

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-20 17:07:50

Date of Next Testing: 2028-01-19 17:07:50

Product Name: **Manganese monoxide**

CAS Number: 1344-43-0

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: A2415416

SKU #: **M105458**

Version: **0**

Analysis #: **310326**

Storage Temperature: Room temperature

| Parameter                              | Limit Values           | Result                 |
|----------------------------------------|------------------------|------------------------|
| Complexiometric EDTA (% Mn)            | 75.5-79.4 (%)          | 77.30000 %             |
| Total Metallic Impuritie               | 0-200 (ppm)            | 95.00000 ppm           |
| Purity(Based On Trace Metals Analysis) | 99.99-100 (%)          | 99.99000 %             |
| Appearance (M105458)                   | green powder or chunks | green powder or chunks |
| X-Ray Diffraction                      | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager