



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: Sesame Oil
Catalog Number: 156621
Lot: 4061K

Formula: N/A CAS #: 8008-74-0 Physical Description: Clear Light Yellow Viscous Oil	Formula Weight: N/A Storage: Room Temperature
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Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

Color (Lovibond) 5¼": 15Y/1.8R
Free Fatty Acid: 0.05 ml/10 g
Solidification Range of F/A: 24.0°C
Iodine Value: 114.42
Saponification Value: 194.60
Unsaponifiable Matter: 0.48%
Moisture & Impurities: 0.01%
Peroxide Value: 1.0 meq/kg
Cottonseed Oil: Absent
Heavy Metals: <0.001%
Cold Test (remains clear @ 8°C): 10 hours
Specific Gravity (25°C): 0.9200
C-16:0 - Palmitic: 8.25
C-18:0 - Stearic: 4.68
C-18:1- Oleic: 37.12
C-18:2- Linoleic: 47.01
C-18:3 - Linolenic: 0.34
Organic Volatile Impurities: Conforms

06/10/2009 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

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<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)