



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 024177
Product Maltotriose hydrate

Lot Number 001684-20151104
 α -D-1,4-Glucotriose hydrate

CAS Number 1109-28-0
Molecular Formula $C_{18}H_{32}O_{16}$

Molecular Weight 504.44

Appearance	White to off-white crystalline powder
Solubility	Readily soluble in water. Insoluble in organic solvents.
Optical Rotation	$[\alpha]_D^{20} = +158.4^\circ$ (C=1 in H_2O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.61%
Residue On Ignition	0.1%
1H NMR	Conforms to structure
Purity by HPLC	98.2%
Purity by TLC	> 98%
Storage	Store at 0-8 °C

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