

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001255-01)

Release Date: 13/03/2025

Re-test Date: 12/03/2028

Glucose Standard

Identification

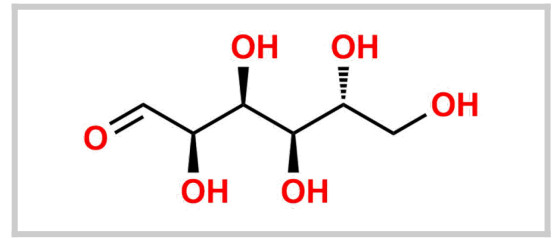
Chemical Name :
(2R,3S,4R,5R)-2,3,4,5,6-pentahydroxyhexanal

CAT No. : KMM001255

CAS No. : 50-99-7

Molecular Formula : C₆H₁₂O₆

Molecular Weight : 180.2



Analytical Information

Batch No. : M001255-091-273

Description : White Solid

HPLC Purity : 97.02 %

Weight Loss By TGA : 0.11 %

% Potency : 96.91 %

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 - 0.11(Weight Loss By TGA)] x [97.02(HPLC Purity)]/100 = 96.91 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		09/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		09/04/2026

Attachments : COA, Q-NMR, MASS, ¹H NMR, IR and TGA