

Certificate of Analysis

Date of Testing: 2025-04-12 15:13:43

Date of Next Testing: 2029-04-11 15:13:43

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

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

Lot #: D2502286

SKU #: **F301950**

Version: **1**

Analysis #: **497200**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99%
Water by Karl Fischer	35-45 (%)	41.02%
Fe(Titration by Na ₂ S ₂ O ₃)	13.4-14.2 (%)	13.61%
Trace Metal Analysis(by ICP Atomic emission)	0-1000 (ppm)	88.00 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