## **Certificate of Analysis**

## **Sulbactam**

Cat. No.: HY-B0334

CAS No.: 68373-14-8

Batch No.: 13457

Chemical Name: 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-, 4,4-dioxide, (2S,5R)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{11}NO_5S$  Molecular Weight: 233.24

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.71%

**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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