



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

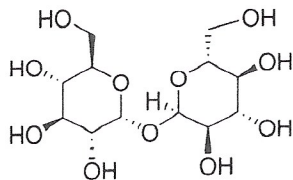
Catalogue Number 024067
Lot Number E 367
Product **D(+)-Trehalose dihydrate**

α,α -Trehalose dihydrate

α -D-Glucopyranosyl- α -D-glucopyranoside dihydrate

CAS Number 6138-23-4
Molecular Formula $C_{12}H_{22}O_{11} \cdot 2H_2O$
Molecular Weight 378.3

Appearance White to off white powder
Solubility Clear, colorless solution (10% in water)
Water Content (Karl Fisher) 9.4%
Optical Rotation $[\alpha] = +179.9^\circ$ (C=7% in H₂O)
Sulfated Ash < 0.1%
Purity by TLC > 98%
Storage Store at RT



· 2 H₂O

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