

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-19 11:46:26  
Date of Next Testing: 2027-07-18 11:46:26  
Product Name: **2-Deoxy-D-glucose**  
CAS Number: 154-17-6  
Specifications & Purity: 98%  
Lot #: G2312783  
SKU #: **D109194**  
Version: **0**  
Analysis #: **236157**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	44-48 (°)	45.67°
Purity(HPLC)	98-100 (%)	99.53600%
Appearance (D109194)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless to faint yellow,clear(50 mg/mL, H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager