

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-11 16:07:34
Date of Next Testing: 2027-12-10 16:07:34
Product Name: **Manganese chloride**
CAS Number: 7773-01-5
Specifications & Purity: anhydrous, 99.99% metals basis
Lot #: L2304319
SKU #: **M122431**
Analysis: **303576**

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| Water by Karl Fischer | 0-1 (%) | 0.00 % |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%) | 99.99 % |
| Total Metallic Impuritie | 0-200 (ppm) | 100.00 ppm |
| Appearance (M122431) | Pink Beads or Powder | Pink Beads or Powder |
| ICP: Confirmed | Confirms Mn Component | Confirms Mn Component |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager