

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-17 13:46:29  
Date of Next Testing: 2027-05-17 13:46:29  
Product Name: **Manganese(III) acetate dihydrate**  
CAS Number: 19513-05-4  
Specifications & Purity: 97%  
Lot #: E2411290  
SKU #: **M168281**  
Version: **1**  
Analysis #: **352781**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	9-16 (%)	13.40%
Purity(Complexometric titration)	96.5-103.5 (%)	97.50%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (M168281)	Yellow to Orange to Brown or Red-Brown Powder or Chunks or solid	Yellow to Orange to Brown or Red-Brown Powder or Chunks or solid



John Su  
QA & QC Manager