

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	32179
Lot Number	001435-065780901
Product	Maltulose monohydrate 4-O- α -D-Glucopyranosyl-D-fructose
CAS Number	17606-72-3 (anhydrous), 207511-09-9 (monohydrate)
Molecular Formula	C ₁₂ H ₂₂ O ₁₁ •H ₂ O
Molecular Weight	360.32

Appearance	White crystalline powder
Solubility	Clear, colorless solution (5% in water)
Water Content (Karl Fisher)	5.85%
Optical Rotation	[α] ²⁰ _D = 52.2 ° (C=5 in water, 1 h)
Infrared Spectrum	Conforms to structure
Purity by HPLC	99.3%
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