

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-03 14:24:59

Date of Next Testing: 2027-02-02 14:24:59

Product Name: **Manganese monoxide**

CAS Number: 1344-43-0

Specifications & Purity: $\geq 99.5\%$ metals basis

Lot #: B2301222

SKU # **M105457**

Version **0**

Analysis #: **058237**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.95 %
Complexiometric EDTA (% Mn)	75.5-79.4 (%)	77.50 %
Total Metallic Impuritie	0-5000 (ppm)	473.00 ppm
Appearance (M105457)	Green Crystals or Crystalline Powder	Green Crystals or Crystalline Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager