

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Stearic Acid, free acid  
**Catalog Number:** 101117  
**Lot:** Q8957**Formula:** C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>  
**CAS #:** 57-11-4  
**Physical Description:** White Granules**Formula Weight:** 284.48  
**Storage:** 2 - 8°C, store under nitrogen

| Test          | Specification        | Result               |
|---------------|----------------------|----------------------|
| Identity Test | Passes               | Passes               |
| Purity        | ≥ 99%                | 100.2%               |
| FTIR          | Conforms to Standard | Conforms to Standard |
| Melting Point | 68 - 73°C            | 69.0 - 70.6°C        |

Solubility (in hot methanol): Transparency

Purity (GC): 96.3%

Recommended Retest Date: 10/03/2022

04/05/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
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