

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	32336
Product	1,2,3,4,6-Penta-O-acetyl-D-mannopyranose
Lot Number	001902-405-1
	D-Mannose pentaacetate
CAS Number	25941-03-1, 4163-65-9
Molecular Formula	C ₁₆ H ₂₂ O ₁₁
Molecular Weight	390.34

Appearance	White powder
Melting Point	60.0 - 61.5 °C
Water Content (Karl Fisher)	0.3%
Optical Rotation	[α] ²⁰ _D = 36.7 ° (C=2 in Aceton)
Loss on Drying	0.1%
Purity by GC	78.4% (a-isomer) 21.6% (b-isomer)
Purity by TLC	Conforms to reference
Storage	Store at ≤ -10 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager