## **Certificate of Analysis**

## SBE-β-CD

Cat. No.: HY-17031
CAS No.: 182410-00-0
Batch No.: 322172

**Chemical Name:** β-Cyclodextrin, sulfobutyl ethers, sodium salts

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight: 2083-2257

Storage: 4°C, sealed storage, away from moisture and light

**Chemical Structure:** 

OR OR RO OR

 $R=(H)_{21-m} \text{ or}(C_4H_8SO_3-Na^+)_m \text{ , } m=6.0-7.1$ 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

Purity (HPLC): 99.52%
Endotoxin Level: <0.5 EU/mg

**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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