Certificate of Analysis

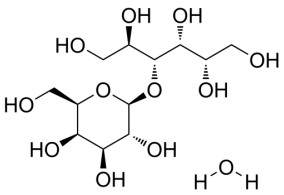
Lactitol (monohydrate)

Cat. No.:	HY-B1389
CAS No.:	81025-04-9
Batch No.:	90757
Chemical Name:	D-Glucitol, 4-O-β-D-galactopyranosyl-, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{12}H_{26}O_{12}$		
Molecular Weight:	**362.33**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	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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