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Certificate of Analysis

Product Description: D-(+)-Trehalose Dihydrate_
Catalog Number: 153948_
Lot: R7804_

Formula: C₁₂H₂₂O₁₁·2H₂O
CAS #: 6138-23-4
Physical Description: White Crystals

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 |


07/26/2000 - 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)