

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	21269
<b>Lot Number</b>	001684-20120208
<b>Product</b>	<b>Heptyl-<math>\beta</math>-D-glucopyranoside</b>

n-Heptyl- $\beta$ -D-glucopyranoside

<b>CAS Number</b>	78617-12-6
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>26</sub> O <sub>6</sub>
<b>Molecular Weight</b>	278.34

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -32.8° (C=5 in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	$\lambda_{\max}$ 260 nm = < 0.3
<b>Loss on Drying</b>	0.2%
<b>Residue On Ignition</b>	0.1%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.8%
<b>Purity by TLC</b>	One spot
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	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