

## Certificate of Analysis

Date of Testing: 2023-06-25 13:22:58

Date of Next Testing: 2027-06-24 13:22:58

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

CAS Number: 154-17-6

Specifications & Purity: 98%

Lot #: F2312717

SKU #: **D109194**

**Analysis: 223683**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.69200%
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	44-48 (°)	44.10°
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



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QA & QC Manager