

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-10 17:21:57
Date of Next Testing: 2029-10-09 17:21:57
Product Name: **Iron nitrate nonahydrate**
CAS Number: 7782-61-8
Specifications & Purity: ACS, ≥98%
Lot #: J2509357
SKU #: **F100210**
Version: **0**
Analysis #: **586021**
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00000 %
Magnesium(Mg)	0-0.005 (%)	0.00021 %
Potassium(K)	0-0.005 (%)	0.00030 %
Assay(Titration by Na ₂ S ₂ O ₃)	98-102 (%)	99.99040 %
Chloride (Cl ⁻)	0-5 (ppm)	0.98070 ppm
Insoluble matter(c = 10 %, Dilute HNO ₃)	0-0.005 (%)	0.00020 %
Sodium(Na)	0-0.05 (%)	0.00630 %
Calcium(Ca)	0-0.01 (%)	0.00100 %
Appearance (F100210)	Off-White to Pale Purple Moist Crystals	Off-White to Pale Purple Moist Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager