



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-264433A
Lot Number: SAMPLE
Product Name: Thulium(III) chloride
CAS Number: 19423-86-0
Molecular Formula: $\text{TmCl}_3 \cdot x\text{H}_2\text{O}$
Molecular Weight: 275.29 (anhydrous basis)

Test	Result
Aluminum	3.75 ppm
Antimony	< 2 ppm
Barium	2.49 ppm
Calcium	52.79 ppm
Dysprosium	< 50 ppm
Erbium	< 50 ppm
Gadolinium	< 10 ppm
Holmium	< 10 ppm
Iron	1.16 ppm
Lutetium	< 10 ppm
Molybdenum	< 1 ppm
Potassium	27.18 ppm
Praseodymium	< 50 ppm
Silicon	< 2 ppm
Sodium	136 ppm
Strontium	4.8 ppm
Thulium	44.01%
Ytterbium	< 50 ppm
Yttrium	< 50 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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