

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-22 16:34:12

Date of Next Testing: 2025-09-11 16:34:12

Product Name: **Malonyl dichloride**

CAS Number: 1663-67-8

Specifications & Purity: $\geq 97\%$

Lot #: L2108210

SKU #: **M104009**

Version: **1**

Analysis #: **274525**

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

Parameter	Limit Values	Result
Density (20°C)	1.446-1.452	1.44800
Refractive index n ₂₀ /D	1.46-1.464	1.46190
Purity (Argentmetric Titration)	97-100 (%)	98.77000 %
Appearance (M104009)	yellow to brown liquid	yellow to brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager