



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-269312
Lot Number: SAMPLE
Product Name: Lanthanum(III) nitride
CAS Number: 25764-10-7
Molecular Formula: LaN
Molecular Weight: 152.91

Test	Result
Appearance (Form)	Powder
Purity (Rare Earth Oxide)	99.9%
Aluminum	5 ppm
Calcium	< 1 ppm
Cerium	200 ppm
Chromium	1 ppm
Copper	< 1 ppm
Dysprosium	< 1 ppm
Erbium	< 1 ppm
Europium	< 1 ppm
Gadolinium	< 1 ppm
Holmium	< 1 ppm
Iron	40 ppm
Lead	< 1 ppm
Lutetium	< 1 ppm
Magnesium	< 1 ppm
Manganese	2 ppm
Mercury	< 1 ppm
Neodymium	30 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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Nickel	5 ppm
Potassium	< 1 ppm
Praseodymium	10 ppm
Samarium	< 1 ppm
Scandium	< 1 ppm
Silicon	70 ppm
Sodium	< 1 ppm
Terbium	< 1 ppm
Titanium	20 ppm
Thorium	< 1 ppm
Thulium	< 1 ppm
Uranium	< 1 ppm
Vanadium	< 1 ppm
Ytterbium	< 1 ppm
Yttrium	< 1 ppm
Zinc	< 1 ppm

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