

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-13 14:37:25  
Date of Next Testing: 2025-09-12 14:37:25  
Product Name: **Diethyl 1,1-Cyclopropanedicarboxylate**  
CAS Number: 1559-02-0  
Specifications & Purity: >96.0%(GC)  
Lot #: F2330041  
SKU #: **D155396**  
Analysis: **133985**

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 96-100 (%)                       | 96.49%                           |
| Density (20°C)                      | 1.058-1.064                      | 1.06                             |
| Refractive index n <sub>20</sub> /D | 1.431-1.435                      | 1.43                             |
| Appearance (D155396)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager