# CERTIFICATE OF ANALYSIS

*The Power to Question*

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|---|---|
| Catalog Number: | sc-239487 |
| Lot Number: | SAMPLE |
| Product Name: | Cerium(IV) oxide |
| CAS Number: | 1306-38-3 |
| Molecular Formula: | $CeO_2$ |
| Molecular Weight: | 172.11 |

| Test | Result |
|---|---|
| Appearance | Off-white powder |
| Purity | 99.6% |
| Melting Point | 2600 ºC |
| Solubility | Soluble in $H_2SO_4$; insoluble in water |

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.