

## Certificate of Analysis

Date of Testing: 2024-07-12 15:17:27

Date of Next Testing: 2028-07-11 15:17:27

Product Name: **malonic acid**

CAS Number: 141-82-2

Specifications & Purity: 99%

Lot #: G2404330

SKU #: **M305754**

Version: **1**

Analysis #: **374967**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.58 %
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager