

Certificate of Analysis

Date of Testing: 2023-01-12 13:20:17

Date of Next Testing: 2027-01-11 13:20:17

Product Name: **Malonate**

CAS Number: 141-82-2

Specifications & Purity: 99%

Lot #: A2306797

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