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Certificate of Analysis

Product Description: D-(+)-Trehalose Dihydrate_
Catalog Number: 153948_
Lot: MR29899_

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%	99.1%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	8.5 - 10.5%	9.18%

Residue on Ignition: 0.00%
Arsenic: #1 ppm
Coliform: Negative
Coloration (30% aq soln): 0.006
Heavy Metals (Pb): <1 ppm
pH (30% aq soln): 5.69
Turbidity (30% aq soln): 0.000
Viable Count: 0.0 cfu/g

Christina Marotta

11/26/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document
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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)