

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-13 08:59:06

Date of Next Testing: 2026-07-12 08:59:06

Product Name: **Ethyl 2-chloropropionate**

CAS Number: 535-13-7

Specifications & Purity: 97%

Lot #: I1820145

SKU #: **E100647**

**Analysis:** **110747**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 97-100 (%)            | 97.96 %               |
| Refractive index n <sub>20</sub> /D | 1.416-1.419           | 1.42                  |
| Density (20°C)                      | 1.081-1.085           | 1.08                  |
| Appearance (E100647)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager