

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-08 15:35:00
Date of Next Testing: 2026-08-07 15:35:00
Product Name: **Manganese**
CAS Number: 7439-96-5(power)
Specifications & Purity: 99.9% metals basis
Lot #: G2230110
SKU #: **M118819**
Analysis: 112646
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.94 %
Total Metallic Impuritie	0-1000 (ppm)	567.00 ppm
Appearance (M118819)	Grey to green powder	Grey to green powder
ICP Major Analysis	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager