

## Certificate of Analysis

Date of Testing: 2023-02-02 11:49:48  
Date of Next Testing: 2027-02-01 11:49:48  
Product Name: **Cerium acetate hydrate**  
CAS Number: 206996-60-3  
Specifications & Purity: 99.9% metals basis  
Lot #: A2330854  
SKU #: **C106112**  
**Analysis: 182067**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ce(Complexometric EDTA)	35-42.5 (%)	37.29 %
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	100.00 %
Acetic Acid(Titration by NaOH)	0-1.5 (%)	0.38 %
Trace Rare Earth Analysis	0-2000 (ppm)	38.00 ppm
Water by Karl Fischer	0-10 (%)	9.70 %
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