

# CERTIFICATE OF ANALYSIS

Product Description TREHALOSE DIHYDRATE  
Product Number T7968  
Lot Number 13H7968001  
Molecular Weight 378.33  
Formula  $C_{12}H_{22}O_{11} \cdot 2H_2O$   
CAS Number 6138-23-4  
Storage Temperature Room Temperature

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH ( g/L)	Under Development	4.6
Physical Appearance Color* Texture	Under Development Fine Powder to Crystals	PM-1 White Fine Powder
Solution Appearance Color Clarity	Under Development Clear	Colorless Clear
Average Time to Dissolve	Within 10 minutes	Passes
Insolubles	None	Passes
Purity	Minimum 98.0%	99.40%
FTIR	Conforms to Structure	Passes

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate is plant-derived. No animal-derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Date of Release: 14-February-2024

Recommended Shelf-Life Date: February 2029



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