

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	21752
Lot Number	001684-20120208
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	43-45 °C
Heavy Metals	< 20 ppm
TLC System	One spot (15% H ₂ SO ₄ - Ethanol)
Optical Rotation	[α] _D ²⁰ = +19.4° (C=3 in Acetone)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	< 0.5%
Residue On Ignition	0.05%
¹H NMR	Conforms to structure
Assay	99.2%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 21752

Lot Number: 001684-20120208

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager