

Certificate of Analysis

Date of Testing: 2025-07-14 15:19:17
Date of Next Testing: 2029-07-13 15:19:17
Product Name: **Manganese dioxide**
CAS Number: 1313-13-9
Specifications & Purity: $\geq 99\%$ metals basis
Lot #: G2501086
SKU #: **M118110**
Version: **0**
Analysis #: **365723**

Parameter	Limit Values	Result
Total Metallic Impuritie	0-10000 (ppm)	733.00 ppm
Titration by KMNO4 (% Mn)	62.6-65.1 (%)	64.61%
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.93%
Appearance (M118110)	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