

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

### Certificate of Analysis

Date of Testing: 2026-01-24 09:36:26  
Date of Next Testing: 2030-01-23 09:36:26  
Product Name: **Iron nitrate nonahydrate**  
CAS Number: 7782-61-8  
Specifications & Purity: ≥99.9% metals basis  
Lot #: A2616530  
SKU #: **F301950**  
Version: **1**  
Analysis #: **648263**  
Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99590 %
Water by Karl Fischer	35-45 (%)	38.90390 %
Fe(Titration by Na2S2O3)	13.4-14.2 (%)	13.66000 %
Trace Metal Analysis(by ICP Atomic emission)	0-1000 (ppm)	41.00000 ppm
Appearance (F301950)	Off-white to grey to purple or violet powder or crystal or chunks	Off-white to grey to purple or violet 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