

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-31 11:52:39

Date of Next Testing: 2024-08-30 11:52:39

Product Name: **Methyl 4-chloro-4-oxobutyrates**

CAS Number: 1490-25-1

Specifications & Purity:  $\geq 97\%$

Lot #: H2219295

SKU #: **M132641**

Version: **0**

Analysis #: **099865**

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

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Purity(GC)                              | 97-100 (%)            | 99.70500 %            |
| Purity(Titration by AgNO <sub>3</sub> ) | 96.5-103.5 (%)        | 98.88000 %            |
| Appearance (M132641)                    | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager