

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-12 10:02:39  
Date of Next Testing: 2028-09-11 10:02:39  
Product Name: **Manganese dioxide**  
CAS Number: 1313-13-9  
Specifications & Purity: SP  
Lot #: K2005005  
SKU #: **M101137**  
Version: **1**  
Analysis #: **410189**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.90 %
Titration by KMNO4 (% Mn)	62.6-65.1 (%)	62.60 %
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