



CERTIFICATE OF ANALYSIS

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1. Identification

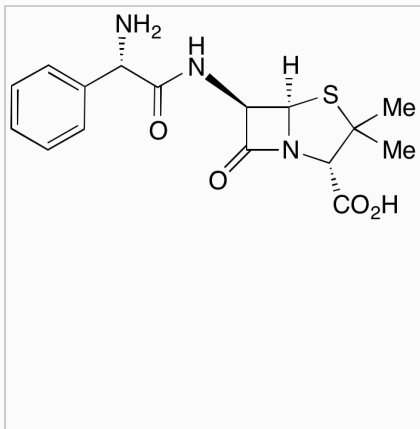
Catalogue Number: A634335

CAS Number: 19379-33-0

Product: L-(+)-Ampicillin

Synonym: L-6-(2-Amino-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic Acid;

Structure:



Molecular Formula:

C₁₆H₁₉N₃O₄S

Molecular weight:

349.4

Source of Product:

Synthetic

Solubility:

Aqueous Acid (Slightly),
Aqueous Base (Slightly),
DMSO (Slightly, Heated,
Sonica

Lot Number: 10-TMH-59-2

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.43, %H: 5.50, %N: 11.90
HPLC Purity	Report Result	96.97% (205 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Henry Tieu	Chanell Chu	7/13/2021	7/11/2025