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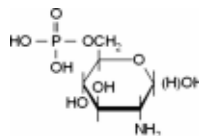
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

D-Glucosamine 6-phosphate - ≥98%

Product Number: G5509
Batch Number: SLBG8726V
Brand: SIGMA
CAS Number: 3616-42-0
MDL Number: MFCD00067382
Formula: C₆H₁₄NO₈P
Formula Weight: 259.15 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 12 NOV 2013
Recommended Retest Date: NOV 2017



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity) 50 mg/ml, H ₂ O	Clear to Slightly Hazy	Very Slightly Hazy
Infrared Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	≤ 10 %	4 %
Phosphorus (P) anhydrous	11.5 - 12.3 %	11.9 %
Inorganic Phosphorus	≤ 0.1 %	0.0 %
Purity (TLC)	≥ 98 %	100 %

Rodney Burbach, Manager
Analytical Services
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.