

Certificate of Analysis

Date of Testing: 2022-07-06 10:11:55

Date of Next Testing: 2026-07-05 10:11:55

Product Name: **Iron nitrate nonahydrate**

CAS Number: 7782-61-8

Specifications & Purity: 99.99% metals basis

Lot #: E2230024

SKU #: **F100211**

Analysis: **109585**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	35-45 (%)	42.31 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Total Metallic Impuritie	0-200 (ppm)	51.00 ppm
Iron(Fe)	13.4-14.2 (%)	14.01 %
Appearance (F100211)	Grey to Purple Powder or Crystal or Chunks	Grey to Purple 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