

**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: L-Glucose_

Catalog Number: 101787_

Lot: 8061F_

Formula: $C_6H_{12}O_6$

CAS #: 921-60-8

Physical Description: White Powder

Formula Weight: 180.16

Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	144 - 155°C	152.1-154.0°C
Loss on Drying	<0.8%	0.42%
Optical Rotation (c=4, H ₂ O, NH ₄ OH)	-50° to -60°	-52.6°

HPLC: 99%

Ash: 0.001%

Heavy Metals: <1 ppm

04/30/2003 - Joseph Dietz, Ph.D.

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)