

Certificate of Analysis

Date of Testing: 2022-06-24 18:13:23
Date of Next Testing: 2026-06-23 18:13:23
Product Name: **Manganese dioxide**
CAS Number: 1313-13-9
Specifications & Purity: 98% metals basis
Lot #: F2217135
SKU #: **M118109**
Analysis: **106071**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	98-100 (%)	98.67 %
Titration by KMNO4 (% Mn)	62-100 (%)	65.32 %
Total Metallic Impuritie	0-20000 (ppb)	13260.00 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