Certificate of Analysis

Maltose

Cat. No.:	HY-N2024
CAS No.:	69-79-4
Batch No.:	319912
Chemical Name:	D-Glucose, 4-O-α-D-glucopyranosyl-

PHYSICAL AND CHEMICAL PROPERTIES

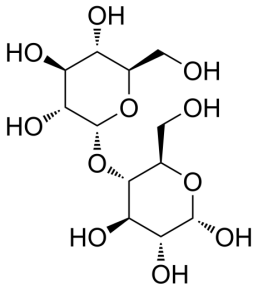
Molecular Formula: $C_{12}H_{22}O_{11}$

Molecular Weight: **342.30**

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	**98.13%**
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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