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Certificate of Analysis

Product Description: D-(+)-Trehalose Dihydrate_
Catalog Number: 153948_
Lot: 5349B_

Formula: C₁₂H₂₂O₁₁·2H₂O

CAS #: 6138-23-4

Physical Description: White crystals

Formula Weight: 378.3

Storage: Room temperature

Test	Specification	Results
Purity	99 + %	99.6%
FTIR	Conforms to standard	Conforms to standard
Melting point	206-215 C	207-210 ^o C
Optical Rotation	+ 170 ^o to 185 ^o (C=2, H ₂ O)	Passes

Additional Test for information only:

Loss on Drying: 0.09%

Approved - 05/05/99 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

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<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)