## **Certificate of Analysis**

## Faropenem sodium

Cat. No.: HY-76260

CAS No.: 122547-49-3

Batch No.: 28914

Chemical Name: 4-Thia-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 6-[(1R)-1-hydroxyethyl]-7-oxo-3-[(2R)-te

trahydro-2-furanyl]-, sodium salt (1:1), (5R,6S)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>12</sub>H<sub>14</sub>NNaO<sub>5</sub>S

Molecular Weight: 307.30

Storage: -20°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

LCMS: Consistent with structure

**Purity (LCMS):** 98.87%

**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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