



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-268681  
Lot Number: SAMPLE  
Product Name: Cerium(III) sulfide  
CAS Number: 12014-93-6  
Molecular Formula:  $\text{Ce}_2\text{S}_3$   
Molecular Weight: 376.43

Test	Specification	Result
Particle Size		Fisher size(APS): 4.36 $\mu\text{m}$
X-Ray Powder Diffraction		Major $\text{Ce}_2\text{S}_3$ matches PDF 21-189 Orthorhombic
Cerium	74.45%	73.93%
Silicon		0.08%

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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