

Chem-Impex International, Inc.

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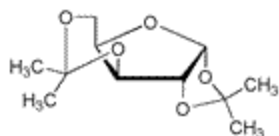
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	21752
Product	1,2:3,5-Di-o-isopropylidene-α-D-xylofuranose
	1,2,3,5-Di-o-isopropylidene-α-D-xylofuranose
CAS Number	20881-04-3
Molecular Formula	C ₁₁ H ₁₈ O ₅
Molecular Weight	230.26

Appearance	White crystalline powder
Solubility	Soluble in Chloroform and insoluble in water
Melting Point	38-47 °C
Heavy Metals	≤ 20 ppm
TLC System	One spot (15% H ₂ SO ₄ - Ethanol)
Optical Rotation	[α] _D ²⁰ = +18 ± 2° (C=3 in Acetone)
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
Assay	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only