



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Squalene_
Catalog Number: 102948_
Lot: QR13987_

Formula: C₃₀H₅₀
CAS #: 111-02-4
Physical Description: Clear Very Pale Yellow Liquid

Formula Weight: 410.73
Storage: 15-30°C

| Test | Specification | Result |
|---------------|----------------------|----------------------|
| Identity Test | Passes | Passes |
| Purity | ≥98% | 99.8% |
| FTIR | Conforms to Standard | Conforms to Standard |

Iodine Value: 377.66
Acid Value: 0.05
Saponification Value: 0.05
Refractive Index: 1.4963
Specific Gravity: 0.857
Recommended Retest Date: 05/01/2019

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

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<mailto:biotech@mpbio.com>
<http://www.mpbio.com>

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)