

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-15 15:41:05

Date of Next Testing: 2029-07-14 15:41:05

Product Name: **Manganese Chloride Tetrahydrate**

CAS Number: 13446-34-9

Specifications & Purity: $\geq 99\%$

Lot #: I2126347

SKU # **M140867**

Version **1**

Analysis #: **540239**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	33-39 (%)	36.02000 %
Assay(Complexometric EDTA)	98.5-101.5 (%)	98.56000 %
Appearance (M140867)	Light red to Dark Red and Pink Powder or Crystal	Light red to Dark Red and Pink Powder or Crystal
Solubility in H ₂ O , Pink,Clear,10g+75ml H ₂ O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager