

## Certificate of Analysis

Date of Testing: 2024-04-24 14:47:11  
Date of Next Testing: 2027-04-24 14:47:11  
Product Name: **Cerium(III) acetylacetonate hydrate**  
CAS Number: 206996-61-4  
Specifications & Purity: 98%  
Lot #: D2416563  
SKU #: **C486854**  
**Analysis:** **333360**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay( Complexiometric EDTA)(dry basis)	97.5-102.5 (%)	99.10000 %
Loss on drying	0-30 (%)	8.75 %
Appearance(C486854)	Yellow or Gold to Orange to Pale yellow to brown Powder or Crystals	Yellow or Gold to Orange to Pale yellow to brown Powder or Crystals
ICP: Confirms Cerium Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager