

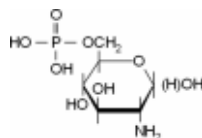
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Product Specification

Product Name:
D-Glucosamine 6-phosphate - ≥98%

Product Number: G5509
CAS Number: 3616-42-0
MDL: MFCD00067382
Formula: C₆H₁₄NO₈P
Formula Weight: 259.15 g/mol
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Almost Colorless
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/ml, H ₂ O	
¹ H NMR Spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 10 %
Phosphorus (P) anhydrous	11.5 - 12.3 %
Inorganic Phosphorus	≤ 0.1 %
Purity (TLC)	≥ 98 %
Recommended Retest Period	-----
4 Years	

Specification: PRD.2.ZQ5.10000029359

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.