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Certificate of Analysis

Product Description: D-(+)-Trehalose Dihydrate
Catalog Number: 103097
Lot: M5462

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	≥98%	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

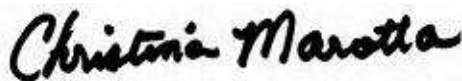
Coloration (30% aq soln): 0.006

Heavy Metals (Pb): <1 ppm

pH (30% aq soln): 5.69

Turbidity (30% aq soln): 0.000

Viable Count: 0.0 cfu/g



11/21/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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