



CERTIFICATE OF ANALYSIS

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1. Identification

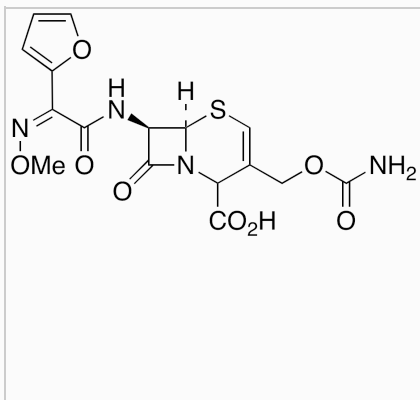
Catalogue Number: C248060

CAS Number: 229499-08-5

Product: Δ²-Cefuroxime

Synonym: (6R,7R)-3-[[[(Aminocarbonyl)oxy]methyl]-7-[[[(2Z)-2-(2-furanyl)-2-(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-3-ene-2-carboxylic Acid;

Structure:



Molecular Formula:

C₁₆H₁₆N₄O₈S

Molecular weight:

424.38

Source of Product:

Synthetic

Solubility:

DMSO (Slightly, Heated),
Methanol (Very Slightly,
Heated)

Lot Number: 4-WXT-36-2

Purity: 95%

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	Off-White to Brown Solid	Light Brown to Brown Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	95.57% (285 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+362.7° (c = 0.2, DMSO)

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 ± 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
Henry Tieu	Toni Rantanen	Chanell Chu	12/17/2021	12/15/2028