



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: D-(+)-Trehalose Dihydrate_
Catalog Number: 153948_
Lot: 88228_

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%	99.0%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	201 - 212°C	205.2 - 206.3°C
Optical Rotation	+177° to 183° (c=2, water)	+178.5°


03/06/2000 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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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)