

Chem-Impex International, Inc.

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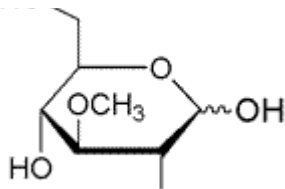
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	27760
Product	3-O-Methyl-α-D-glucopyranose
CAS Number	13224-94-7
Molecular Formula	C ₇ H ₁₄ O ₆
Molecular Weight	194.18

Appearance	White or off-white powder
Solubility	Readily soluble in water and almost insoluble in ether
TLC System	15% Sulfuric acid - Ethanol
Optical Rotation	[α] _D ²⁰ = 55 - 57 ° (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5%
Residue On Ignition	≤ 0.5%
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Purity by TLC	One spot
Storage	Store at 0 - 8 °C

For Laboratory Use Only