

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-09 14:24:07
Date of Next Testing: 2027-01-08 14:24:07
Product Name: **Manganese carbonate**
CAS Number: 598-62-9
Specifications & Purity: 99.95% metals basis
Lot #: A2304311
SKU #: **M111695**
Analysis: 154983

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Total Metallic Impurities | 0-500 (ppm) | 500.00 ppm |
| Mn(Complexometric EDTA) | 46.1-49.5 (%) | 46.11 % |
| Purity(Based On Trace Metals Analysis) | 99.95-100 (%) | 99.95 % |
| Appearance (M111695) | light brown powder | light brown powder |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager