	18.77%	0.02069	18.77%
520	Chromium (mg / kg (ppm))	20	19	3.1705	0.64627	3.1583	0.42493	0.16193	13.45%	0.13486	13.45%
526	Lead (mg / kg (ppm))	24	23	5.0947	0.87477	5.0004	0.62782	0.12506	12.56%	0.24200	12.56%
529	Mercury (µg / kg (ppb))	14	10	1,024.3	182.36	998.25	159.73	42.292	16.00%	33.300	16.00%
539	Nickel (mg / kg (ppm))	21	20	222.53	26.705	225.92	15.985	4.9787	7.08%	10.137	7.08%

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.