

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-10 10:29:30

Date of Next Testing: 2025-11-09 10:29:30

Product Name: **Dimethylmalonic acid**

CAS Number: 595-46-0

Specifications & Purity: $\geq 98\%$

Lot #: K2309674

SKU #: **D139051**

Version: **2**

Analysis #: **292270**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.87000 %
Purity(HPLC area)	98-100 (%)	99.46300 %
Melting point	188-193 (°C)	192.98000 °C
Appearance (D139051)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager