

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-20 15:35:47

Date of Next Testing: 2027-10-19 15:35:47

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: PrimorTrace™, ≥99.999% metals basis

Lot #: J2318394

SKU #: **F100212**

Version: **0**

Analysis #: **288614**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Trace Metal Analysis	0-20 (ppm)	17.00000 ppm
Loss on drying	35.1-45.1 (%)	41.59000 %
Purity(Based On Trace Metals Analysis)	99.999-100 (%)	99.99910 %
Fe(Titration by Na ₂ S ₂ O ₃)	13.5-14.2 (%)	13.92000 %
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