

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 14:15:07
 Date of Next Testing: 2029-11-10 14:15:07
 Product Name: **D-Glucose 6-phosphate dipotassium salt hydrate**
 CAS Number: 5996-17-8
 Specifications & Purity: $\geq 98\%$
 Lot #: J2529147
 SKU #: **G119484**
 Version: **1**
 Analysis #: **607906**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent Content	0-4 (%)	2.10000 %
inorganic phosphorus	0-0.1 (%)	0.03000 %
Water by Karl Fischer	0-18 (%)	7.70000 %
Potassium(K)	20.4-26.1 (%)	22.50000 %
(anhydrous)		
Purity(HPLC area)	98-100 (%)	98.21400 %
Appearance (G119484)	White to off white to yellow to light brown powder	White to off white to yellow to light brown powder
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Solubility, 50 mg/mL, H ₂ O	Colorless Clear	Colorless Clear



John Su
QA & QC Manager