



MP Biomedicals, LLC

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### Certificate of Analysis

**Product Description:** Glycerol  
**Catalog Number:** 151194  
**Lot:** QR12183

**Formula:** C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>      **Formula Weight:** 92.09  
**CAS #:** 56-81-5      **Storage:** Room Temperature  
**Physical Description:** Clear, Colorless, Viscous Liquid

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	5.0-7.5	6.89

Purity: 100.0%  
UV(80% aq soln): no significant peaks in UV range  
Lead: <5 ppm  
Specific Gravity: 1.2605  
Color (APHA): 10  
Fatty Acids & Esters: <1.0 ml NaOH  
Residue on Ignition: <0.01%  
Chlorides: <10 ppm  
Sulfates: <20 ppm  
Chlorinated Compounds: <30 ppm  
Identificaton A (USP): Meets Requirements  
Identificaton B (USP): <0.1%  
Identificaton C (USP): Meets Requirements  
Water: 0.12712%  
Organic Impurities: 0.123%  
Recommended retest date: 10/18/2018

*J Huang*  
04/26/2016 - John Huang, PhD

MP Biomedicals, LLC.  
Quality Control Manager

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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)