

Certificate of Analysis

Date of Testing: 2023-12-05 15:08:31

Date of Next Testing: 2027-12-04 15:08:31

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: ACS, 98.0-101.0%

Lot #: K2330316

SKU #: **F100210**

Analysis: **301545**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Assay(Titration by Na ₂ S ₂ O ₃)	98-102 (%)	99.99 %
Chloride (Cl ⁻)	0-5 (ppm)	1.20 ppm
Insoluble matter(c = 10 %, Dilute HNO ₃)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.05 (%)	0.01 %
Calcium(Ca)	0-0.01 (%)	0.01 %
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