

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-19 15:31:19

Date of Next Testing: 2029-01-18 15:31:19

Product Name: **Lithium manganese oxide**

CAS Number: 12057-17-9

Specifications & Purity: $\geq 99\%$, Spinel, powder, $< 0.5 \mu\text{m}$ particle size (BET)

Lot #: A2613099

SKU #: **L477430**

Version: **2**

Analysis #: **365737**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.30970 %
Trace Metal Analysis	0-10000 (ppm)	6903.00000 ppm
particle size(BET)	$< 0.5 (\mu\text{m})$	0.44300 μm
Appearance(L477430)	Black Powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager