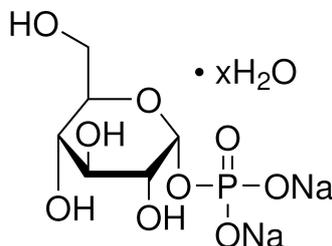


Product Specification

Product Name :	α-D-Glucose 1-phosphate disodium salt hydrate ≥97% (Enzymatic Purity, anhydrous)
Product Number:	G7000
CAS Number:	56401-20-8
MDL Number :	MFC00150837
Storage Temperature :	-20°C
Molecular Formula:	C ₆ H ₁₁ Na ₂ O ₅ P · xH ₂ O
Formula Weight:	304.10(anhydrous basis) g/mol



Test	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Turbidity)	Clear
Solubility (Color) 50 mg/mL, H ₂ O	Colorless
Water (by Karl Fischer)	≤ 20.7%
Sodium (Na) anhydrous	13.5 - 16.7 %
Starch by Colometric Assay	≤ 0.01%
Glucose by Enzymatic	≤ 0.1mole%
Enzymatic Purity (anhydrous)	≥ 97%
Alpha-D-Glucose 1,6-Diphosphat	≤ 0.5mole%
Recommended Retest Period 3 years	-----

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Version Number: PRP.00.ZQ5.1160473

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