

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-19 15:25:13  
Date of Next Testing: 2025-09-18 15:25:13  
Product Name: **Manganese sulfide**  
CAS Number: 18820-29-6  
Specifications & Purity: 98%  
Lot #: L2104095  
SKU #: **M102479**  
**Analysis: 278130**

Parameter	Limit Values	Result
Purity	98-100 (%)	98.35 %
Mn(Complexometric titration)	60-66.3 (%)	63.60 %
Appearance (M102479)	Green to Dark Green Powder, Crystals, Granules, Chunk	Green to Dark Green Powder, Crystals, Granules, Chunk
ICP: Confirms Manganese and Sulfur Components	Conformed	Conformed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager