

CERTIFICATE OF ANALYSIS

(Certificate No. KMS075001-01)

Release Date: 24/09/2024

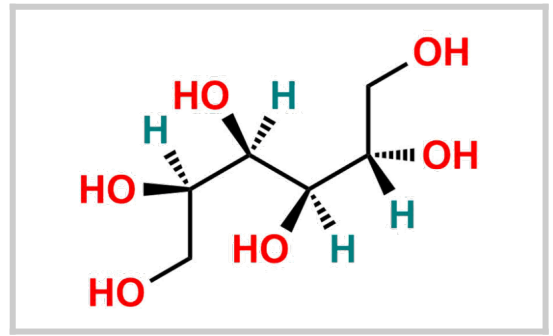
Re-test Date: 23/09/2027

Sorbitol In House Working Standards

Identification

Chemical Name :
D-Glucitol (as per EP)

Alt. Name : D-sorbitol
CAT No. : KMS075001
CAS No. : 50-70-4
Molecular Formula : C₆H₁₄O₆
Molecular Weight : 182.2



Analytical Information

Batch No.	: S075001-073	Solubility	: Acetonitrile
Description	: White, crystalline, hygroscopic powder	Mass	: Confirm
HPLC Purity	: NLT 98.1 %	IR	: Confirm
Weight Loss By TGA	: NLT 0.1 %	¹H NMR	: Confirm
% Potency	: 98 %		

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 - 0.1(Weight Loss By TGA)] x [98.1(HPLC Purity)]/100 = 98 %
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/09/2024

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