

## Certificate of Analysis

Date of Testing: 2022-10-14 18:36:52  
Date of Next Testing: 2026-10-13 18:36:52  
Product Name: **Manganese dioxide**  
CAS Number: 1313-13-9  
Specifications & Purity: 99.95% metals basis  
Lot #: J2213815  
SKU #: **M101140**  
Analysis: **140577**

Parameter	Limit Values	Result
Trace Metal Analysis	0-500 (ppm)	108.00 ppm
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.99 %
Appearance (M101140)	grey to black powder	grey to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager