CERTIFICATE OF ANALYSIS

Catalog Number: sc-280064
Lot Number: SAMPLE
Product Name: Rhenium(IV) sulfide
CAS Number: 12038-63-0
Molecular Formula: ReS_2
Molecular Weight: 250.34

Test	Specification	Result
Identification (X-Ray Diffraction)		Complies
Aluminum		31 ppm
Antimony		< 1 ppm
Arsenic		< 1 ppm
Barium		2 ppm
Beryllium		< 1 ppm
Bismuth		< 1 ppm
Boron		28 ppm
Cadmium		423 ppm
Cadmium		< 1 ppm
Cesium		< 1 ppm
Chromium		7 ppm
Cobalt		< 1 ppm
Copper		3 ppm
Gallium		< 1 ppm
Germanium		< 1 ppm
Gold		< 1 ppm
Hafnium		< 2 ppm
Indium		< 1 ppm

Iron		86 ppm
Iridium		< 1 ppm
Lead		< 1 ppm
Magnesium		34 ppm
Manganese		< 1 ppm
Molybdenum		7 ppm
Nickel		4 ppm
Niobium		< 1 ppm
Osmium		< 1 ppm
Phosphorus		179 ppm
Platinum		< 1 ppm
Potassium		< 11 ppm
Rhodium		< 1 ppm
Rubidium		< 1 ppm
Ruthenium		< 1 ppm
Selenium		< 3 ppm
Silicon		100 ppm
Silver		< 1 ppm
Sodium		134 ppm
Strontium		3 ppm
Sulfur	25.62%	26.69%
Tantalum		< 1 ppm
Tellurium		< 5 ppm
Tin		< 1 ppm
Titanium		3 ppm
Thorium		< 1 ppm
Tungsten		3 ppm
Uranium		< 1 ppm

Vanadium	< 1 ppm
Zinc	12 ppm
Zirconium	< 1 ppm