CERTIFICATE OF ANALYSIS

(Certificate No. KMM001495-01)

Release Date: 08/04/2026 **Re-test Date:** 07/04/2029

B-Lactose Standard

Identification

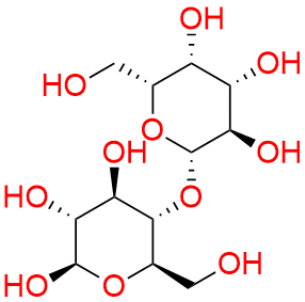
Chemical Name :
(2R,3R,4R,5S,6R)-6-(Hydroxymethyl)-5-(((2S,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2,3,4-triol

CAT No. : KMM001495

CAS No. : 5965-66-2

Molecular Formula : C12H22O11

Molecular Weight : 342.3



Analytical Information

Batch No. : M001495-114-243

Description : Off White Solid

HPLC Purity : 99.92 %

Weight Loss By TGA : 0.14 %

% Potency : 99.78 %

Solubility : Water

Mass : Confirm as Na Adduct

IR : Confirm

1H 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 - 0.14(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 99.78 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		08/04/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA