



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-300334
Lot Number: SAMPLE
Product Name: Cerium(III) nitrate
CAS Number: 10294-41-4
Molecular Formula: $\text{Ce}(\text{NO}_3)_3$
Molecular Weight: 326.13

Test	Result
Calcium oxide	0.0005%
Cerium (IV) oxide	99.997%
Iron (III) Oxide	0.0007%
Lanthanum oxide	0.0016%
Lead (II) oxide	< 0.002%
Magnesium oxide	0.0003%
Neodymium (III) oxide	0.00026%
Praseodymium (III,IV) Oxide	0.00022%
Samarium (III) oxide	< 0.0001%
Total Rare Earth Oxides	39.52%
Yttrium (III) oxide	< 0.0001%
Zinc oxide	< 0.0005%

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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