CERTIFICATE OF ANALYSIS

(Certificate No. KMM001287-01)

Release Date: 29/03/2026 **Re-test Date:** 28/03/2029

Maltose Monohydrate

Identification

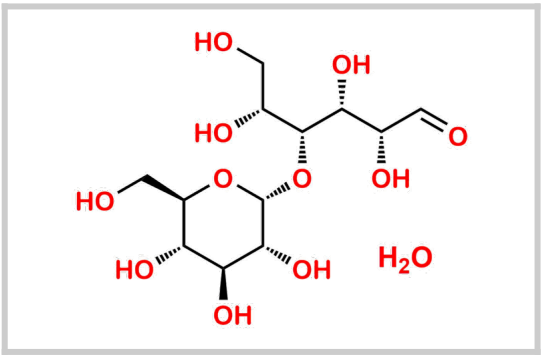
Chemical Name :
(2R,3R,4R,5R)-2,3,5,6-Tetrahydroxy-4-(((2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)hexanal hydrate

CAT No. : KMM001287

CAS No. : 6363-53-7

Molecular Formula : C12H22O11 : H2O

Molecular Weight : 342.3 : 18.0



Analytical Information

Batch No.	: M001287-120	**Solubility**	: Methanol
Description	: White Powder	**Mass**	: Confirm
HPLC Purity	: NLT 95.1 %	**IR**	: Confirm
Weight Loss By TGA	: NLT 0.1 %	**1H NMR**	: Confirm
% Potency	: 95 %		

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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/03/2026

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