

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-10 16:55:01

Date of Next Testing: 2026-11-09 16:55:01

Product Name: **Diethyl Butylmalonate**

CAS Number: 133-08-4

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

Lot #: K2208421

SKU #: **D154202**

Version: **0**

Analysis #: **148867**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.80400 %
Refractive index n ₂₀ /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