## **Certificate of Analysis**

## Maltoheptaose

Cat. No.: HY-127018
CAS No.: 34620-78-5
Batch No.: 315381

Chemical Name: D-Glucose,  $O-\alpha$ -D-glucopyranosyl- $(1\rightarrow 4)$ - $O-\alpha$ -D-glucopyranosyl- $(1\rightarrow 4)$ -O-

4)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -D- $\alpha$ 

## PHYSICAL AND CHEMICAL PROPERTIES

**Storage:** 4°C, protect from light

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

ON OH OH OH OH OH OH OH OH

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.74%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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