

Certificate of Analysis

Date of Testing: 2023-06-13 14:10:48

Date of Next Testing: 2025-06-02 14:10:48

Product Name: **Diethyl malonate**

CAS Number: 105-53-3

Specifications & Purity: 99%

Lot #: I2114134

SKU # **D103949**

Analysis: 240475

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.412-1.416	1.41
Purity(GC)	99-100 (%)	99.22 %
Density (20°C)	1.055-1.059	1.06
Appearance (D103949)	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