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Certificate of Analysis

Product Description: Palmitic Acid, Technical Grade
Catalog Number: 102553
Lot: QR13947**Formula:** $C_{16}H_{32}O_2$
CAS #: 57-10-3
Physical Description: White, waxy chips**Formula Weight:** 256.42
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~95%	95.2%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	58 - 67°C	62.6 - 64.5°C

Acid Value: 218.0 mg KOH/g
Myristic Acid, wt%: 0.9
Stearic Acid, wt%: 3.9
Color, (Lovibone 5 1/4"): 1.0Y/0.1R
Iodine Value: 0.13
Saponification Value: 218.5
Titer, Degrees C: 60.5
Recommended Retest Date: 04/26/2020



05/04/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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