

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-31 10:43:19
 Date of Next Testing: 2030-07-30 10:43:19
 Product Name: **2-Deoxy-D-glucose**
 CAS Number: 154-17-6
 Specifications & Purity: $\geq 98\%$
 Lot #: G2622241
 SKU #: **D109194**
 Version: **0**
 Analysis #: **740947**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	44-48 (°)	44.02000 °
Appearance (D109194)	White to light yellow powder to crystal	White to Light yellow powder to crystal
Solubility, Colorless to faint yellow, clear (50 mg/mL, H ₂ O)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager