

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-23 08:43:52

Date of Next Testing: 2028-12-22 08:43:52

Product Name: **Manganese**

CAS Number: 7439-96-5

Specifications & Purity: $\geq 99\%$, flakes, thickness < 2.0 millimeters

Lot #: L2512582

SKU #: **M434717**

Version: **1**

Analysis #: **614491**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Thickness	< 2(mm)	0.00000 mm
Purity(Complexometric titration)	98.5-101.5 (%)	100.48000 %
Appearance(M434717)	Grey to Green to Brown to Black chips	Grey to Green to Brown to Black chips
ICP: Confirms Mn Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager