

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-02 20:20:24

Date of Next Testing: 2026-08-01 20:20:24

Product Name: **Manganese**

CAS Number: 7439-96-5

Specifications & Purity: $\geq 99.9\%$ metals basis, chips

Lot #: G2215501

SKU #: **M105837**

Version: **0**

Analysis #: **107919**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.94560 %
Total Metallic Impuritie	0-1000 (ppm)	544.00000 ppm
Appearance (M105837)	Grey to green chips	Grey to green chips
ICP Major Analysis	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager