

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-14 16:27:14

Date of Next Testing: 2026-09-13 16:27:14

Product Name: **Ethyl 2,4-dioxoheptanoate**

CAS Number: 36983-31-0

Specifications & Purity: 96%

Lot #: K1822090

SKU #: **E123031**

Analysis: **134585**

| Parameter            | Limit Values                                     | Result                                           |
|----------------------|--------------------------------------------------|--------------------------------------------------|
| Purity               | 96-100 (%)                                       | 96.23%                                           |
| Appearance (E123031) | colorless or white to reddish brown liquid,solid | colorless or white to reddish brown liquid,solid |
| Infrared spectrum    | Conforms to Structure                            | Conforms to Structure                            |
| Proton NMR spectrum  | Conforms to Structure                            | Conforms to Structure                            |

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

John Su  
QA & QC Manager