

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-04 10:27:12  
Date of Next Testing: 2028-09-03 10:27:12  
Product Name: **2-Deoxy-D-glucose**  
CAS Number: 154-17-6  
Specifications & Purity: 98%  
Lot #: H2430350  
SKU #: **D109194**  
Version: **0**  
Analysis #: **400804**  
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 (°)	46.05°
Purity(HPLC)	98-100 (%)	100.00000 %
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