

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-02 11:36:13

Date of Next Testing: 2028-12-01 11:36:13

Product Name: **Manganese acetate tetrahydrate**

CAS Number: 6156-78-1

Specifications & Purity: $\geq 99\%$

Lot #: K2426652

SKU #: **M110793**

Version: **2**

Analysis #: **436701**

Parameter	Limit Values	Result
Water by Karl Fischer	25-32 (%)	29.35 %
Iron(Fe)	0-0.001 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Assay	99-100 (%)	99.99 %
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.02 %
Appearance (M110793)	Pink Crystals or Powder and/or Chunks	Pink Crystals or Powder and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager