



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-258341
Lot Number: SAMPLE
Product Name: Yttrium Oxide
CAS Number: 1314-36-9
Molecular Formula: O_3Y_2
Molecular Weight: 225.81

Test	Result
Purity	> 99.999%
Content	Total REO: 99.11%
D50	4.90 μm
Calcium oxide	0.0003%
Cerium (IV) oxide	< 0.00010%
Chloride	< 0.0050%
Copper (II) oxide	< 0.0002%
Dysprosium (III) oxide	< 0.00010%
Erbium (III) oxide	0.00008%
Europium (III) oxide	< 0.00010%
Gadolinium (III) oxide	0.00005%
Holmium (III) oxide	0.00008%
Iron (III) oxide	0.00018%
Lanthanum oxide	< 0.00010%
Lead (II) oxide	< 0.0002%
Lutetium (III) oxide	0.00002%
Neodymium (III) oxide	< 0.00010%
Nickel (II) oxide	< 0.0002%
Praseodymium (III,IV) Oxide	< 0.00010%

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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Samarium (III) oxide	< 0.00005%
Silicon dioxide	0.0015%
Sodium oxide	< 0.0005%
Terbium (III,IV) oxide	< 0.00010%
Thulium (III) oxide	0.00002%
Ytterbium (III) oxide	0.00003%

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