

Certificate of Analysis

Date of Testing: 2025-04-23 17:09:30

Date of Next Testing: 2029-04-22 17:09:30

Product Name: **β -D-Glucose (contains α -D-Glucose)**

CAS Number: 492-61-5

Specifications & Purity: $\geq 85\%$

Lot #: D2518088

SKU #: **B152489**

Version: **1**

Analysis #: **327432**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } H_2O:NH_3(2+3) = 99.2:0.8)$	50-56 (°)	53.38°
Purity(ELSD+HPLC)	85-100 (%)	85.34000 %
Melting point	150-160 (°C)	154.85000 °C
Appearance (B152489)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager