

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-13 16:39:21

Date of Next Testing: 2027-05-02 16:39:21

Product Name: **Ethyl chlorooxoacetate**

CAS Number: 4755-77-5

Specifications & Purity:  $\geq 98\%$

Lot #: H2202088

SKU #: **E109372**

Version: **0**

Analysis #: **432333**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.415-1.418                | 1.41680                    |
| Purity(GC)                          | 98-100 (%)                 | 99.44400 %                 |
| Density (20°C)                      | 1.226-1.234                | 1.22600                    |
| Appearance (E109372)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager