

## Certificate of Analysis

Date of Testing: 2023-06-09 11:23:19  
Date of Next Testing: 2027-06-08 11:23:19  
Product Name: **Manganese dioxide**  
CAS Number: 1313-13-9  
Specifications & Purity: 90%  
Lot #: E23301138  
SKU #: **M283571**  
Analysis: **126033**

Parameter	Limit Values	Result
Purity	90-100%	99.58 %
Manganese(Mn)	56.8-70.2%	57.22 %
Appearance(M283571)	Grey to black powder and/or chunks	Grey to Black Powder and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager