

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-27 14:56:47  
Date of Next Testing: 2025-05-26 14:56:47  
Product Name: **Manganese carbonyl**  
CAS Number: 10170-69-1  
Specifications & Purity: 98%  
Lot #: E2224136  
SKU #: **M189337**  
**Analysis: 033937**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	30-31.6 (%)	30.46 %
Assay(as Mn)	98-100 (%)	99.83 %
Appearance (M189337)	yellow to gold to dark orange powder, crystals	yellow to gold to dark orange powder, crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager