

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-12 09:44:19  
 Date of Next Testing: 2027-09-12 09:44:19  
 Product Name: **Diethyl ketomalonate**  
 CAS Number: 609-09-6  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: I2511761  
 SKU #: **D139071**  
 Version: **0**  
 Analysis #: **576085**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                  | Result                        |
|-------------------------------------|-------------------------------|-------------------------------|
| Purity(GC)                          | 95-100 (%)                    | 97.58000 %                    |
| Refractive index n <sub>20</sub> /D | 1.414-1.418                   | 1.41530                       |
| Density (20°C)                      | 1.126-1.149                   | 1.13180                       |
| Appearance (D139071)                | Yellow to Yellow-Green Liquid | Yellow to Yellow-Green Liquid |
| Infrared spectrum                   | Conforms to Structure         | Conforms to Structure         |



John Su  
QA & QC Manager