

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-28 13:32:44  
Date of Next Testing: 2029-07-27 13:32:44  
Product Name: **Iron nitrate nonahydrate**  
CAS Number: 7782-61-8  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: G2523638  
SKU #: **F100211**  
Version: **1**  
Analysis #: **535483**  
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99840 %
Total Metallic Impuritie	0-200 (ppm)	16.00000 ppm
Water by Karl Fischer	35-45 (%)	45.00000 %
Iron(Fe)	13.4-14.2 (%)	13.71000 %
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