CERTIFICATE OF ANALYSIS

(Certificate No. KMM001387-02)

Release Date: 18/10/2025 **Re-test Date:** 17/10/2028

Sucrose

Identification

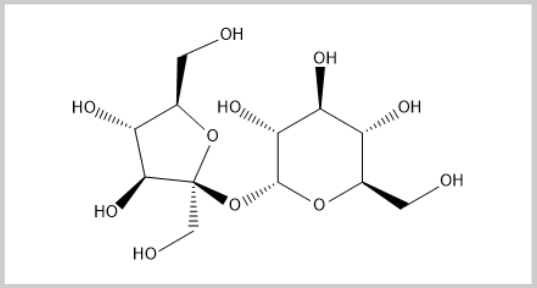
Chemical Name :
(2R,3R,4S,5S,6R)-2-(((2S,3S,4S,5R)-3,4-dihydroxy-2,5-bis(hydroxymethyl)tetrahydrofuran-2-yl)oxy)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol

CAT No. : KMM001387

CAS No. : 57-50-1

Molecular Formula : C12H22O11

Molecular Weight : 342.30



Analytical Information

Batch No. : BCCG2393

Description : White Crystals

HPLC Purity : 99.53 %

Weight Loss By TGA : 0.03 %

% Potency : 99.5 %

Solubility : Water

Mass : Confirm as water addduct

IR : Confirm

1H NMR : Confirm

13C 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 - 0.03(Weight Loss By TGA)] x [99.53(HPLC Purity)]/100 = 99.5 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/10/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13C NMR, IR and TGA