

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

Certificate of Analysis

Date of Testing: 2026-03-24 10:22:14
Date of Next Testing: 2030-03-23 10:22:14
Product Name: **Iron nitrate nonahydrate**
CAS Number: 7782-61-8
Specifications & Purity: $\geq 99.9\%$ metals basis
Lot #: C2620341
SKU #: **F301950**
Version: **1**
Analysis #: **680518**
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99680 %
Water by Karl Fischer	35-45 (%)	35.57650 %
Fe(Titration by Na ₂ S ₂ O ₃)	13.4-14.2 (%)	13.65000 %
Trace Metal Analysis(by ICP Atomic emission)	0-1000 (ppm)	32.00000 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