

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

### Certificate of Analysis

Date of Testing: 2025-12-20 13:49:53  
Date of Next Testing: 2029-12-19 13:49:53  
Product Name: **Iron nitrate nonahydrate**  
CAS Number: 7782-61-8  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: L2517320  
SKU #: **F100211**  
Version: **1**  
Analysis #: **604706**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	35-45 (%)	38.90 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Total Metallic Impuritie	0-200 (ppm)	41.00 ppm
Iron(Fe)	13.4-14.2 (%)	13.66 %
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