

Certificate of Analysis

Date of Testing: 2023-07-19 11:46:41
Date of Next Testing: 2027-07-18 11:46:41
Product Name: **2-Deoxy-D-glucose**
CAS Number: 154-17-6
Specifications & Purity: 98%
Lot #: G2312790
SKU #: **D109194**
Version: **0**
Analysis #: **236157**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	44-48 (°)	45.67°
Purity(HPLC)	98-100 (%)	99.53600%
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