

Certificate of Analysis

Date of Testing: 2025-07-21 14:21:30

Date of Next Testing: 2029-07-20 14:21:30

Product Name: **Manganese nitrate hydrate**

CAS Number: 15710-66-4

Specifications & Purity: PrimorTrace™, ≥99.999% metals basis

Lot #: G2510589

SKU #: **M191163**

Version: **2**

Analysis #: **534333**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-38 (%)	37.50 %
Trace Metal Analysis	0-20 (ppm)	0.00 ppm
Purity Based On Trace Metals Analysis	99.999-100 (%)	100.00000 %
ICP: Confirms Mn Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager