

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-03 14:54:21
 Date of Next Testing: 2027-10-24 14:54:21
 Product Name: **Manganese Chloride Tetrahydrate**
 CAS Number: 13446-34-9
 Specifications & Purity: Suitable for molecular biology, ≥99%(KT)
 Lot #: J2528186
 SKU #: **M109464**
 Version: **0**
 Analysis #: **601817**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
UV Absorbance 280nm	0-0.01	0.00020
UV Absorbance 260nm	0-0.01	0.00600
Purity(KT)	99-100 (%)	99.84940 %
PH at 25°C(5% in water)	4-6	4.30000
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	2.50000 ppm
DNases	none detected	none detected
Insoluble matter	pass	Pass
phosphatases	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected
Solubility in H ₂ O , Colorless and clear(0.5M, 20°C)	pass	Pass
λ, 0.5 M in H ₂ O	Pass	Pass



John Su
QA & QC Manager