



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-280064  
Lot Number: SAMPLE  
Product Name: Rhenium(IV) sulfide  
CAS Number: 12038-63-0  
Molecular Formula:  $\text{ReS}_2$   
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

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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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

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Vanadium	< 1 ppm
Zinc	12 ppm
Zirconium	< 1 ppm

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