



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-223882A
Lot Number: SAMPLE
Product Name: Cerium(IV) sulfate tetrahydrate
CAS Number: 10294-42-5
Molecular Formula: $\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$
Molecular Weight: 404.30

Test	Specification	Result
Appearance	Dark yellow to very dark yellow powder	Dark yellow powder
Assay	Corresponds to requirements	Complies
Trace metal analysis	Corresponds to requirements (ICP-MS)	Complies
Titration	Redox: $\geq 98\%$	101%
Chloride	$\leq 10 \text{ mg/kg}$	Complies
Copper	$\leq 10 \text{ mg/kg}$	Complies
Iron	$\leq 50 \text{ mg/kg}$	Complies
Lead	$\leq 10 \text{ mg/kg}$	Complies
Phosphorus (ICP)	$\leq 100 \text{ mg/kg}$ (as PO4)	Complies

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