

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

Catalogue Number	27249
Lot Number	001684-20120401
Product	α-D-Glucopyranose pentabenzoate

1,2,3,4,6-Penta-*O*-benzoyl- α -D-glucose

1,2,3,4,6-Penta-*O*-benzoyl- α -D-glucopyranose

CAS Number	22415-91-4
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Molecular Formula	C ₄₁ H ₃₂ O ₁₁
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Molecular Weight	700.69
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Appearance	White crystalline powder
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Solubility	Soluble in Chloroform and insoluble in water
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Melting Point	183-185 °C
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Water Content (Karl Fisher)	0.2%
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Optical Rotation	$[\alpha]_D^{20} = +127.3^\circ$ (C=1 in CHCl ₃)
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Infrared Spectrum	Conforms to standard
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Purity by HPLC	98.6%
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Purity by TLC	Single spot
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Storage	Store at 0-8°C
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Remarks	See material safety data sheet for additional information
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For laboratory use only

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



Bala Kumar
Quality Control Manager