

Certificate of Analysis

Date of Testing: 2023-08-30 09:49:38
Date of Next Testing: 2026-08-29 09:49:38
Product Name: **Cerium(IV) oxide-samarium doped**
CAS Number:
Specifications & Purity: <0.5 μ m particle size, contains 20mol % samarium as dopant
Lot #: H2316232
SKU #: **C462985**
Analysis: **242049**

Parameter	Limit Values	Result
Particle size(D50)	< 0.5 (μ m)	0.04 μ m
Surface area	10-18 (m ² /g)	17.26 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