

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

Product Specifications

Catalogue Number	32415
Product	D-(+)-Melezitose hydrate
	α -D-Glc-[1→3]- β -D-Fru-[2→1]- α -D-Glc
CAS Number	207511-10-2
Molecular Formula	C ₁₈ H ₃₂ O ₁₆ •H ₂ O
Molecular Weight	504.44

Appearance	White to almost white powder
Appearance of Solution	Colorless solution
Solubility (Turbidity)	Clear solution (50 mg/ml in water)
Water Content (Karl Fisher)	≤ 7%
Optical Rotation	[α] _D ²⁰ = +86.8 to 89.2 ° (C=4 in water)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at RT

For Laboratory Use Only