## **Certificate of Analysis**

## Sulbactam (sodium)

Cat. No.: HY-B0334A
CAS No.: 69388-84-7
Batch No.: 99636

Chemical Name: 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-, 4,4-dioxide, sodium s

alt (1:1), (2S,5R)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>8</sub>H<sub>10</sub>NNaO<sub>5</sub>S

Molecular Weight: 255.22

Storage: -20°C, protect from light, stored under nitrogen

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

**Chemical Structure:** 

H O O O O O O O O O O O

## ANALYTICAL DATA

Appearance: White to yellow (Solid)

Purity (HPLC): 99.64%

**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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