



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-250962  
Lot Number: SAMPLE  
Product Name: Samarium(III) chloride hexahydrate  
CAS Number: 13465-55-9  
Molecular Formula:  $\text{SmCl}_3 \cdot 6\text{H}_2\text{O}$   
Molecular Weight: 364.81

| Test       | Result                   |
|------------|--------------------------|
| Appearance | Yellow crystalline solid |
| Purity     | 100.4%                   |
| Samarium   | 41.42%                   |

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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