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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Chlortetracycline hydrochloride EP Impurity H

Identification:

Chemical Name: (4S,4aS,5aS,6S,12aS)-2-acetyl-7-chloro-4-(dimethylamino)-3,6,10,12,12a-pentahydroxy-6-methyl-4a,5a,6,12a-tetrahydrotetracene-1,11(4H,5H)-dione (as per EP)

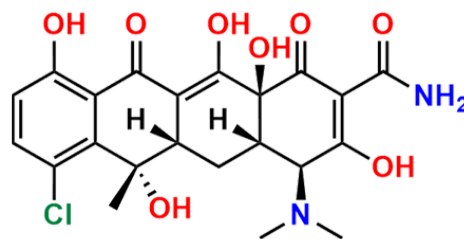
Synonyms : 2-acetyl-2-decarboxamidochlortetracycline (as per EP)

CAS Number : NA

CAT Number : CP-C284006

Molecular Formula : C₂₂H₂₃ClN₂O₈

Molecular Weight : 478.88



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.