

## Certificate of Analysis

Date of Testing: 2023-02-02 12:30:18  
Date of Next Testing: 2027-02-01 12:30:18  
Product Name: **Cerium acetate hydrate**  
CAS Number: 206996-60-3  
Specifications & Purity: 99.99% metals basis  
Lot #: A2330814  
SKU #: **C106113**  
**Analysis: 127442**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	9.70 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
Trace Rare Earth Analysis	0-200 (ppm)	38.00 ppm
Ce(Complexometric EDTA)	35-42.5 (%)	37.29 %
Acetic Acid(Titration by NaOH)	0-1 (%)	0.38 %
Appearance (C106113)	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