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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Doxycycline Hyclate

Identification:

Chemical Name: (4S,4aR,5S,5aR,6R,12aS)-4-(Dimethylamino)-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide hydrochloride hemiethanol hemihydrate

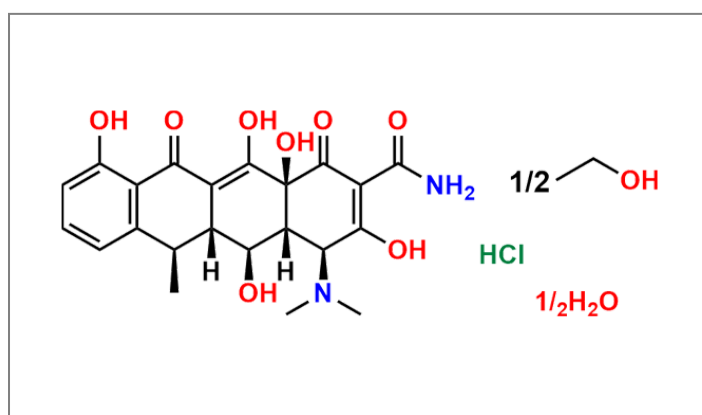
Synonyms : Doxycycline Hydrochloride
Hemiethanol Hemihydrate

CAS Number : 24390-14-5

CAT Number : CP-D56008

Molecular Formula : C₂₂H₂₄N₂O₈ : 1/2(C₂H₆O) : HCl
: 1/2(H₂O)

Molecular Weight : 444.44 : 1/2(46.07) : 36.5 :
: 1/2(18.0)



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	>98%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



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.