Certificate of Analysis

Cefminox (sodium)

Cat. No.: HY-128932
CAS No.: 75498-96-3
Batch No.: 89638

Chemical Name: 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[2-[[(2S)-2-amino-2-carboxyethyl]thio]

acetyl]amino]-7-methoxy-3-[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-, sodium salt (1:1), (

6R,7S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₆H₂₀N₇NaO₇S₃

Molecular Weight: 541.56

Storage: 4°C, sealed storage, away from moisture and light

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

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.83%

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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