

Chem-Impex International, Inc.

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Wood Dale, IL 60191

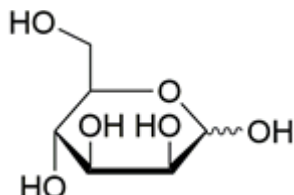
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	38872
Product	D(+)-Mannose D-Mannopyranose
CAS Number	3458-28-4
Molecular Formula	C ₆ H ₁₂ O ₆
Molecular Weight	180.16

Appearance	White crystalline powder
Odor	Odorless to slightly sweet odor
Melting Point	124 - 136 °C
Bulk density	0.25 - 0.60 g/cm ³
Heavy Metals	≤ 10 µg/g
Cation	Arsenic (As): ≤ 1 µg/g Lead (Pb): ≤ 1 µg/g Mercury (Hg): ≤ 0.5 µg/g Cadmium (Cd): < 0.5 µg/g
Mould and Yeast	≤ 100 cfu/g
Optical Rotation	[α] ²⁰ _D = 13 - 15 °
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5%
Residual Solvents	Complies
E. Coli, Salmonella, S.Aureus	Absence
Microbial Count	Total Plate Count: ≤ 1000 cfu/g
Mesh Size	90% through 20 mesh, 70-100% through 80 mesh
Particle Size	≥ 90% through 20 mesh 70-100% through 80 mesh
¹ H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Grade	Suitable for cell culture
Storage	Store at RT

Product Specifications

Catalog Number: 38872

Additional Information	Total Coliforms: ≤ 10 cfu/g Pesticide residue: Conforms Aflatoxins: ≤ 20 ppb Tapped density : 0.46 - 0.80 g/cm ³
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For Laboratory Use Only