

# 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- $\alpha$ -D-Glucopyranosyl-D-glucitol (as per EP)

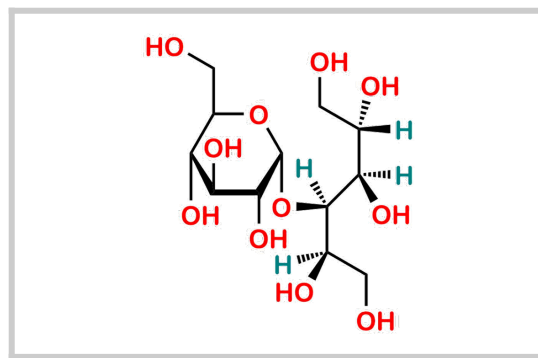
**Alt. Name** : D-maltitol (EP)

**CAT No.** : KMM025001

**CAS No.** : 585-88-6

**Molecular Formula** : C<sub>12</sub>H<sub>24</sub>O<sub>11</sub>

**Molecular Weight** : 344.3



### Analytical Information

**Batch No.** : M025001-073

**Description** : White, crystalline powder

**HPLC Purity** : NLT 98.1 %

**Weight Loss By TGA** : NLT 0.1 %

**% Potency** : 98 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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, <sup>1</sup>HNMR, IR and TGA