

Chem-Impex International, Inc.

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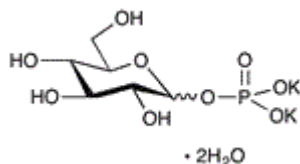
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

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

Appearance	White powder
Solubility	Colorless to faint yellow (50 mg/mL in Water)
Solubility (Turbidity)	Clear to slightly hazy (50 mg/mL in Water)
Water Content (Karl Fisher)	≤ 12%
Inorganic Impurities	≤ 0.25% (Phosphorus)
Related Substances	Glucose 1,6-Diphosphate : 0.01 - 0.20 mole% Glucose : ≤ 0.01 mole%
Assay (anhydrous basis)	97 - 100% (Enzymatic assay)
Storage	Store at 2 - 8 °C

For Laboratory Use Only