

Chem-Impex International, Inc.

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Wood Dale, IL 60191

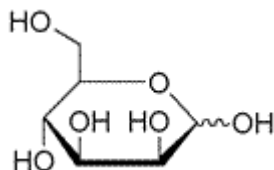
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00696
Product	D-Mannitol 1,2,3,4,5,6-Hexanehexol
CAS Number	69-65-8
Molecular Formula	C ₆ H ₁₄ O ₆
Molecular Weight	182.17
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Appearance	White crystalline powder
Appearance of Solution	Clear and colorless solution
Melting Point	165 - 170 °C
Cation	Nickel : ≤ 1 µg/g
Conductivity	≤ 20 µS/cm
Mould and Yeast	≤ 100 cfu/g (Total combined molds and yeasts)
Infrared Spectrum	Conforms to structure
Reducing Sugars	≤ 0.1%
Loss on Drying	≤ 0.5%
Bacterial Endotoxins	≤ 2.5 IU/g
E. Coli	Absence
Microbial Count	≤ 1000 cfu/g (TAMC)
Related Substances	Disregard limit : ≤ 0.05% Sorbitol : ≤ 2% Sum of isomalt and maltitol : ≤ 2% Unspecified impurities : ≤ 0.10% Total impurities: ≤ 2%
Assay	97 - 102% (on dried basis)
Grade	USP
Storage	Store at RT

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For Laboratory Use Only