

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001392-01)

Release Date: 28/08/2024

Re-test Date: 27/08/2027

## Maltotetraose

### Identification

**Chemical Name :**

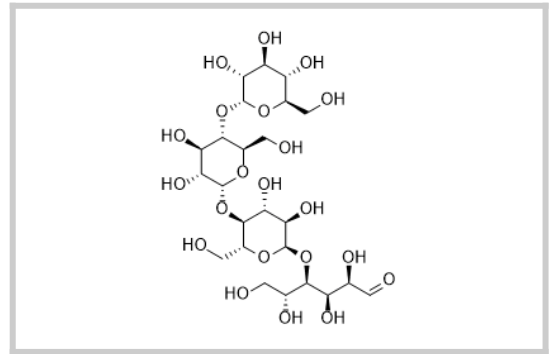
(2R,3R,4R,5R)-4-(((2R,3R,4R,5S,6R)-5-(((2R,3R,4R,5S,6R)-3,4-dihydroxy-6-(hydroxymethyl)-5-(((2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2-yl)oxy)-3,4-dihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)-2,3,5,6-tetrahydroxyhexanal

CAT No. : KMM001392

CAS No. : 34612-38-9

Molecular Formula : C<sub>24</sub>H<sub>42</sub>O<sub>21</sub>

Molecular Weight : 666.58



### Analytical Information

Batch No. : MALTO-073-356

Description : Off White Solid

HPLC Purity : 100.00 %

Weight Loss By TGA : 5.74 %

% Potency : 94.26 %

Solubility : Water

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### 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 =  $[100 - 5.74(\text{Weight Loss By TGA})] \times [100.00(\text{HPLC Purity})]/100 = 94.26 \%$

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