

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-16 17:34:29

Date of Next Testing: 2026-05-15 17:34:29

Product Name: **Diethyl Butylmalonate**

CAS Number: 133-08-4

Specifications & Purity:  $\geq 99\%$ (GC)

Lot #: E2210068

SKU #: **D154202**

Version: **0**

Analysis #: **080205**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 99-100 (%)            | 99.36600 %            |
| Refractive index n <sub>20</sub> /D | 1.422-1.424           | 1.42310               |
| Appearance (D154202)                | Colorless liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager