

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	21718
<b>Lot Number</b>	001684-20180201
<b>Product</b>	<b>Phenyl <math>\alpha</math>-D-glucopyranoside</b>
	Ph- $\alpha$ -D-Glc
<b>CAS Number</b>	4630-62-0
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>16</sub> O <sub>6</sub>
<b>Molecular Weight</b>	256.25

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<b>Appearance</b>	White crystal powder
<b>Solubility</b>	Soluble in hot water, insoluble in ether
<b>Heavy Metals</b>	< 20 ppm
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residue On Ignition</b>	0.1%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.7%
<b>Purity by TLC</b>	One spot
<b>Storage</b>	Store at 0-8 °C

**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



**Bala Kumar**  
Quality Control Manager