

Certificate of Analysis

Product Description: D-(+)-Trehalose Dihydrate**Catalog Number:** 153948**Lot:** YD05040**Formula :** C₁₂H₂₂O₁₁·2H₂O**CAS #:** 6138-23-4**Physical Description:** White Crystal 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



06/02/2023 - Lily Liu

MP Biomedicals, LLC.

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