

Certificate of Analysis

Date of Testing: 2023-03-06 16:02:11

Date of Next Testing: 2027-03-05 16:02:11

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

CAS Number: 498-07-7

Specifications & Purity: 99%

Lot #: B2324065

SKU #: **A107486**

Analysis: **195253**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	177-184 (°C)	177.68000 °C
Purity(HPLC)	99-100 (%)	99.49100 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-68--65 (°)	-65.78 °
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



John Su
QA & QC Manager