

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-18 16:48:07
 Date of Next Testing: 2026-02-17 16:48:07
 Product Name: **D-Glucose 6-phosphate sodium salt**
 CAS Number: 54010-71-8
 Specifications & Purity: 97%
 Lot #: B2215728
 SKU #: **G111871**
Analysis: **057209**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Total of isomer,anhydrous)	97-100 (%)	99.52 %
Water by Karl Fischer	0-6 (%)	0.22 %
inorganic phosphorus	0-0.5 (%)	0.30 %
Sodium (Na)(anhydrous)	6.1-10.2 (%)	6.98 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	31-35 (°)	31.07°
Appearance (G111871)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Solubility in H ₂ O , Colorless to Faint Yellow Clear pass ,50 mg/mL, H ₂ O		Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager