

Certificate of Analysis

Date of Testing: 2024-08-09 09:29:02

Date of Next Testing: 2028-08-08 09:29:02

Product Name: **Manganese dioxide**

CAS Number: 1313-13-9

Specifications & Purity: 98% metals basis

Lot #: G2431366

SKU #: **M118109**

Version: **0**

Analysis #: **397665**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	98-100 (%)	99.93%
Titration by KMNO4 (% Mn)	62-100 (%)	64.61%
Total Metallic Impuritie	0-20000 (ppb)	733.00 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