

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-01 10:21:56
 Date of Next Testing: 2027-08-31 10:21:56
 Product Name: **Ammonium iron sulfate dodecahydrate**
 CAS Number: 7783-83-7
 Specifications & Purity: $\geq 95\%$
 Lot #: H2321081
 SKU #: **A605665**
 Version: **2**
 Analysis #: **270560**
 Storage Temperature: Protected from light, Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Potassium(K)	0-0.005 (%)	0.00185 %
Magnesium(Mg)	0-0.005 (%)	0.00026 %
Nitrate(NO ₃)	0-0.01 (%)	0.00500 %
Sodium(Na)	0-0.02 (%)	0.00000 %
Zinc(Zn)	0-0.003 (%)	0.00000 %
Copper(Cu)	0-0.003 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00000 %
Assay(Titration)	94.5-105.5 (%)	101.30000 %
Water by Karl Fischer	44-46 (%)	45.02000 %
Calcium(Ca)	0-0.01 (%)	0.00300 %
Appearance(A605665)	Pale Violet Crystals	Pale Violet Crystals
Ferrous(Fe ²⁺)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager