

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-17 10:07:34  
 Date of Next Testing: 2029-07-16 10:07:34  
 Product Name: **Monoethyl Malonate**  
 CAS Number: 1071-46-1  
 Specifications & Purity:  $\geq 98\%$ (T)  
 Lot #: F2525416  
 SKU #: **M158864**  
 Version: **0**  
 Analysis #: **544639**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.427-1.431                      | 1.42728                          |
| Purity(Neutralization titration)    | 97.5-102.5 (%)                   | 102.41000 %                      |
| Appearance (M158864)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
 QA & QC Manager