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CERTIFICATE OF ANALYSIS

Analysis Date:

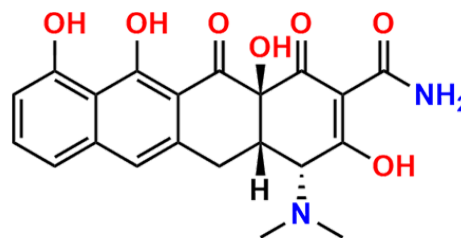
Re-test Date:

Product Name: Demeclocycline EP Impurity D

Identification:

Chemical Name: (4R,4aS,12aS)-4-(Dimethylamino)-3,10,11,12a-tetrahydroxy-1,12-dioxo-1,4,4a,5,12,12a-hexahydrotetracene-2-carboxamide (4-epianhydrodemethyltetracycline)

Synonyms : NA
CAS Number : NA
CAT Number : CP-D131004
Molecular Formula : C₂₁H₂₀N₂O₇
Molecular Weight : 412.4



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.