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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Cefalexin EP Impurity F

Identification:

Chemical Name: (2R,6R,7R)-7-[[[(2R)-2-amino-2-phenylacetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-3-ene-2-carboxylic acid (as per EP)

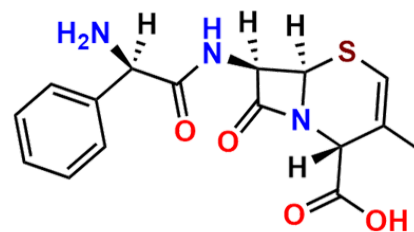
Synonyms : Cephalexin USP Related
Compound F ; Delta-2-cefalexin
; Cefalexin 3-Ene Isomer

CAS Number : 79750-46-2

CAT Number : CP-C159006

Molecular Formula : C₁₆H₁₇N₃O₄S

Molecular Weight : 347.39



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By



Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.