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Certificate of Analysis

Product Description: Malonic Acid
Catalog Number: 102238
Lot: QR11502

Formula: C₃H₄O₄
CAS #: 141-82-2
Physical Description: White Powder

Formula Weight: 104.06
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.73%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	132 - 139°C	132.0 - 133.0°C

Residue on Ignition: 0.11%

Loss on Drying: 0.15%

Recommended Retest Date: 11/09/2018



11/11/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)