

Certificate of Analysis

Date of Testing: 2024-10-08 16:48:09

Date of Next Testing: 2028-10-07 16:48:09

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

CAS Number: 498-07-7

Specifications & Purity: $\geq 99\%$

Lot #: L2015246

SKU #: **A107486**

Version: **0**

Analysis #: **416145**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	177-184 (°C)	177.67500 °C
Purity(HPLC)	99-100 (%)	99.49000 %
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