

Certificate of Analysis

Date of Testing: 2023-03-01 17:13:57

Date of Next Testing: 2027-02-28 17:13:57

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

CAS Number: 498-07-7

Specifications & Purity: 99%

Lot #: B2324125

SKU #: **A107486**

Analysis: **093266**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	177-184 (°C)	177.06000 °C
Purity(HPLC)	98-100 (%)	99.85300 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-68--65 (°)	-65.59 °
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