

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-20 14:12:30

Date of Next Testing: 2029-12-19 14:12:30

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: L2517321

SKU #: **F100211**

Version: **1**

Analysis #: **604706**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Water by Karl Fischer	35-45 (%)	38.90390 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99590 %
Total Metallic Impurity	0-200 (ppm)	41.00000 ppm
Iron(Fe)	13.4-14.2 (%)	13.66000 %
Appearance (F100211)	Grey to Purple Powder or Crystal or Chunks	Grey to Purple Powder or Crystal or Chunks
ICP: Confirms Iron Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager