

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-08 13:39:12

Date of Next Testing: 2027-06-07 13:39:12

Product Name: **Ethyl 2-oxocyclopentanecarboxylate**

CAS Number: 611-10-9

Specifications & Purity:  $\geq 97\%$

Lot #: H1929172

SKU #: **E100850**

Version: **1**

Analysis #: **237738**

Storage Temperature: Room temperature, Argon charged

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                     | 1.081-1.084                      | 1.08200                          |
| Purity(GC)                         | 97-100 (%)                       | 97.47300 %                       |
| Refractive index n <sub>20/D</sub> | 1.452-1.455                      | 1.45230                          |
| Appearance (E100850)               | Colorless to Yellow-Green Liquid | Colorless to Yellow-Green Liquid |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager