

## Certificate of Analysis

Date of Testing: 2023-05-08 17:05:15  
Date of Next Testing: 2026-05-07 17:05:15  
Product Name: **Manganese carbonyl**  
CAS Number: 10170-69-1  
Specifications & Purity: 98%  
Lot #: D2328280  
SKU #: **M189337**  
**Analysis: 206120**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	30-31.6 (%)	30.80 %
Assay(as Mn)	98-100 (%)	99.80 %
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