

## Certificate of Analysis

Date of Testing: 2022-01-20 14:02:31  
Date of Next Testing: 2024-01-20 14:02:31  
Product Name: **Manganese sulfide**  
CAS Number: 18820-29-6  
Specifications & Purity: 98%  
Lot #: D1811180  
SKU #: **M102479**  
Analysis: **068506**

Parameter	Limit Values	Result
Purity	98-100 (%)	98.16 %
Mn(Complexometric titration)	60-66.3 (%)	60.25 %
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