

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-14 12:01:02

Date of Next Testing: 2027-01-14 12:01:02

Product Name: **Diethyl sec-Butylmalonate**

CAS Number: 83-27-2

Specifications & Purity: $\geq 95\%$ (GC)

Lot #: D23061187

SKU #: **D136739**

Version: **0**

Analysis #: **462515**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.982-0.984	0.98200
Purity(GC)	95-100 (%)	96.40000 %
Refractive index n _{20/D}	1.423-1.426	1.42300
Appearance (D136739)	Colorless to light yellow liquid	Colorless to light yellow 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