

## Certificate of Analysis

Date of Testing: 2024-08-02 15:45:48  
Date of Next Testing: 2028-08-01 15:45:48  
Product Name: **Ammonium cerium sulfate hydrate**  
CAS Number: 7637-03-8  
Specifications & Purity: Analytical Reagent, 98%  
Lot #: G2425068  
SKU #: **A110764**  
Version: **0**  
Analysis #: **395236**

Parameter	Limit Values	Result
Ce(titration with dichromate)	18.9-22.8 (%)	20.54 %
Substances not precipitated by ammonia	0-0.2 (%)	0.13 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.005 (%)	0.00 %
Other rare metals	0-0.2 (%)	0.03 %
Insoluble in sulfuric acid	0-0.05 (%)	0.00 %
Chloride (Cl-)	0-0.01 (%)	0.01 %
Appearance (A110764)	Yellow to Orange Powder	Yellow to Orange Powder
ICP: Confirms cerium and sulfur component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager