

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-31 15:58:08

Date of Next Testing: 2027-05-30 15:58:08

Product Name: **Malonate**

CAS Number: 141-82-2

Specifications & Purity: 99%

Lot #: E2325858

SKU #: **M305754****Analysis: 216521**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	100.09 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1N NaOH , Colorless to yellow,clear to pass slightly hazy100mg/ml		Pass
Appearance (M305754)	White Powder or Crystals or Granules or Chunks	White Powder or Crystals or Granules or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager