

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-14 14:56:21
Date of Next Testing: 2028-06-13 14:56:21
Product Name: **Manganese dioxide**
CAS Number: 1313-13-9
Specifications & Purity: Analytical Reagent,85%
Lot #: F2404357
SKU #: **M101135**
Version: **0**
Analysis #: **356441**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.005 (ppm)	0.00 ppm
Sulfate(SO42-)	0-0.05 (%)	0.01 %
Iron(Fe)	0-0.02 (ppm)	0.00 ppm
earth metals	0-2 (%)	1.49 %
Total carbon	0-0.01 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Assay	85-100 (%)	91.65 %
Insoluble matter in hydrochloric	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager