

# CERTIFICATE OF ANALYSIS

Product Description      TREHALOSE-6-PHOSPHATE  
Product Number         T8150  
Lot Number                HCE8150001  
Storage Temperature    -20°C  
Molecular Weight        498.46 g/mol  
Formula                    C<sub>12</sub>H<sub>21</sub>O<sub>14</sub>PK<sub>2</sub>  
CAS Number                136632-28-52

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 50 mg/mL	Passes
Physical Appearance	White powder or crystals	White powder/crystals
Identification (NMR)	Conforms to Structure	Conforms to Structure
Water Content (Karl Fischer)	≤10%	4.6%
Purity (HPLC)	≥ 95%	99.6%
Potassium (K), anhydrous basis	14.0-17.3%	15.8%

**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.**

Product Release Date: 25-January-2024  
Recommended Shelf-Life Date: January 2027



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