

Certificate of Analysis

Date of Testing: 2023-01-09 10:51:47
Date of Next Testing: 2027-01-08 10:51:47
Product Name: **Ferrous sulfate heptahydrate**
CAS Number: 7782-63-0
Specifications & Purity: for plant cell culture, $\geq 99\%$
Lot #: A2303186
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