

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	21618
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 ₂ O)
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
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager