## **Certificate of Analysis**

## Cloxacillin (sodium)

 Cat. No.:
 HY-B0466B

 CAS No.:
 642-78-4

 Batch No.:
 376170

Chemical Name: 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[[3-(2-chlorophenyl)-5-methyl-4-isoxazo

lyl]carbonyl]amino]-3,3-dimethyl-7-oxo-, sodium salt (1:1), (2S,5R,6R)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>19</sub>H<sub>17</sub>ClN<sub>3</sub>NaO<sub>5</sub>S

Molecular Weight: 457.86

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: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 98.03%

**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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA