

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-22 08:51:52
Date of Next Testing: 2029-02-21 08:51:52
Product Name: **Iron nitrate nonahydrate**
CAS Number: 7782-61-8
Specifications & Purity: PrimorTrace™, ≥99.999% metals basis
Lot #: B2517106
SKU #: **F100212**
Version: **0**
Analysis #: **021243**
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Trace Metal Analysis	0-20 (ppm)	11.00000 ppm
Loss on drying	35.1-45.1 (%)	40.00000 %
Purity(Based On Trace Metals Analysis)	99.999-100 (%)	99.99900 %
Fe(Titration by Na ₂ S ₂ O ₃)	13.5-14.2 (%)	13.90000 %
Appearance (F100212)	Off-White to Purple or Violet Powder or Crystals	Off-White to Purple or Violet Powder or Crystals
ICP: Confirms Iron Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager