



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** D-(+)-Trehalose Dihydrate\_  
**Catalog Number:** 153948\_  
**Lot:** R7737\_

**Formula:** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>·2H<sub>2</sub>O

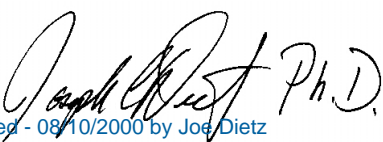
**CAS #:** 6138-23-4

**Physical Description:** White Powder

**Formula Weight:** 378.33

**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
Optical Rotation	+177° to 183° (c=2, water)	Passes

  
Approved - 08/10/2000 by Joe Dietz  
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)