



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-258142
Lot Number: SAMPLE
Product Name: Samarium(III) chloride
CAS Number: 10361-82-7
Molecular Formula: SmCl_3
Molecular Weight: 256.72

Test	Result
Aluminum	5 ppm
Bismuth	≤ 1 ppm
Calcium	10 ppm
Cerium	≤ 50 ppm
Chromium	≤ 1 ppm
Copper	≤ 1 ppm
Dysprosium	≤ 50 ppm
Erbium	≤ 50 ppm
Europium	≤ 100 ppm
Gadolinium	≤ 200 ppm
Holmium	≤ 10 ppm
Iron	2 ppm
Lanthanum	≤ 50 ppm
Lead	≤ 1 ppm
Lutetium	≤ 5 ppm
Magnesium	1 ppm
Manganese	≤ 1 ppm
Neodymium	≤ 100 ppm
Nickel	≤ 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	5 ppm
Praseodymium	≤ 100 ppm
Scandium	≤ 1 ppm
Silicon	10 ppm
Sodium	2 ppm
Terbium	≤ 10 ppm
Titanium	≤ 1 ppm
Thorium	≤ 1 ppm
Thulium	≤ 5 ppm
Uranium	≤ 1 ppm
Vanadium	≤ 1 ppm
Ytterbium	≤ 5 ppm
Yttrium	≤ 50 ppm
Zinc	≤ 1 ppm

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