

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-10 17:23:07

Date of Next Testing: 2029-10-09 17:23:07

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: J2509364

SKU #: **F301950**

Version: **1**

Analysis #: **586016**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99040 %
Water by Karl Fischer	35-45 (%)	37.07450 %
Fe(Titration by Na ₂ S ₂ O ₃)	13.4-14.2 (%)	14.08000 %
Trace Metal Analysis(by ICP Atomic emission)	0-1000 (ppm)	96.00000 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