

Certificate of Analysis

Date of Testing: 2024-06-27 19:06:05

Date of Next Testing: 2027-06-27 19:06:05

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

CAS Number: 1317-34-6

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

Lot #: F2419295

SKU #: **M431859**

Version: **3**

Analysis #: **359616**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.59 %
Trace Metal Analysis	0-5000 (ppm)	4070.00 ppm
Assay(Titration by EDTA,Manganese)	68.2-71 (%)	69.10000 %
Appearance(M431859)	Black Powder or Crystal or Chunk(s)	Black Powder or Crystal or Chunk(s)
ICP Major Analysis Component Confirms Manganese	Confirmed	Confirmed



John Su
QA & QC Manager