



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: S3842_

Formula: C₃₀H₅₀

CAS #: 111-02-4

Physical Description: Clear, Colorless Liquid

Formula Weight: 410.73

Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	99.88%
FTIR	Conforms to Standard	Conforms to Standard

Specific Gravity: 0.856

Refractive Index: 1.496

Peroxide Value: 0.3 mEq/kg

Acid Value: <0.2 mg KOH/g

Iodine Value: 365g (I₂)/100g (oil)

Saponification Value: <0.2 KOH/g

PCB: <50 ppb

Heavy Metals: < 1 ppm

Recommended Retest Date (MM/DD/YYYY): 07/31/2022

03/20/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

This 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)