

CERTIFICATE OF ANALYSIS

(Certificate No. KMS075001-01)

Release Date: 24/09/2024

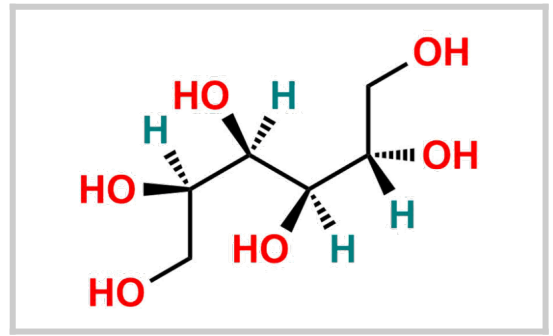
Re-test Date: 23/09/2027

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