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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Tetracycline EP Impurity B

Identification:

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

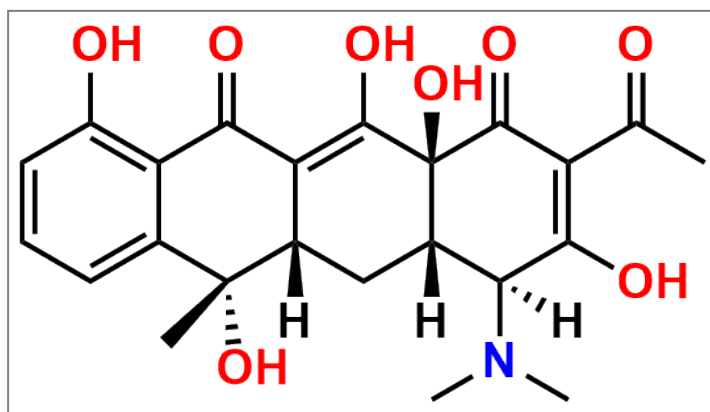
Synonyms : 2-Acetyl-2-decarbamoyletetracycline (EP)

CAS Number : 6542-44-5

CAT Number : CP-T200002

Molecular Formula : C₂₃H₂₅N_O8

Molecular Weight : 443.45



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.