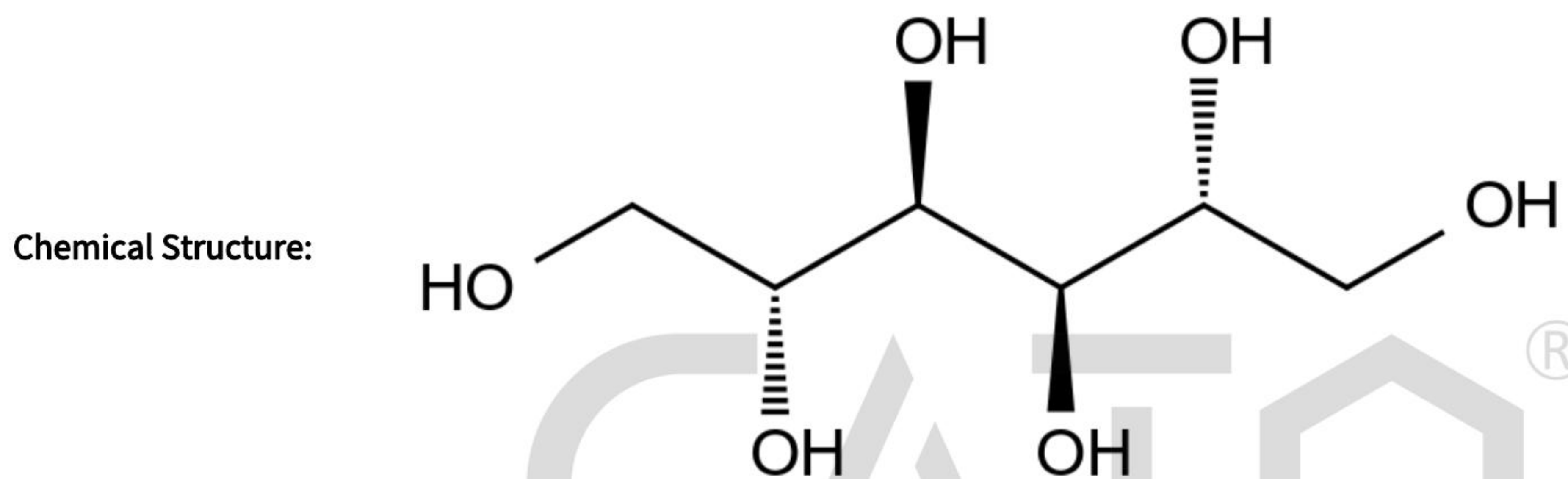


Certificate of Analysis

Intermediate Material

Product Name:	D-Mannitol	Catalogue Number:	CIM-105481
Batch Size:	N/A	Lot Number:	0129-RH-0060
CAS Number:	69-65-8	Production Date:	Jan 18, 2025
Molecular Formula:	C ₆ H ₁₄ O ₆	Expiry Date:	Jan 17, 2027
Molecular Weight:	182.17	Storage:	2°C ~ 8°C Protected from light and Sealed
		Shipping Condition:	Shipping at Room Temperature



Test Items	Acceptance Criteria	Results
Appearance	White Crystalline Solid	White Crystalline Solid
Identification	Be consistent with the refer	Confirmed
Clarity&Colour	Clear and Colorless	Confirmed
Loss On Drying(%)	NMT 0.5	0.03
Nickel(ppm)	NMT 1.0	Negative (LOD=0.037)
Sorbitol(%)	NMT 2.0	0.037
Maltitol and Isomalt(%)	NMT 2.0	0.012
Unspecified impurities(%)	NMT 0.10	0.078
Total impurities(%)	NMT 2.0	0.12
Melting Point(°C)	165-170	Confirmed
Reducing Sugar(%)	NMT 0.1	Confirmed
Conductivity(μS/cm)	NMT 20	1.4
Total aerobic bacteria(CFU/g)	NMT 10 ³	Confirmed
Moulds and Yeasts(CFU/g)	NMT 10 ²	Confirmed
Escherichia coli	Negative	N.D
Assay(%)	97.0-102.0	99.9

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jan 29, 2026

Date: Jan 29, 2026

Date: Jan 29, 2026



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