

Certificate of Analysis

Date of Testing: 2023-09-01 17:02:17

Date of Next Testing: 2027-08-31 17:02:17

Product Name: **Ammonium iron sulfate dodecahydrate**

CAS Number: 7783-83-7

Specifications & Purity: 95%

Lot #: H2321083

SKU #: **A605665**

Analysis: **270750**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Potassium(K)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Nitrate(NO3)	0-0.01 (%)	0.00500 %
Sodium(Na)	0-0.02 (%)	0.00 %
Zinc(Zn)	0-0.003 (%)	0.00 %
Copper(Cu)	0-0.003 (%)	0.00 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Assay(Titration)	94.5-105.5 (%)	101.30 %
Water by Karl Fischer	44-46 (%)	45.00 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Appearance(A605665)	Pale Violet Crystals	Pale Violet Crystals
Ferrous(Fe2+)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager