

Metals Screen
Inductively Coupled Plasma - Mass Spectrometry

Sample ID: Calcium based solid sample

	Detection			Detection	
	<u>ppm</u>	<u>Limit</u>		<u>ppm</u>	<u>Limit</u>
Aluminum	238	0.4	Mercury	ND	0.1
Antimony	1.28	0.06	Molybdenum	0.33	0.03
Arsenic	0.3	0.2	Neodymium	1.32	0.02
Barium	15.8	0.02	Nickel	ND	4
Beryllium	0.11	0.02	Niobium	0.03	0.02
Bismuth	ND	0.02	Osmium	ND	0.02
Boron	12	0.3	Palladium	0.12	0.02
Bromine	ND	1	Platinum	ND	0.02
Cadmium	0.12	0.02	Praseodymium	0.32	0.02
Calcium	MATRIX		Rhenium	ND	0.02
Cerium	1.71	0.02	Rhodium	0.07	0.02
Cesium	ND	0.02	Rubidium	ND	0.02
Chromium	7.3	0.3	Ruthenium	ND	0.02
Cobalt	0.63	0.02	Samarium	0.25	0.02
Copper	2.11	0.5	Selenium	ND	1
Dysprosium	0.24	0.02	Silver	ND	0.02
Erbium	0.15	0.02	Sodium	193	80
Europium	0.07	0.02	Strontium	165	0.02
Gadolinium	0.38	0.02	Tantalum	ND	0.02
Gallium	0.37	0.02	Tellurium	ND	0.02
Germanium	ND	0.02	Thallium	ND	0.02
Gold	ND	0.05	Thorium	0.05	0.02
Hafnium	ND	0.02	Thulium	ND	0.02
Holmium	0.05	0.02	Tin	0.12	0.02
Iodine	ND	0.6	Titanium	12.6	0.2
Iridium	ND	0.02	Tungsten	0.11	0.06
Iron	INT		Uranium	0.48	0.02
Lanthanum	1.38	0.02	Vanadium	2.27	2
Lead	0.51	0.02	Ytterbium	0.12	0.02
Lithium	0.67	0.02	Yttrium	1.91	0.02
Lutetium	ND	0.3	Zinc	3.7	0.1
Magnesium	1160	0.2	Zirconium	0.49	0.04
Manganese	71	0.2			

Date Analyzed: 10-22-99

Elements Not Analyzed: All Gases, C, P, K, S, Si, Sc, In, Tb

MATRIX = Major element INT = Interference from matrix