

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-21 14:38:20  
Date of Next Testing: 2029-07-20 14:38:20  
Product Name: **Manganese nitrate hydrate**  
CAS Number: 15710-66-4  
Specifications & Purity: PrimorTrace™, ≥99.999% metals basis  
Lot #: G2510607  
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