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## CERTIFICATE OF ANALYSIS

Analysis Date:

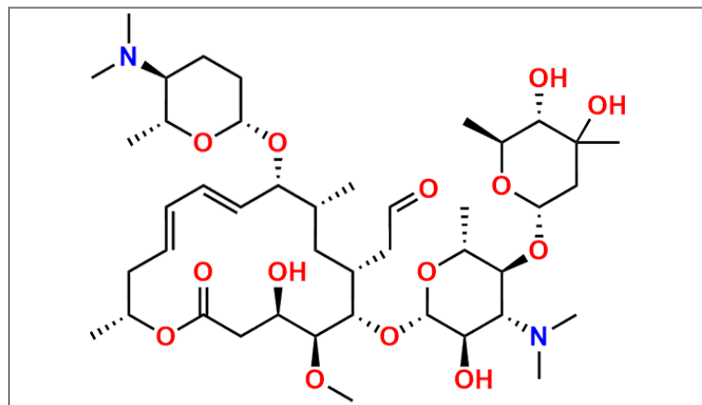
Re-test Date:

**Product Name: Spiramycin (In House Standard)**

### Identification:

Chemical Name: 2-((4R,5S,6S,7R,9R,10R,11E,13E,16R)-6-(((2S,3R,4R,5S,6R)-5-(((2S,5S,6S)-4,5-Dihydroxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-4-(dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-10-(((2R,5S,6R)-5-(dimethylamino)-6-methyltetrahydro-2H-pyran-2-yl)oxy)-4-hydroxy-5-methoxy-9,16-dimethyl-2-oxooxacyclohexadeca-11,13-dien-7-yl)acetaldehyde

Synonyms : NA  
CAS Number : 8025-81-8  
CAT Number : CP-S21000  
Molecular Formula : C<sub>43</sub>H<sub>74</sub>N<sub>2</sub>O<sub>14</sub>  
Molecular Weight : 843.07



### 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)	Weight loss by TGA	-
7)	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.