

Certificate of Analysis

Date of Testing: 2022-01-25 10:13:51

Date of Next Testing: 2026-01-24 10:13:51

Product Name: **Malonate**

CAS Number: 141-82-2

Specifications & Purity: 99%

Lot #: A2218014

SKU #: **M305754**

Analysis: 075835

| Parameter | Limit Values | Result |
|---|--|--|
| Purity (Titration by NaOH) | 98.5-101.5 (%) | 99.87% |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| 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 |



John Su
QA & QC Manager