

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-21 09:30:06
 Date of Next Testing: 2029-07-20 09:30:06
 Product Name: **Manganese dioxide**
 CAS Number: 1313-13-9
 Specifications & Purity: PureSpectra™, Spectrum pure
 Lot #: J2116339
 SKU #: **M101137**
 Version: **1**
 Analysis #: **543515**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.00000 %
Titration by KMNO4 (% Mn)	62.6-65.1 (%)	62.62100 %
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