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## CERTIFICATE OF ANALYSIS

Analysis Date:

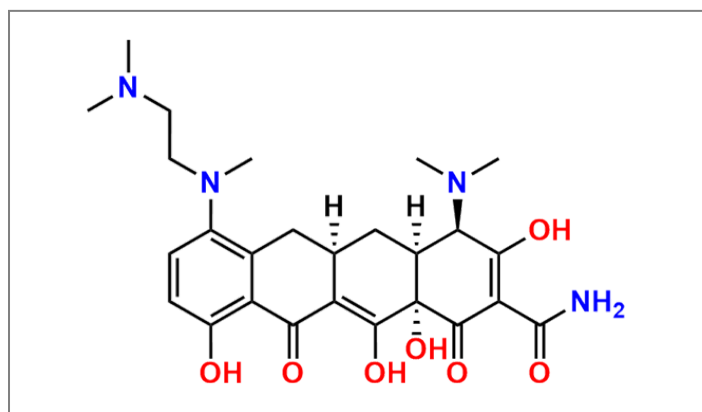
Re-test Date:

**Product Name: Minocycline Impurity 1**

**Identification:**

Chemical Name: (4R,4aS,5aR,12aS)-4-(dimethylamino)-7-((2-(dimethylamino)ethyl)(methyl)amino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide

Synonyms : No  
CAS Number : NA  
CAT Number : CP-M54027  
Molecular Formula : C<sub>26</sub>H<sub>34</sub>N<sub>4</sub>O<sub>7</sub>  
Molecular Weight : 514.6



**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.