

Certificate of Analysis

Date of Testing: 2024-10-19 13:41:41

Date of Next Testing: 2028-10-18 13:41:41

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

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

Lot #: J2418278

SKU #: **F301950**

Version: **1**

Analysis #: **337646**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	100.00 %
Water by Karl Fischer	35-45 (%)	40.55 %
Fe(Titration by Na ₂ S ₂ O ₃)	13.4-14.2 (%)	14.20 %
Trace Metal Analysis(by ICP Atomic emission)	0-1000 (ppm)	10.00 ppm
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