

CERTIFICATE OF ANALYSIS

(Certificate No. KMM030001-01)

Release Date: 26/05/2026

Re-test Date: 25/05/2029

Mannitol

Identification

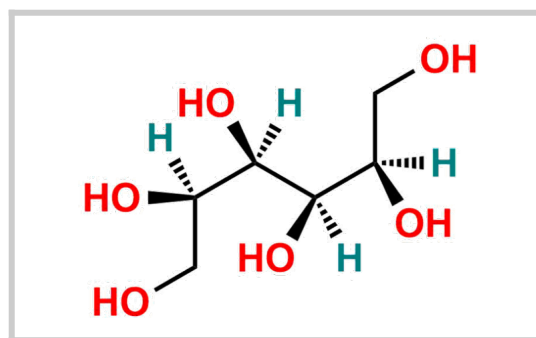
Chemical Name :
D-Mannitol (as per EP & USP)

CAT No. : KMM030001

CAS No. : 69-65-8

Molecular Formula : C₆H₁₄O₆

Molecular Weight : 182.2



Analytical Information

Batch No. : M030001-114-343

Description : White Solid

HPLC Purity : 99.85 %

Weight Loss By TGA : 0.02 %

% Potency : 99.83 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.02(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 99.83 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		26/05/2026

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA