

Certificate of Analysis

Date of Testing: 2022-12-13 18:16:35

Date of Next Testing: 2026-12-12 18:16:35

Product Name: **Manganese(II,III) oxide**

CAS Number: 1317-35-7

Specifications & Purity: $\geq 99.5\%$ metals basis

Lot #: L2207196

SKU #: **M301684**

Version **0**

Analysis #: **110390**

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	1380.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.86 %
Mn(Complexometric EDTA)	71-100 (%)	73.56 %
Appearance (M301684)	brown powder	brown powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager