

## **Certificate of Analysis**

## Cefamandole nafate

Cat. No.: HY-B1166 42540-40-9 CAS No .: Batch No.: 45246

**Chemical Name:** 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[(2R)-2-(formyloxy)-2-phenylacetyl]ami

no]-3-[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-, sodium salt (1:1), (6R,7R)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{17}N_6NaO_6S_2$ 

**Molecular Weight:** 512.49

Storage: -20°C, stored under nitrogen

\* The compound is unstable in solutions, freshly prepared is recommended.

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (NMR): ≥97.0%

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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