

Certificate of Analysis

Date of Testing: 2025-01-20 11:17:43

Date of Next Testing: 2029-01-19 11:17:43

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

CAS Number: 154-17-6

Specifications & Purity: $\geq 98\%$

Lot #: A2516115

SKU #: **D109194**

Version: **0**

Analysis #: **455513**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.65100 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	44-48 (°)	46.61°
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