

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-04 09:17:40

Date of Next Testing: 2030-02-03 09:17:40

Product Name: **Manganese chloride**

CAS Number: 13446-34-9

Specifications & Purity: ACS

Lot #: B2602436

SKU #: **M112544**Version: **0**Analysis #: **640209**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Purity Titration by EDTA	98-102 (%)	100.45 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
PH (5%, water) 25 ° C	3.5-6	4.26
Sodium(Na)	0-0.05 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Insoluble matter(C = 20g in 150ml H2O)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	4.98 ppm
Appearance (M112544)	Pink Crystals	Pink Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager