

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32268
Product	Glucose 1-phosphate dipotassium salt
Lot Number	001085-9807
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 solution (50 mg/mL in Water)
Solubility (Turbidity)	Clear solution (50 mg/mL in Water)
Cation	Potassium : 22.4% (Anhydrous)
Water Content (Karl Fisher)	10%
Inorganic Impurities	0.03% (Phosphorus)
Related Substances	Glucose 1,6- Diphosphate : 0.05 mole% Glucose : 0.01 mole%
Assay (anhydrous basis)	100% (Enzymatic Assay)
Storage	Store at 2 - 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