



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-02 18:53:41

Date of Next Testing: 2027-11-22 18:53:41

Product Name: **Malonyl dichloride**

CAS Number: 1663-67-8

Specifications & Purity: $\geq 97\%$

Lot #: L2501079

SKU #: **M104009**

Version: **1**

Analysis #: **504889**

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

Parameter	Limit Values	Result
Density (20°C)	1.446-1.452	1.45160
Purity (Argentmetric Titration)	97-100 (%)	97.21000 %
Appearance (M104009)	yellow to brown liquid	yellow to brown liquid
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager