

CERTIFICATE OF ANALYSIS

(Certificate No. KMG045003-01)

Release Date: 23/09/2025

Re-test Date: 22/09/2028

Sodium Gluconate

Identification

Chemical Name :

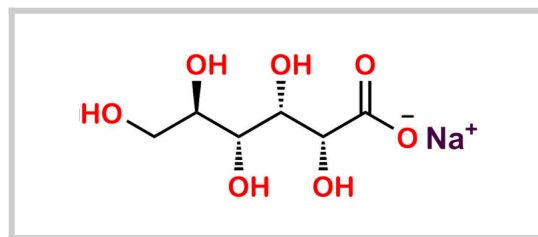
Sodium (2R,3S,4R,5R)-2,3,4,5,6-pentahydroxyhexanoate

CAT No. : KMG045003

CAS No. : 527-07-1

Molecular Formula : C₆H₁₁O₇ : Na

Molecular Weight : 195.1 : 23.0



Analytical Information

Batch No. : G045003-102-287

Description : White Solid

HPLC Purity : 99.95 %

Weight Loss By TGA : 0.22 %

% Potency : 99.73 %

Solubility : Water

Mass : Confirm

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 - 0.22(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 99.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		24/09/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		24/09/2025

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