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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Cefalexin EP Impurity B

Identification:

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

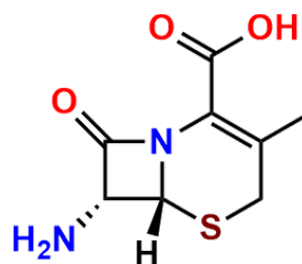
Synonyms : 7-
Aminodesacetoxycephalosporanic
acid ; 7-ADCA

CAS Number : 22252-43-3

CAT Number : CP-C159002

Molecular Formula : C₈H₁₀N₂O₃S

Molecular Weight : 214.24



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.