CERTIFICATE OF ANALYSIS

(Certificate No. KMM001392-01)

Release Date: 28/08/2024 **Re-test Date:** 27/08/2027

Maltotetraose

Identification

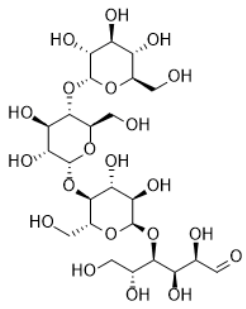
Chemical Name :
(2R,3R,4R,5R)-4-(((2R,3R,4R,5S,6R)-5-(((2R,3R,4R,5S,6R)-3,4-dihydroxy-6-(hydroxymethyl)-5-(((2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2-yl)oxy)-3,4-dihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)-2,3,5,6-tetrahydroxyhexanal

CAT No. : KMM001392

CAS No. : 34612-38-9

Molecular Formula : C24H42O21

Molecular Weight : 666.58



Analytical Information

Batch No.	: MALTO-073-356	**Solubility**	: Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 100.00 %	**IR**	: Confirm
Weight Loss By TGA	: 5.74 %	**1H NMR**	: Confirm
% Potency	: 94.26 %		

Additional Information

Long Term Storage : Store at -20 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 5.74(Weight Loss By TGA)] x [100.00(HPLC Purity)]/100 = 94.26 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/08/2024

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