



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: D-(+)-Mannose_
Catalog Number: 102250_
Lot: 9435K_

Formula: C₆H₁₂O₆

CAS #: 3458-28-4

Physical Description: White Powder

Formula Weight: 180.16

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#98%	100%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	129 - 140°C	~135°C
Loss on Drying	#0.5%	0.4%
Optical Rotation	+14.5 ± 1° (c=4, H ₂ O, 24 hour)	15.42°
Heavy Metals	#10 ppm	<5ppm
Residue on Ignition	#0.1%	0.1%

Bulk Density: 0.35 g/ml

Christina Marotta

01/28/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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)

