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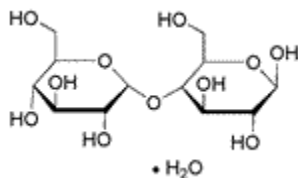
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	30787
Product	D-Maltose monohydrate
	4- <i>O</i> - α -Glucopyranosyl-D-glucose monohydrate
	4- <i>O</i> - α -D-Glucopyranosyl-D-glucopyranose monohydrate
CAS Number	6363-53-7
Molecular Formula	C ₁₂ H ₂₂ O ₁₁ •H ₂ O
Molecular Weight	360.32
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Appearance	White or almost white
Anion	Chloride (Cl): \leq 200 ppm Sulfate (SO ₄ ²⁻): \leq 240 ppm
Cation	Lead (Pb) \leq 5 ppm Arsenic (As): \leq 1 ppm
Water Content (Karl Fisher)	4.5-6.5%
pH	4.5-6.5
Optical Rotation	[α] _D ²⁰ = 135°-139 °C (80 °C, 4 hr)
Residue On Ignition	\leq 0.1%
Sulfated Ash	\leq 0.1%
Purity by HPLC	\geq 98%
Storage	Store at RT

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For Laboratory Use Only