Certificate of Analysis

alpha-D-glucose

Cat. No.: HY-128417
CAS No.: 492-62-6
Batch No.: 247087

Chemical Name: α-D-Glucopyranose

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_{12}O_6$ Molecular Weight: 180.16

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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