

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Malonic Acid  
**Catalog Number:** 102238  
**Lot:** SR00246

**Formula:** C<sub>3</sub>H<sub>4</sub>O<sub>4</sub>  
**CAS #:** 141-82-2  
**Physical Description:** White Crystalline Powder

**Formula Weight:** 104.06  
**Storage:** 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.73%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	132 - 139°C	133.4 - 136.3°C

Residue on Ignition: 0.11%

Loss on Drying: 0.15%

Recommended Retest Date: 06/27/2021



11/30/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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