

Certificate of Analysis

Date of Testing: 2023-01-12 18:21:39

Date of Next Testing: 2027-01-11 18:21:39

Product Name: **Malonate**

CAS Number: 141-82-2

Specifications & Purity: 99%

Lot #: A2306309

SKU #: **M305754**

Analysis: 170001

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.83%
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