



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-250122  
Lot Number: SAMPLE  
Product Name: Holmium(III) oxide  
CAS Number: 12055-62-8  
Molecular Formula:  $\text{Ho}_2\text{O}_3$   
Molecular Weight: 377.86

Test	Result
Assay	99.995 % (REO)
Aluminum	0.3 ppm
Barium	< 1 ppm
Calcium	< 1 ppm
Cerium	< 1 ppm
Chromium	< 0.01 ppm
Copper	< 0.1 ppm
Dysprosium	< 1 ppm
Erbium	< 1 ppm
Europium	< 1 ppm
Gadolinium	3 ppm
Iron	0.9 ppm
Lanthanum	< 1 ppm
Lead	< 1 ppm
Lutetium	5 ppm
Magnesium	< 1 ppm
Manganese	< 0.1 ppm
Neodymium	< 1 ppm
Nickel	< 0.1 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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Potassium	< 1 ppm
Praseodymium	< 1 ppm
Samarium	4 ppm
Scandium	< 0.1 ppm
Silicon	10 ppm
Sodium	< 1 ppm
Terbium	< 1 ppm
Titanium	< 0.1 ppm
Thorium	< 1 ppm
Thulium	10 ppm
Uranium	< 1 ppm
Vanadium	< 0.1 ppm
Ytterbium	10 ppm
Yttrium	10 ppm
Zinc	< 0.1 ppm

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