

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-19 10:49:59

Date of Next Testing: 2028-04-18 10:49:59

Product Name: **Lithium manganese(III,IV) oxide**

CAS Number: 12057-17-9

Specifications & Purity: electrochemical grade

Lot #: D2507502

SKU #: **L476335**

Version: **1**

Analysis #: **487764**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Titration by KMNO4 (% Mn)	59.8-61.7 (%)	59.90000 %
Trace Metal Analysis	0-20000 (ppm)	859.00000 ppm
Particle size	0-5 (µm)	4.00000 µm
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(L476335)	Very Dark Blue to Black Powder	Very Dark Blue to Black Powder



John Su
QA & QC Manager