

Certificate of Analysis

Date of Testing: 2023-11-14 16:21:13
Date of Next Testing: 2027-11-13 16:21:13
Product Name: **Ferrous sulfate heptahydrate**
CAS Number: 7782-63-0
Specifications & Purity: for plant cell culture, $\geq 99\%$
Lot #: K2309052
SKU #: **F116341**
Analysis: **083195**

Parameter	Limit Values	Result
Purity(Titration by KMNO ₄)	99-100 (%)	99.42 %
Solubility,Clear to lightly hazy(100 mg/ml, H ₂ O)	pass	Pass
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
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager