

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-06 19:10:45

Date of Next Testing: 2026-07-05 19:10:45

Product Name: **2-Deoxy-D-glucose**

CAS Number: 154-17-6

Specifications & Purity: 98%

Lot #: G2205097

SKU #: **D109194****Analysis: 093297**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.16900%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	44-48 (°)	47.43°
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 ₂ O)	pass	Pass

John Su
QA & QC Manager