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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Minocycline EP Impurity F**

### Identification:

Chemical Name: (4S,4aS,5aR,12aS)-4,7-Bis(dimethylamino)-3,10,12,12a-tetrahydroxy-N-(hydroxymethyl)-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide (as per EP & USP)

Synonyms : Hydroxymethyl Minocycline  
(USP)

CAS Number : 1075240-33-3

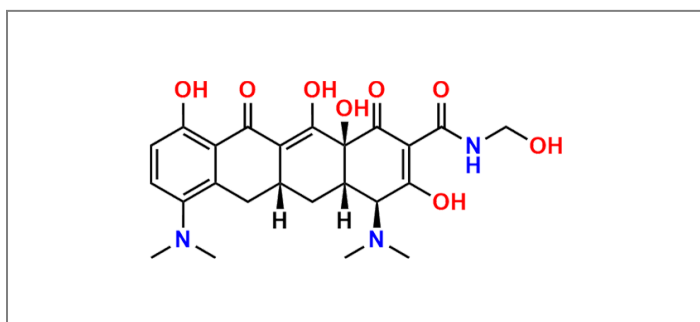
CAT Number : CP-M54006

Molecular Formula : C<sub>24</sub>H<sub>29</sub>N<sub>3</sub>O<sub>8</sub>

Molecular Weight : 487.51

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency	-



#### 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.