

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-12 16:01:34

Date of Next Testing: 2026-12-11 16:01:34

Product Name: **Ethyl 2-oxocyclopentanecarboxylate**

CAS Number: 611-10-9

Specifications & Purity: 97%

Lot #: L2208183

SKU #: **E100850**

**Analysis:** **153814**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                      | 1.081-1.084                      | 1.08                             |
| Purity(GC)                          | 97-100 (%)                       | 97.40 %                          |
| Refractive index n <sub>20</sub> /D | 1.452-1.455                      | 1.45                             |
| Appearance (E100850)                | Colorless to Yellow-Green Liquid | Colorless to Yellow-Green Liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |

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

John Su  
QA & QC Manager