

Certificate of Analysis

Date of Testing: 2025-01-18 09:56:53

Date of Next Testing: 2028-01-18 09:56:53

Product Name: **Ammonium iron(II) sulfate hexahydrate**

CAS Number: 7783-85-9

Specifications & Purity: $\geq 99.997\%$ metals basis

Lot #: A2514038

SKU #: **A434077**

Version: **1**

Analysis #: **337399**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Fe(Titration by KMNO ₄)	13.8-14.7 (%)	14.30 %
Trace Metal Analysis	0-30 (ppm)	3.40 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.997-100 (%)	100.00 %
Appearance(A434077)	light green to blue crystals or crystalline powder	light green to blue crystals or crystalline powder
ICP Major Analysis(Confirms Iron and Sulfur Component)	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager