

Certificate of Analysis

Date of Testing: 2022-11-23 17:17:16
Date of Next Testing: 2026-11-22 17:17:16
Product Name: **Manganese nitrate hydrate**
CAS Number: 15710-66-4
Specifications & Purity: 99.999% metals basis
Lot #: K2217899
SKU #: **M191163**
Analysis: 159084
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-38 (%)	0.00 %
Trace Metal Analysis	0-20 (ppm)	12.31 ppm
Purity Based On Trace Metals Analysis	99.999-100%	99.99900 %
ICP: Confirms Mn Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager