

Certificate of Analysis

Date of Testing: 2024-01-08 14:29:09

Date of Next Testing: 2028-01-07 14:29:09

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

CAS Number: 492-61-5

Specifications & Purity: 85%

Lot #: A2405160

SKU #: **B152489**

Analysis: **308775**

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

Parameter	Limit Values	Result
Purity(ELSD+HPLC)	85-100 (%)	99.49500 %
Melting point	150-160 (°C)	159.62000 °C
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } H_2O:NH_3(2+3) = 99.2:0.8)$	50-56 (°)	51.83°
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