

Certificate of Analysis

Date of Testing: 2024-08-13 15:07:47
Date of Next Testing: 2027-08-13 15:07:47
Product Name: **Ammonium cerium(IV) sulfate dihydrate**
CAS Number: 10378-47-9
Specifications & Purity: ACS reagent, $\geq 94\%$
Lot #: H2407321
SKU #: **A431305**
Version: **1**
Analysis #: **345691**

Parameter	Limit Values	Result
Purity(Titration with Dichromate)	94-105.5 (%)	95.16000 %
Insoluble matter	0-0.05 (%)	0.00 %
Iron(Fe)	0-0.01 (%)	0.00 %
Phosphate(PO4)	0-0.03 (%)	0.00000 %
Appearance(A431305)	Yellow to Orange Powder or Crystals	Yellow to Orange Powder or crystals
ICP:Confirms Ce and S Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager