

Certificate of Analysis

Date of Testing: 2024-10-16 10:11:32

Date of Next Testing: 2028-10-15 10:11:32

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

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

Lot #: J2414420

SKU #: **F301950**

Version: **1**

Analysis #: **193698**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99%
Trace Rare Earth Analysis(by ICP Atomic emission)	0-2000 (ppm)	133.00 ppm
Water by Karl Fischer	35-45 (%)	37.91%
Fe(Titration by Na ₂ S ₂ O ₃)	13.4-14.2 (%)	13.47%
Appearance (F301950)	Off-white to grey to Purple or Violet Powder	Off-white to grey to Purple or Violet Powder
ICP: Confirms Iron Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager