

Certificate of Analysis

Date of Testing: 2022-02-16 16:22:03

Date of Next Testing: 2026-02-15 16:22:03

Product Name: **1,6-Anhydro- β -D-glucose**

CAS Number: 498-07-7

Specifications & Purity: 99%

Lot #: D1823123

SKU #: **A107486**

Analysis: **074258**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	177-184 (°C)	177.22000 °C
Purity(HPLC)	98-100 (%)	99.89400 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-68--65 (°)	-67.99 °
Appearance (A107486)	White Powder or Crystals	White Powder or Crystals
Clear colorless solution(50mg/ml,water)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager