

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-06 09:20:28

Date of Next Testing: 2029-02-05 09:20:28

Product Name: **Manganese sulfate monohydrate**

CAS Number: 10034-96-5

Specifications & Purity: for plant cell culture, for cell culture

Lot #: A2522019

SKU #: **M111715**

Version: **0**

Analysis #: **459976**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Chelometric Titration)	98.5-101.5 (%)	100.51 %
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