# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMG045003-01)

**Release Date:** 23/09/2025 **Re-test Date:** 22/09/2028

## **Sodium Gluconate**

### **Identification**

#### **Chemical Name:**

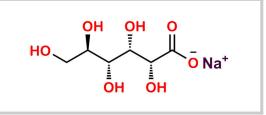
Sodium (2R,3S,4R,5R)-2,3,4,5,6-pentahydroxyhexanoate

**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 **Solubility** : Water **Description** : White Solid Mass : Confirm **HPLC Purity** : 99.95 % IR : Confirm Weight Loss By TGA : 0.22 % 1H NMR : Confirm

**% Potency** : 99.73 %

### **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

 $\textbf{Attachments} \quad : \mathsf{COA}, \, \mathsf{HPLC}, \, \mathsf{MASS}, \, \mathsf{1HNMR}, \, \mathsf{IR} \, \mathsf{and} \, \mathsf{TGA}$