

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-06 18:09:34

Date of Next Testing: 2026-11-26 18:09:34

Product Name: **Malonyl dichloride**

CAS Number: 1663-67-8

Specifications & Purity:  $\geq 97\%$

Lot #: L2405150

SKU #: **M104009**

Version: **1**

Analysis #: **444982**

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 <sub>20</sub> /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  |



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QA & QC Manager