

Certificate of Analysis

Date of Testing: 2025-02-20 13:27:36

Date of Next Testing: 2029-02-19 13:27:36

Product Name: **Manganese dioxide**

CAS Number: 1313-13-9

Specifications & Purity: $\geq 98\%$ metals basis

Lot #: B2517343

SKU #: **M118109**

Version **0**

Analysis #: **474732**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	98-100 (%)	99.99 %
Titration by KMNO4 (% Mn)	62-100 (%)	65.04 %
Total Metallic Impuritie	0-20000 (ppb)	76.00 ppb
Appearance (M118109)	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