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## CERTIFICATE OF ANALYSIS

Analysis Date:

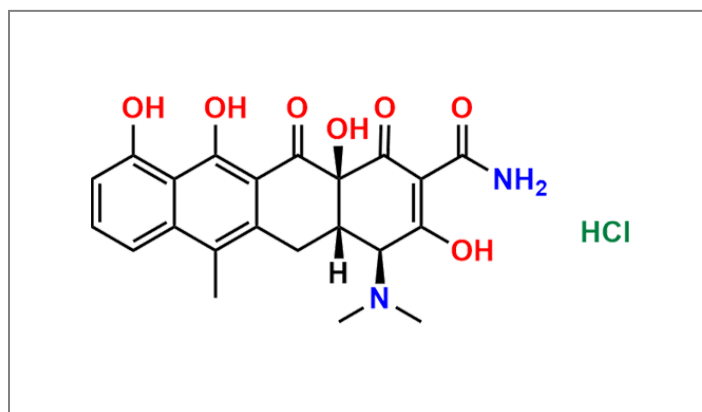
Re-test Date:

**Product Name: Anhydrotetracycline Hydrochloride (In House Standard)**

### Identification:

Chemical Name: (4S,4aS,12aS)-4-(dimethylamino)-3,10,11,12a-tetrahydroxy-6-methyl-1,12-dioxo-1,4,4a,5,12,12a-hexahydrotetracene-2-carboxamide hydrochloride

Synonyms : NA  
CAS Number : 13803-65-1  
CAT Number : CP-A199000  
Molecular Formula : C<sub>22</sub>H<sub>22</sub>N<sub>2</sub>O<sub>7</sub> : HCl  
Molecular Weight : 426.42 : 36.46



### 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)	IR	Confirm to structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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