



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: D-(+)-Trehalose Dihydrate_
Catalog Number: 153948_
Lot: QR10346_

Formula: C₁₂H₂₂O₁₁·2H₂O

CAS #: 6138-23-4

Physical Description: White Crystalline Powder

Formula Weight: 378.3

Storage: Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	#99%	99.1%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	8.5 - 10.5%	9.26%

Residue on Ignition: 0.00%

Arsenic: #1 ppm

Coliform Organisms: Negative

Coloration of Solution (30% aq soln): 0.003

Heavy Metals (Pb): #1 ppm

pH (30% aq soln): 5.57

Turbidity of Solution (30% aq soln): 0.00

Viable Count: 0 cfu/g

Recommended retest date:04/30/2017

03/13/2015 - Christina Marotta

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)

