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### CERTIFICATE OF ANALYSIS

Analysis Date:

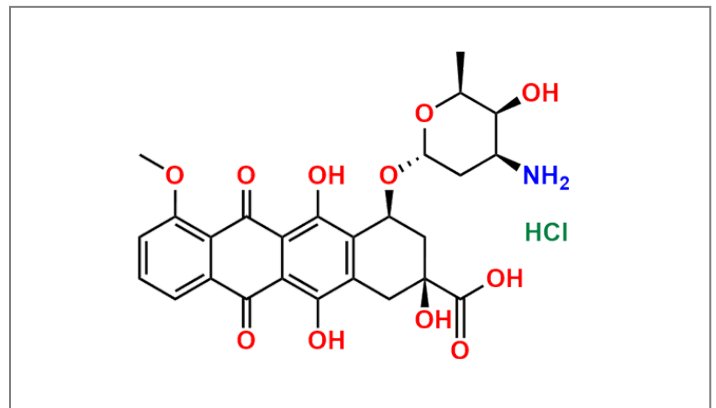
Re-test Date:

**Product Name: 9-Carboxy Doxorubicin Impurity**

#### Identification:

Chemical Name: (2S,4S)-4-(((2R,4S,5S,6S)-4-Amino-5-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-2,5,12-trihydroxy-7-methoxy-6,11-dioxo-1,2,3,4,6,11-hexahydrotetracene-2-carboxylic acid hydrochloride

Synonyms : NA  
CAS Number : 58199-96-5  
CAT Number : CP-D102010  
Molecular Formula : C<sub>26</sub>H<sub>27</sub>NO<sub>11</sub> : HCl  
Molecular Weight : 529.5 : 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	>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.