

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-12 15:29:48

Date of Next Testing: 2027-02-12 15:29:48

Product Name: **Diethyl ketomalonate**

CAS Number: 609-09-6

Specifications & Purity:  $\geq 95\%$ 

Lot #: E23121253

SKU #: **D139071**Version: **0**Analysis #: **469522**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                  | Result                        |
|-------------------------------------|-------------------------------|-------------------------------|
| Purity(GC)                          | 95-100 (%)                    | 97.58 %                       |
| Refractive index n <sub>20</sub> /D | 1.414-1.418                   | 1.42                          |
| Density (20°C)                      | 1.126-1.149                   | 1.13                          |
| Appearance (D139071)                | Yellow to Yellow-Green Liquid | Yellow to Yellow-Green Liquid |
| Infrared spectrum                   | Conforms to Structure         | Conforms to Structure         |

A handwritten signature in black ink that reads "John Su".John Su  
QA & QC Manager