

Certificate of Analysis

Date of Testing: 2023-06-20 15:47:46

Date of Next Testing: 2027-06-19 15:47:46

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: 99.99% metals basis

Lot #: F2310180

SKU #: **F100211**

Analysis: **207309**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	35-45 (%)	38.71 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Total Metallic Impuritie	0-200 (ppm)	69.00 ppm
Iron(Fe)	13.4-14.2 (%)	13.83 %
ICP: Confirms Iron Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (F100211)	Grey to Purple Powder or Crystal or Chunks	Grey to Purple Powder or Crystal or Chunks



John Su
QA & QC Manager