

Certificate of Analysis

Date of Testing: 2024-11-15 09:16:08

Date of Next Testing: 2028-11-14 09:16:08

Product Name: **Manganese dioxide**

CAS Number: 1313-13-9

Specifications & Purity: $\geq 99\%$ metals basis

Lot #: K2412483

SKU #: **M118110**

Version: **0**

Analysis #: **428793**

Parameter	Limit Values	Result
Total Metallic Impuritie	0-10000 (ppm)	76.00 ppm
Titration by KMNO4 (% Mn)	62.6-65.1 (%)	65.04 %
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.99 %
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