

3050 Spruce Street, Saint Louis, MO 63103, USA

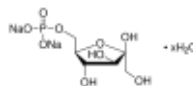
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Certificate of Analysis

Product Name:

D-Fructose 6-phosphate disodium salt hydrate - ≥98%, amorphous powder

Product Number: F3627
Batch Number: SLCB5382
Brand: SIGMA
CAS Number: 26177-86-6
Formula: C₆H₁₁Na₂O₉P · xH₂O
Formula Weight: 304.10 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 17 JAN 2019
Recommended Retest Date: JUN 2020



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
100 mg/mL, H ₂ O		
% Water	≤ 12	10
Phosphorus (Dry Basis)	9.9 - 10.8 %	10.4 %
Sodium (dry basis)	14.6 - 15.6 %	14.6 %
% Solvent	≤ 5	2
Alcohols		
% Purity (Dry Basis)	≥ 98	101
Glucose-6-Phosphate	≤ 1.5 mole%	0.1 mole%
Fructose 1,6- diphosphate	≤ 0.05 mole%	0.00 mole%

Carolyn Baird, Supervisor
Quality Assurance
St. Louis, Missouri US

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.