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Certificate of Analysis

Product Description: Stearic Acid, free acid
Catalog Number: 101117
Lot: Q6129

Formula: C₁₈H₃₆O₂
CAS #: 57-11-4
Physical Description: White Crystalline Powder

Formula Weight: 284.48
Storage: 2 - 8°C, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥ 99%	99.6%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	68 - 73°C	69.2 - 70.1°C

Solubility (in hot methanol): Transparency
Purity (GC): 97.2%
Recommended Retest Date: 05/02/2021



03/03/2017 - 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)