

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-28 09:54:49  
Date of Next Testing: 2028-05-27 09:54:49  
Product Name: **Manganese chloride**  
CAS Number: 13446-34-9  
Specifications & Purity: for insect cell culture ,  $\geq 99\%$   
Lot #: E2421034  
SKU #: **M112543**  
Version: **0**  
Analysis #: **110637**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	99-100 (%)	99.65%
Appearance (M112543)	Pink powder	Pink powder
Insect cell culture test	pass	Pass
Solubility,pink clear solution(10g+75ml H <sub>2</sub> O)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager