

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-15 17:03:57

Date of Next Testing: 2029-07-14 17:03:57

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

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

Lot #: G2510624

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