

## Certificate of Analysis

**Product Description:** D-(+)-Trehalose Dihydrate, cell culture reagent

**Catalog Number:** 194756

**Lot:** YC12031

**Formula :** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>·2H<sub>2</sub>O

**CAS #:** 6138-23-4

**Physical Description:** White Crystalline Powder

**Formula Weight:** 378.3

**Storage:** 15 - 30 °C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.7% (Dried Basis)
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	8.5 - 10.5%	8.6%

Residue on Ignition: 0.017%

pH (30% solution): 6.0

Color in Solution (30% solution): 0.001

Turbidity (30% solution): 0.001

Total Aerobic Count: 10 CFU/g

Recommended Retest Date (MM/DD/YYYY): 06/06/2025



01/11/2023- Lily Liu

MP Biomedicals, LLC.

QM

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)