

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-16 11:49:21
Date of Next Testing: 2027-03-16 11:49:21
Product Name: **Lithium manganese(III,IV) oxide**
CAS Number: 12057-17-9
Specifications & Purity: electrochemical grade
Lot #: C2407399
SKU #: **L476335**
Analysis: 325278
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Titration by KMNO ₄ (% Mn)	59.8-61.7 (%)	60.00 %
Trace Metal Analysis	0-20000 (ppm)	474.10 ppm
Particle size	0-5 (µm)	5.00000 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