

Certificate of Analysis

Date of Testing: 2024-09-19 11:12:22

Date of Next Testing: 2028-09-18 11:12:22

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: 99.99% metals basis

Lot #: I2411354

SKU # **F100211**

Version **1**

Analysis #: **404123**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	35-45 (%)	38.18 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Total Metallic Impuritie	0-200 (ppm)	23.00 ppm
Iron(Fe)	13.4-14.2 (%)	13.46 %
ICP: Confirms Iron Component	Confirmed	Confirmed
Appearance (F100211)	Grey to Purple Powder or Crystal or Chunks	Grey to Purple Powder or Crystal or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager