# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001255-01)

Re-test Date: 12/03/2028

Glucose

#### **Identification**

#### **Chemical Name** :

 $(2R, 3S, 4R, 5R) \hbox{-} 2, 3, 4, 5, 6 \hbox{-} pentahydroxyhexanal$ 

CAT No.	: KMM001255	ОН ОН
CAS No.	: 50-99-7	🚓 👗 🦾 ,он
Molecular Formula	: C6H12O6	o≈ Y Y ~
Molecular Weight	: 180.2	ОН ОН

### **Analytical Information**

Batch No.	: M001255-091-273	Solubility	: Water
Description	: White Solid	Mass	: Confirm as Na
HPLC Purity	: 97.02 %		adduct
Weight Loss By TGA	: 0.11 %	IR	: Confirm
% Potency	: 96.91 %	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			
<b>% Potency =</b> [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		13/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/03/2025

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