CERTIFICATE OF ANALYSIS

(Certificate No. KMM025001-01)

Release Date: 24/09/2024 **Re-test Date:** 24/09/2024

Maltitol In House Working Standards

Identification

Chemical Name :
4-O-α-D-Glucopyranosyl-D-glucitol (as per EP)

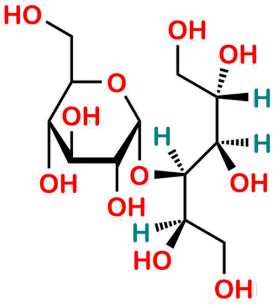
Alt. Name : D-maltitol (EP)

CAT No. : KMM025001

CAS No. : 585-88-6

Molecular Formula : C12H24O11

Molecular Weight : 344.3



Analytical Information

Batch No.	: M025001-073	**Solubility**	: Acetonitrile
Description	: White, crystalline 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, 1HNMR, IR and TGA