



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Palmitic Acid_
Catalog Number: 100905_
Lot: 1057H_

Formula: C₁₆H₃₂O₂
CAS #: 57-10-3
Physical Description: White Chunky Powder

Formula Weight: 256.43
Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.3%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	58 - 66°C	65.4-66°C

Acid Value: 218.9
Iodine Value: 0.1
Lovibond 5(1/4) Red: 0.1
Lovibond 5(1/4) Yellow: 0.4
Titer: 62.3°C
C-14: 0.2%
C-18: 0.2%
Other: 0.2%


10/01/2003 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)