

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-16 19:13:55

Date of Next Testing: 2029-04-15 19:13:55

Product Name: **Manganese**

CAS Number: 7439-96-5

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

Lot #: D2511605

SKU #: **M118819**

Version: **0**

Analysis #: **490218**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.95660 %
Total Metallic Impuritie	0-1000 (ppm)	434.00000 ppm
Appearance (M118819)	Grey to green powder	Grey to green powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP Major Analysis	Confirmed to structure	Confirmed to structure



John Su
QA & QC Manager