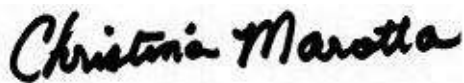


MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: 1,1,3,3-Tetramethoxypropane
Catalog Number: 156812
Lot: M7546**Formula:** C₇H₁₆O₄
CAS #: 102-52-3
Physical Description: Clear, Colorless Liquid**Formula Weight:** 164.20
Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

Refractive index: 1.4074 @ 20°C
Assay (GC): 98.4%08/28/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis 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)