



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250900
Lot Number: SAMPLE
Product Name: Rhodium(III) oxide
CAS Number: 12036-35-0
Molecular Formula: Rh_2O_3
Molecular Weight: 253.81

Test	Specification	Result
Appearance	Dark grey to black powder	Black powder
Identification (ICP)		Complies
Purity (Trace Metal Analysis)	≤ 2500.0 ppm	1295.3 ppm
X-Ray Powder Diffraction	Consistent with structure	Complies
Aluminum		70.0 ppm
Antimony		75.0 ppm
Arsenic		5.0 ppm
Barium		1.0 ppm
Beryllium		1.0 ppm
Bismuth		1.0 ppm
Boron		1.0 ppm
Cadmium		10.0 ppm
Calcium		37.0 ppm
Chromium		10.0 ppm
Cobalt		0.5 ppm
Copper		35.0 ppm
Iron		140.0 ppm
Iridium		70.0 ppm
Lead		1.0 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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Lithium	45.0 ppm
Magnesium	35.0 ppm
Manganese	1.2 ppm
Molybdenum	1.0 ppm
Nickel	4.5 ppm
Palladium	8.5 ppm
Platinum	4.7 ppm
Potassium	28.0 ppm
Silver	40.0 ppm
Sodium	650.0 ppm
Strontium	1.2 ppm
Tin	9.4 ppm
Titanium	1.5 ppm
Tungsten	1.0 ppm
Vanadium	0.1 ppm
Zinc	5.5 ppm
Zirconium	1.2 ppm

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