

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-20 13:57:34
 Date of Next Testing: 2029-12-19 13:57:34
 Product Name: **Iron nitrate nonahydrate**
 CAS Number: 7782-61-8
 Specifications & Purity: $\geq 99.9\%$ metals basis
 Lot #: L2517349
 SKU #: **F301950**
 Version: **1**
 Analysis #: **629530**
 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 Na ₂ S ₂ O ₃)	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