

Certificate of Analysis

Date of Testing: 2022-12-15 13:18:19
Date of Next Testing: 2026-12-14 13:18:19
Product Name: **Manganese sulfate monohydrate**
CAS Number: 10034-96-5
Specifications & Purity: for plant cell culture ,for cell culture,99%
Lot #: L2205089
SKU #: **M111715**
Analysis: **143499**

Parameter	Limit Values	Result
Purity(Chelometric Titration)	98.5-101.5 (%)	100.65 %
Appearance (M111715)	Pink powder	Pink powder
Cell Culture Test	pass	Pass
Plant cell culture test	pass	Pass
Solubility , 1g in 13ml of water	Clear light pink solution	Clear light pink solution
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager