Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

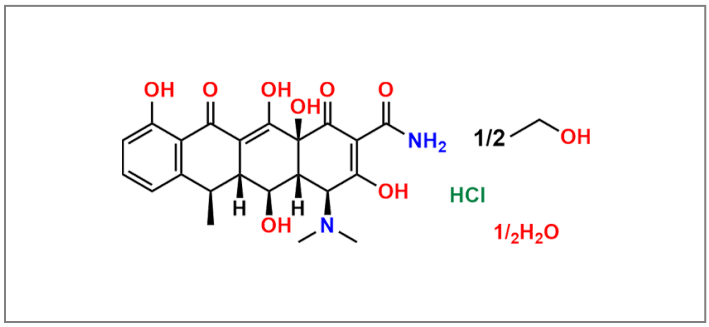
Analysis Date: Oct 2024 Re-test Date: Sep 2027

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)
Batch Number	:	CP-DOX-HYC-1024
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	Pale Yellow to Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.89%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	0.47%
7)	Potency	99.42%

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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