

Certificate of Analysis

Date of Testing: 2021-05-25 11:52:33
Date of Next Testing: 2025-05-24 11:52:33
Product Name: **2-Deoxy-D-glucose**
CAS Number: 154-17-6
Specifications & Purity: 98%
Lot #: E2124230
SKU #: **D109194**
Analysis: **002365**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	44-48 (°)	46.69°
Purity(HPLC)	98-100 (%)	99.93400%
Appearance (D109194)	White to Off-White Powder	White to Off-White Powder
Solubility,Colorless to faint yellow,clear(50 mg/mL, H ₂ O)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager