

Certificate of Analysis

Date of Testing: 2024-11-18 18:33:32

Date of Next Testing: 2025-11-18 18:33:32

Product Name: **Manganese chloride**

CAS Number: 7773-01-5

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

Lot #: K2412542

SKU #: **M141247**

Version: **0**

Analysis #: **428373**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Total Metallic Impurities	0-10000 (ppm)	3407.00 ppm
Water by Karl Fischer	0-3 (%)	1.86 %
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.66 %
Appearance (M141247)	Pink Crystals or Powder and/or Chunks	Pink Crystals or Powder and/or Chunks
ICP:Confirms Manganese Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager