

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-06 15:07:19
 Date of Next Testing: 2029-08-05 15:07:19
 Product Name: **Manganese Chloride Tetrahydrate**
 CAS Number: 13446-34-9
 Specifications & Purity: $\geq 99\%$
 Lot #: H2504312
 SKU #: **M140867**
 Version: **1**
 Analysis #: **552191**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	33-39 (%)	35.84060 %
Assay(Complexometric EDTA)	98.5-101.5 (%)	100.36000 %
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