

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-09 10:45:50

Date of Next Testing: 2026-05-09 10:45:50

Product Name: **Methyl 3-chloro-3-oxopropionate**

CAS Number: 37517-81-0

Specifications & Purity:  $\geq 90\%$

Lot #: H2322066

SKU #: **M615708**

Version: **1**

Analysis #: **507093**

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

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(GC)                          | 90-100 (%)                 | 96.89 %                    |
| Refractive index n <sub>20</sub> /D | 1.431-1.435                | 1.43                       |
| Appearance(M615708)                 | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |
| NMR Spectrum 1H                     | Conforms to structure      | Conforms to Structure      |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager