

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	27248
<b>Product</b>	<b>2,3,4,6-Tetra-O-benzoyl- <math>\alpha</math>-D-glucopyranosyl bromide</b> $\alpha$ -D-Glucopyranosyl bromide tetrabenzoate
<b>CAS Number</b>	14218-11-2
<b>Molecular Formula</b>	C <sub>34</sub> H <sub>27</sub> BrO <sub>9</sub>
<b>Molecular Weight</b>	659.48

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Insoluble in water, easily soluble in CHCl <sub>3</sub>
<b>Heavy Metals</b>	< 20 ppm
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<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>Assay</b>	≥ 98%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**