

Certificate of Analysis

Date of Testing: 2024-12-18 11:35:54

Date of Next Testing: 2028-12-17 11:35:54

Product Name: **Cerium acetate hydrate**

CAS Number: 206996-60-3

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: L2416180

SKU #: **C106112**

Version: **0**

Analysis #: **451658**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ce(Complexometric EDTA)	35-42.5 (%)	39.85 %
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	100.00 %
Acetic Acid(Titration by NaOH)	0-1.5 (%)	0.01 %
Trace Rare Earth Analysis	0-2000 (ppm)	0.00 ppm
Water by Karl Fischer	0-10 (%)	4.07 %
Appearance (C106112)	White to light tan powder or chunks	White to light tan powder or chunks
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager