



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-(+)-Trehalose Dihydrate_
Catalog Number: 153948_
Lot: R16606_

Formula: C₁₂H₂₂O₁₁·2H₂O

CAS #: 6138-23-4

Physical Description: White Powder

Formula Weight: 378.3

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.3%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	201 - 212°C	208.8 - 210.4°C
Loss on Drying	≤9.5%	0.05%
Optical Rotation	+176° ± 5° (c=2, water)	Passes

04/24/2003 - Joseph Dietz, Ph.D.

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)