CERTIFICATE OF ANALYSIS

Product Description	TREHALOSE DIHYDRATE
Product Number	T7968
Lot Number	13H7968001
Molecular Weight	378.33
Formula	C12H22O11·2H2O
CAS Number	6138-23-4
Storage Temperature	Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (g/L)	Under Development	6.4
Physical Appearance		
Color*	Under Development	RM-1 Off White
Texture	Fine Powder to Crystals	Fine Powder
Solution Appearance		
Color	Under Development	Colorless
Clarity	Clear	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.

***Phyto*Technology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. *Phyto*Technology Laboratories® 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.**

Recommended Shelf Life Date: August 2021



Gary Seckinger, Ph.D.

P*hyto*Technology Laboratories®
Dedicated to Growth

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