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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Chlortetracycline hydrochloride EP Impurity F

Identification:

Chemical Name: (4R,4aS,6S,8aS)-6-[(1R)-7-chloro-4-hydroxy-1-methyl-3-oxo-1,3-dihydro-2-benzofuran-1-yl]-4-(dimethylamino)-3,8a-dihydroxy-1,8-dioxo-1,4,4a,5,6,7,8,8a-octahydronaphthalene-2-carboxamide (as per EP)

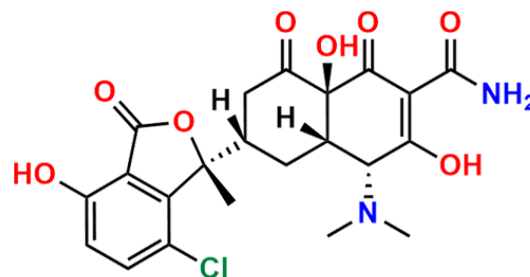
Synonyms : 4-epiisochlortetracycline (as per EP)

CAS Number : NA

CAT Number : CP-C284004

Molecular Formula : C₂₂H₂₅ClN₂O₈

Molecular Weight : 480.90



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.