

# Chem-Impex International, Inc.

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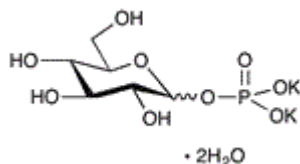
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	32268
<b>Product</b>	<b>Glucose 1-phosphate dipotassium salt</b>
<b>CAS Number</b>	29732-59-0
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> K <sub>2</sub> O <sub>9</sub> P•2H <sub>2</sub> O
<b>Molecular Weight</b>	372.34

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<b>Appearance</b>	White powder
<b>Solubility</b>	Colorless to faint yellow (50 mg/mL in Water)
<b>Solubility (Turbidity)</b>	Clear to slightly hazy (50 mg/mL in Water)
<b>Water Content (Karl Fisher)</b>	≤ 12%
<b>Inorganic Impurities</b>	≤ 0.25% (Phosphorus)
<b>Related Substances</b>	Potassium (K) anhydrous basis : 20.3 - 26.2%
<b>Purity by HPLC</b>	≥ 97%
<b>Storage</b>	Store at - 20 °C

**For Laboratory Use Only**