

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-15 15:48:31

Date of Next Testing: 2029-07-14 15:48:31

Product Name: **Manganese dioxide**

CAS Number: 1313-13-9

Specifications & Purity: PureSpectra™, Spectrum pure

Lot #: G2509086

SKU #: **M101137**

Version: **1**

Analysis #: **544289**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.94700 %
Titration by KMNO4 (% Mn)	62.6-65.1 (%)	62.61000 %
Appearance (M101137)	Grey to Black Crystalline or Granular Powder	Grey to Black Crystalline or Granular Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager