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)

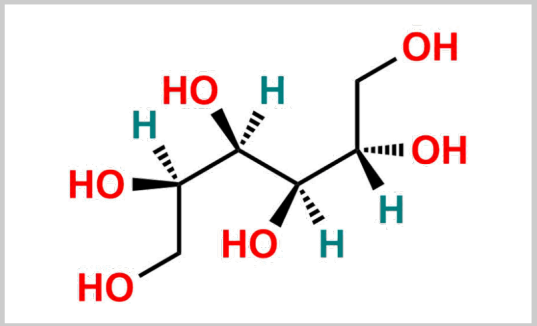
Alt. Name : D-sorbitol

CAT No. : KMS075001

CAS No. : 50-70-4

Molecular Formula : C6H14O6

Molecular Weight : 182.2



Analytical Information

Batch No. : S075001-073

Description : White, crystalline, hygroscopic powder

HPLC Purity : NLT 98.1 %

Weight Loss By TGA : NLT 0.1 %

% Potency : 98 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

1H 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 - 0.1(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, 1HNMR, IR and TGA