



ISO 9001:2015 CERTIFIED

CERTIFICATE OF ANALYSIS

Product Name	Methacycline (Doxycycline EP impurity B)	
Molecular Formula	C ₂₂ H ₂₂ N ₂ O ₈ (Free Base); C ₂₂ H ₂₃ ClN ₂ O ₈ (HCl Salt)	<div>✖</div>
Molecular Weight	442.42 (Free Base); 478.88 (HCl Salt)	
Batch Number	XX	
Batch Quantity	XX	
Date of Manufacturing	XX	
Date of Analysis	XX	
Next Retest Date	XX	
Catalogue Number	DCTI-C-2821	
CAS Number	3963-95-9	
COA Number	XX	
IUPAC Name	(4S,4aR,5S,5aR,12aS)-4-(dimethylamino)-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide Hydrochloride	
Storage and Handling	Store at 2-8°C	

S. No	* Test	Result
	Description	
1.	Identification i) By IR ii) By NMR iii) By MS	--
2.	Chromatographic Purity (% by HPLC)	--

Remarks: *Test or tests as mentioned above may vary as per the product nature or customer's requirement

Function	Compiled by	Reviewed by	Reviewed by	Approved by
Name	xxx	xxx	xxx	xxx
Department	Pharma Standards QC	Pharma Standards QC	Quality Assurance	Quality Assurance
Sign and <u>Date</u>				

Attachments	IR, NMR, MS spectra, HPLC Chromatogram.
Date of Shipment:	DD-MMM-YYYY

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