

PRODUCT INFORMATION



Maltotetraose is a maltooligosaccharide that is used for research and diagnostic purposes.

It can also be used in nutrients and healthcare.

MALTOTETRAOSE

No: MDP04

Formal Name: O- α -D-Glucopyranosyl- $\{(1\rightarrow4)\text{-O-}\alpha\text{-D-glucopyranosyl}\}_2\text{-}(1\rightarrow4)\text{-D-glucopyranose}$

MF: C₂₄H₄₂O₂₁

FW: 666.58

Lot: 20240531

Purity(HPLC): $\geq 98\%$

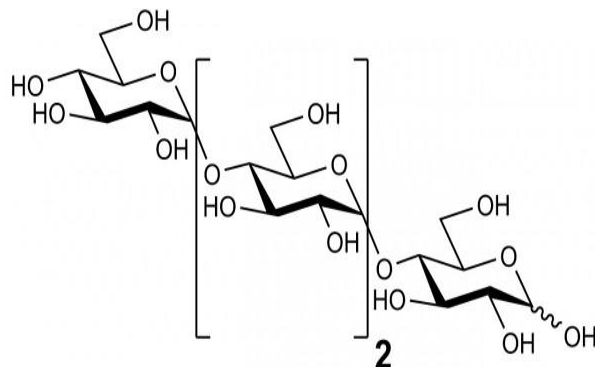
Appearance: White powder

CAS: 34612-38-9

Solubility: Methanol(very slightly),Water (Slightly)

Storage: 2-8°C

Stability: >3 years



Item	Specifications	Results
Appearance	White or off white Powder	Conforms
Identification (¹ H-NMR)	Conform to structure	Conforms
Purity(HPLC-ELSD)	$\geq 98\%$	99.7%
Moisture	$\leq 10\%$	4.2%
Solubility, 50 mg/mL, H ₂ O	Clear, Colorless	Clear, Colorless
Specific Rotation $[\alpha]_{20/D}$	+160° ~ +180°(C=1, H ₂ O)	+169.2° ~ 167.3°

Maltooligosaccharide

WARNING: THIS PRODUCT IS FOR RESEARCH ONLY
NOT FOR HUMAN OR VETERINARY DIAGNOSTIC

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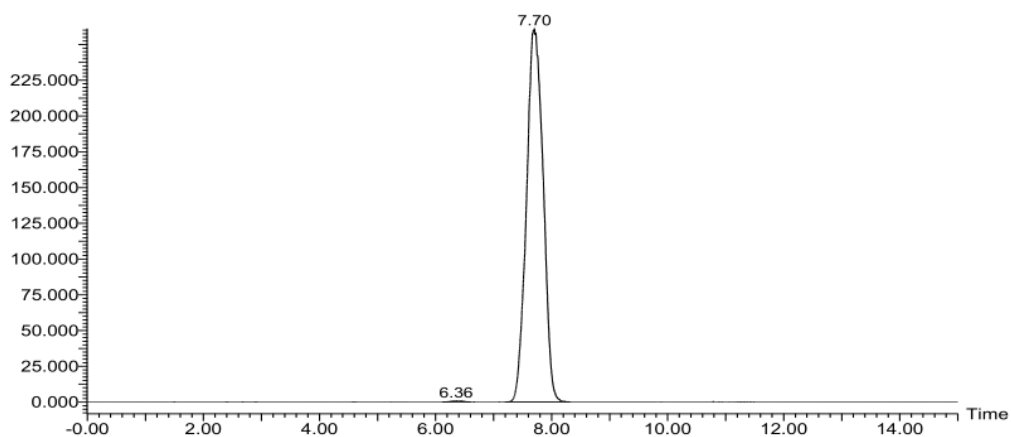
sales@e-biochem.com

Phone:021-60498804/13917250134

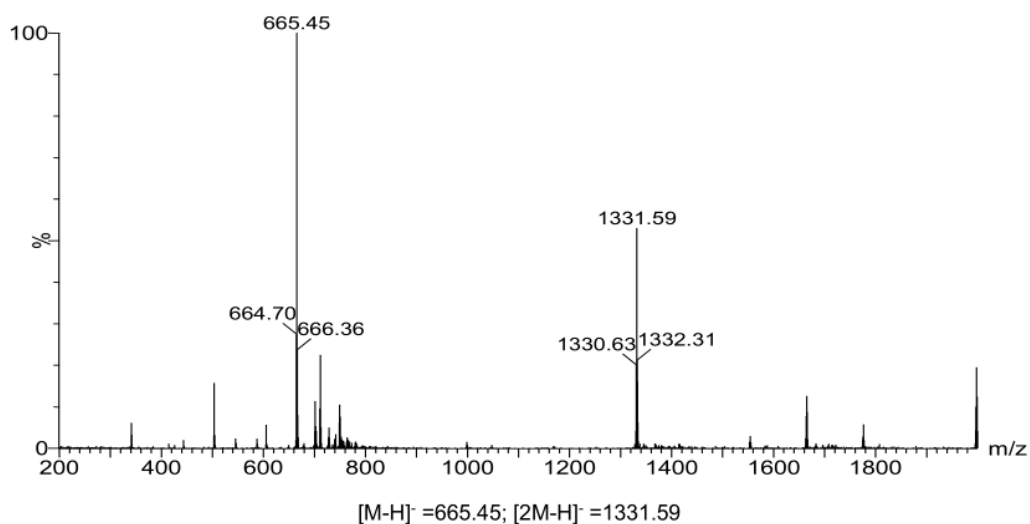


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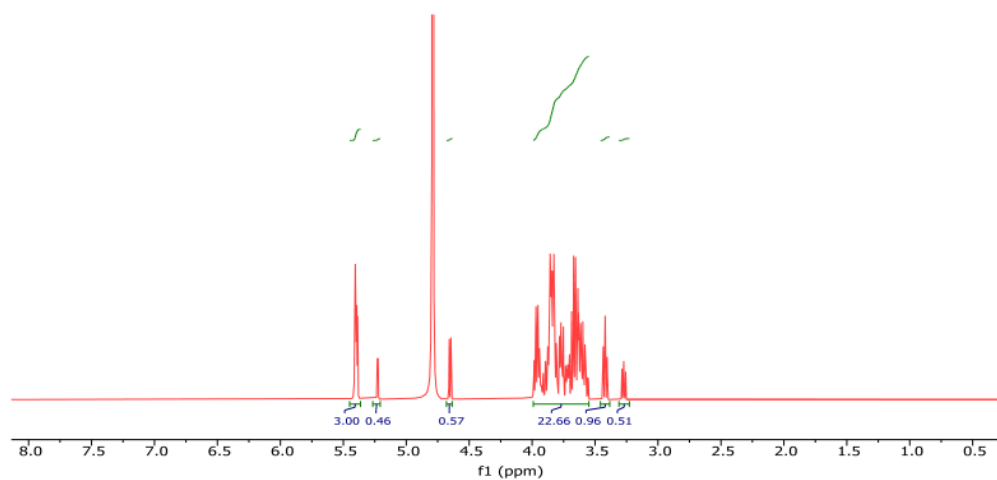
1. Purity analysis by HPLC-ELSD



2. Mass spectrum of Maltotetraose (Neg)



3. The ¹H-NMR spectrum of Maltotetraose in D₂O



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