

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-08-15 12:16:14
Date of Next Testing: 2028-08-14 12:16:14
Product Name: **Iron nitrate nonahydrate**
CAS Number: 7782-61-8
Specifications & Purity: ACS, 98.0-101.0%
Lot #: H2407419
SKU #: **F100210**
Version: **0**
Analysis #: **400100**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00200 %
Magnesium(Mg)	0-0.005 (%)	0.00170 %
Potassium(K)	0-0.005 (%)	0.00190 %
Assay(Titration by Na ₂ S ₂ O ₃)	98-102 (%)	99.99590 %
Chloride (Cl ⁻)	0-5 (ppm)	0.50000 ppm
Insoluble matter(c = 10 %, Dilute HNO ₃)	0-0.005 (%)	0.00010 %
Sodium(Na)	0-0.05 (%)	0.02000 %
Calcium(Ca)	0-0.01 (%)	0.00630 %
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