

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: Palmitic Acid, Technical Grade
Catalog Number: 102553
Lot: S4705**Formula:** $C_{16}H_{32}O_2$
CAS #: 57-10-3
Physical Description: White Flakes to Powder**Formula Weight:** 256.42
Storage: 15 - 30°C

Test	Specification	Results
Identity Test	Passes	Passes
Purity	~95%	95.5%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	58 - 67°C	63.1 - 64.4°C

Acid Value (217.0 - 221.0 mg KOH/g): 217.71 mg KOH/g
Stearic Acid, wt% (≤ 7.0): 4.0%
Color, (Lovibone 5 1/4") ($\leq 2.0Y/0.2R$): 1.0Y/0.1R
Iodine Value (≤ 1.0): 0.05
Saponification Value (215.0 - 223.0): 220.0
Titer, Degrees C (58.0 - 63.0): 61.9°C
Recommended Retest Date (MM/DD/YYYY): 08/07/2021



09/01/2020 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document
<mailto:biotech@mpbio.com>
<http://www.mpbio.com>

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)