

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-28 08:53:45

Date of Next Testing: 2027-06-28 08:53:45

Product Name: **Manganese sulfide**

CAS Number: 18820-29-6

Specifications & Purity:  $\geq 98\%$

Lot #: F2525443

SKU #: **M102479**

Version: **0**

Analysis #: **528767**

Storage Temperature: Room temperature

| Parameter                                    | Limit Values                   | Result                         |
|----------------------------------------------|--------------------------------|--------------------------------|
| Mn(Complexometric titration)                 | 60-66.3 (%)                    | 63.84000 %                     |
| Purity                                       | 98-100 (%)                     | 98.20000 %                     |
| Appearance (M102479)                         | Green to Dark Green            | Green to Dark Green            |
|                                              | Powder,Crystals,Granules,Chunk | 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