



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252555
Lot Number: SAMPLE
Product Name: Cerium(III) oxalate hydrate
CAS Number: 15750-47-7
Molecular Formula: $\text{Ce}_2(\text{C}_2\text{O}_4)_3$
Molecular Weight: 544.29

Test	Specification	Result
Appearance	White powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Redox Titration)	34.0% - 44.0 % OXALATE (with KMnO_4)	36.9% OXALATE
Purity (Trace Metal Analysis)	$\geq 99.9\%$	$> 99.9\%$
Trace metal analysis	$\leq 2000 \text{ MG/KG}$ total metallic and rare earth impurities	$< 2000 \text{ MG/KG}$

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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