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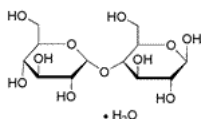
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	30786
Product	D-Maltose hydrate (Low Endotoxins), 4- <i>O</i> - α -Glucopyranosyl-D-glucose hydrate (Low Endotoxins)
CAS Number	6363-53-7
Molecular Formula	C ₁₂ H ₂₂ O ₁₁ •xH ₂ O
Molecular Weight	342.32

Appearance	White powder
Heavy Metals	≤ 5 ppm (as Pb)
Water Content (Karl Fisher)	4.5-6.5%
pH	4.0-5.5
Yeast and Mold	≤ 100 cfu/g
Infrared Spectrum	Conforms to standard
Residual Solvents	Methanol: ≤ 300 ppm ; Ethanol: ≤ 600 ppm
Endotoxin Test	≤ 1.0 EU/g
Microbial Count	≤ 100 cfu/g (total aerobic)
Related Substances	Dextrin, starch & sulfite: Conforms to standard
Residue On Ignition	≤ 0.05%
Assay	≥ 97%
Grade	High Purity, USP, NF
Storage	Store at RT
Additional Information	Elemental Impurities: Conforms to standard

For Laboratory Use Only