

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

Certificate of Analysis

Product Description: Stearic Acid, free acid
Catalog Number: 101117
Lot: S6982**Formula:** C₁₈H₃₆O₂
CAS #: 57-11-4
Physical Description: White Granulate Powder**Formula Weight:** 284.48
Storage: 2 - 8°C, store under nitrogen

| Test | Specification | Result |
|---------------|----------------------|----------------------------------|
| Identity Test | Passes | Passes |
| Purity | ≥99% | 99.4% (neutralization titration) |
| FTIR | Conforms to Standard | Conforms to Standard |
| Melting Point | 68 - 73°C | 68.9 - 70.4°C |

Purity (GC): 96.8%

Solubility (hot methanol): transparent

Recommended Retest Date (MM/DD/YYYY): 08/29/2026

08/31/2021 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control ManagerThis 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)