



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-229359  
Lot Number: SAMPLE  
Product Name: Terbium(III) iodide  
CAS Number: 13813-40-6  
Molecular Formula:  $TbI_3$   
Molecular Weight: 539.64

Test	Result
Purity (Metals Basis)	> 99.95%
Impurity	Sodium and Potassium: < 1 ppm
Aluminum	1 ppm
Calcium	3 ppm
Cerium	50 ppm
Chromium	< 1 ppm
Copper	< 1 ppm
Dysprosium	3 ppm
Erbium	< 1 ppm
Europium	< 1 ppm
Gadolinium	2 ppm
Holmium	< 1 ppm
Iron	2 ppm
Lanthanum	1 ppm
Lead	0.1 ppm
Lutetium	< 1 ppm
Magnesium	< 1 ppm
Manganese	< 1 ppm
Neodymium	5 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	< 1 ppm
Praseodymium	< 1 ppm
Samarium	< 1 ppm
Silicon	8 ppm
Titanium	< 1 ppm
Thorium	< 0.2 ppm
Thulium	< 1 ppm
Uranium	< 0.2 ppm
Vanadium	0.3 ppm
Ytterbium	1 ppm
Yttrium	< 1 ppm
Zinc	< 1 ppm

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