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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Minocycline EP Impurity C

Identification:

Chemical Name: (4S,4aS,5aR,12aS)-4-(dimethylamino)-3,10,12,12a-tetrahydroxy-7-(methylamino)-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide (as per EP & USP)

Synonyms : 7-monodemethylminocycline
(EP) ; Desmethyl minocycline
(USP)

CAS Number : 4708-96-7

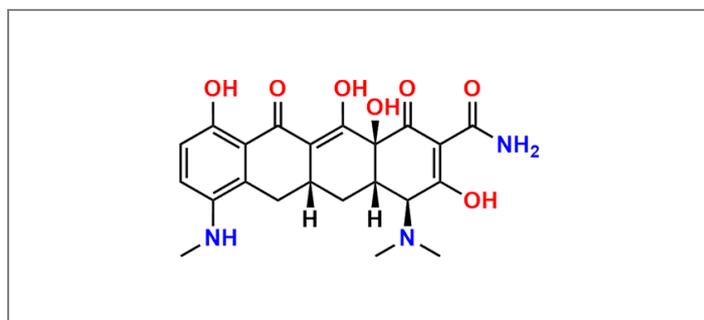
CAT Number : CP-M54003

Molecular Formula : C₂₂H₂₅N₃O₇

Molecular Weight : 443.46

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



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)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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