

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-27 09:42:37

Date of Next Testing: 2029-08-26 09:42:37

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

CAS Number: 154-17-6

Specifications & Purity: $\geq 98\%$

Lot #: H2520593

SKU #: **D109194**

Version: **0**

Analysis #: **553401**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	44-48 (°)	46.36300 °
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (D109194)	White to light yellow powder to crystal	White to Light yellow powder to crystal
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