

Certificate of Analysis

Date of Testing: 2023-01-09 10:35:39
Date of Next Testing: 2027-01-08 10:35:39
Product Name: **Ferrous sulfate heptahydrate**
CAS Number: 7782-63-0
Specifications & Purity: for plant cell culture, $\geq 99\%$
Lot #: A2303117
SKU #: **F116341**
Analysis: 142039

| Parameter | Limit Values | Result |
|---|--|--|
| Purity(Titration by KMNO ₄) | 99-100 (%) | 99.90% |
| Appearance (F116341) | Faint Blue to Blue to Green Powder or Crystals | Faint Blue to Blue to Green Powder or Crystals |
| Plant cell culture test | pass | Pass |
| Solubility,Clear to lightly hazy(100 mg/ml, H ₂ O) | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager