

## Certificate of Analysis

Date of Testing: 2022-09-20 15:30:53  
Date of Next Testing: 2026-09-19 15:30:53  
Product Name: **Ammonium ceric nitrate**  
CAS Number: 16774-21-3  
Specifications & Purity:  $\geq 99.99\%$  metals basis  
Lot #: K1829047  
SKU #: **A105053**  
**Analysis:** **137409**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
Ce By Titration with Dichromate	25-26.1 (%)	25.14%
Trace Metal Analysis	0-100 (ppm)	99.86 ppm
Appearance (A105053)	Orange Powder, Crystals and/or Chunks	Orange Powder, Crystals and/or Chunks
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager