

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001387-02)

Release Date: 18/10/2025

Re-test Date: 17/10/2028

## Sucrose

### Identification

**Chemical Name :**

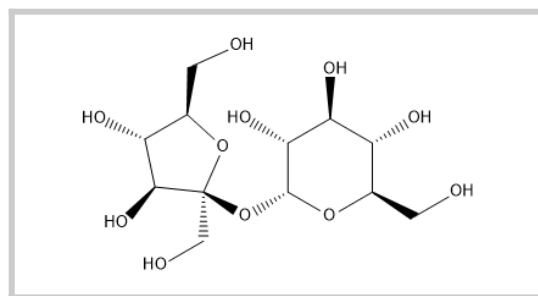
(2R,3R,4S,5S,6R)-2-(((2S,3S,4S,5R)-3,4-dihydroxy-2,5-bis(hydroxymethyl)tetrahydrofuran-2-yl)oxy)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol

CAT No. : KMM001387

CAS No. : 57-50-1

Molecular Formula : C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>

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 adduct

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C 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, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA