



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-264432
Lot Number: SAMPLE
Product Name: Thulium Acetate
CAS Number: 39156-80-4
Molecular Formula: $C_6H_9O_6Tm$
Molecular Weight: 346.07

Test	Specification	Result
Appearance	White to pale green powder or crystalline	Very faint green powder
Identification (ICP)	Consistent with thulium component	Complies
Purity (Titration, Complexometric)	Typically 38% - 44% TM	40.4% TM
Purity (Trace Metal Analysis)		99.9%
Barium		< 1 ppm (ICP)
Calcium (ICP)		20 ppm
Cerium		1 ppm (ICP)
Dysprosium		1 ppm (ICP)
Erbium		10 ppm (ICP)
Europium		1 ppm (ICP)
Gadolinium		1 ppm (ICP)
Holmium		10 ppm (ICP)
Lanthanum		1 ppm (ICP)
Lutetium		10 ppm (ICP)
Neodymium		1 ppm (ICP)
Praseodymium		1 ppm (ICP)
Samarium		1 ppm (ICP)
Terbium		1 ppm (ICP)
Ytterbium		25 ppm (ICP)

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com

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.