

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	27755
Lot Number	001684-2013-06-21
Product	Tri-O-benzyl-D-glucal

CAS Number	55628-54-1
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Molecular Formula	C ₂₇ H ₂₈ O ₄
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Molecular Weight	416.51
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Appearance	White to off-white crystal powder
Solubility	Easily soluble in Chloroform, insoluble in water
Melting Point	55-57 °C
Water Content (Karl Fisher)	0.02%
Optical Rotation	[α] _D ²⁵ = -2.7° (C=5 in Chloroform)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Residual Solvents	Dibenzyl ether: 0.12%
Related Substances	Total impurity: 0.9%
Residue On Ignition	0.1%
¹H NMR	Conforms to structure
Purity by HPLC	99.2%
Storage	Store at 0-8 °C

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Lot Number: 001684-2013-06-21

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