

CERTIFICATE OF ANALYSIS

Product Description TREHALOSE-6-PHOSPHATE
Product Number T8150
Lot Number HGE8150003
Storage Temperature -20°C
Molecular Weight 498.46 g/mol
Formula C₁₂H₂₁O₁₄PK₂
CAS Number 136632-28-52

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 50 mg/mL	Passes
Physical Appearance		
Color*	White to Off-White	2022-60
Texture	Powder or Crystals	Powder/Crystals
Identification (NMR)	Conforms to Structure	Conforms to Structure
Water Content (Karl Fischer)	≤10%	5.0%
Purity (HPLC)	≥ 95%	99.9%

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

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Product Release Date: 05-September-2024
Recommended Shelf-Life Date: September 2027



David Hart
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