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Certificate of Analysis

Product Description: D-(+)-Trehalose Dihydrate_
Catalog Number: 153948_
Lot: QR12362_

Formula: C₁₂H₂₂O₁₁·2H₂O

CAS #: 6138-23-4

Physical Description: White Powder

Formula Weight: 378.3

Storage: Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	#99%	99.5%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	8.5 - 10.5%	9.07%

Residue on Ignition: 0%

pH(30% aq. solution): 5.9

Arsenic: #1 ppm

Coliform: Negative

Coloration of solution (30% aq. solution): 0.005

Heavy Metals (Pb): <5 ppm

Turbidity of solution (30% aq soln): 0.000

Viable Count: 0 cfu/g

Recommended Retest Date: 6/8/2021

06/23/2016 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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mailto:biotech@mpbio.com
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