

Certificate of Analysis

Date of Testing: 2025-01-07 09:16:30
Date of Next Testing: 2028-01-07 09:16:30
Product Name: **Cerium(IV) oxide-samarium doped**
CAS Number:
Specifications & Purity: < 0.5 μ m particle size, contains 20mol % samarium as dopant
Lot #: A2503943
SKU #: **C462985**
Version: **1**
Analysis #: **449645**

Parameter	Limit Values	Result
Particle size(D50)	< 0.5 (μ m)	0.07 μ m
Surface area	10-14 (m ² /g)	12.50 m ² /g
Appearance(C462985)	White to Light Yellow Powder	white to light yellow powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager