



CERTIFICATE OF ANALYSIS

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1. Identification

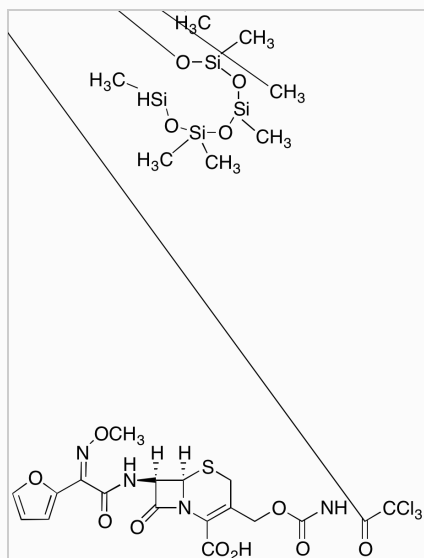
Catalogue Number: C248080

CAS Number: 76598-06-6

Product: Cefuroxime Axetil Impurity C (85%)

Synonym: [6R-[6?,7?(Z)]]-7-[[2-Furanyl(methoxyimino)acetyl]amino]-8-oxo-3-[[[(trichloroacetyl)amino]carbonyl]oxy]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid; Cefuroxime Axetil EP Impurity C(Cefuroxime Sodium EP D)

Structure:



Molecular Formula:

C₁₈H₁₅Cl₃N₄O₉S

Molecular weight:

569.76

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 15-JES-160-5

Purity: 85%

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:
Elemental Analysis	Conforms	%C: 36.64, %H: 3.01, %N: 9.04
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Appearance	White to Pale Yellow Solid	White to Off-White Solid
Specific Rotation	Report Result	+40.5° (c = 0.4, Methanol)

Additional Information: Contains: ~3.9% Dichloromethane, ~2.2% Acetic Acid

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

Nicole Yip



Reviewed By

Toni Rantanen



**C of A Approved
By**

Christina Gouliaras



Test Date

7/4/2022

Retest Date

7/2/2026