

## Certificate of Analysis

Date of Testing: 2023-09-06 10:39:15  
Date of Next Testing: 2026-09-05 10:39:15  
Product Name: **Cerium(III) acetylacetonate hydrate**  
CAS Number: 206996-61-4  
Specifications & Purity: 98%  
Lot #: I2301628  
SKU #: **C486854**  
Version: **2**  
Analysis #: **261051**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-30 (%)	11.64 %
Assay( Complexiometric EDTA)(dry basis)	97.5-102.5 (%)	101.49000 %
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