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## CERTIFICATE OF ANALYSIS

Analysis Date:

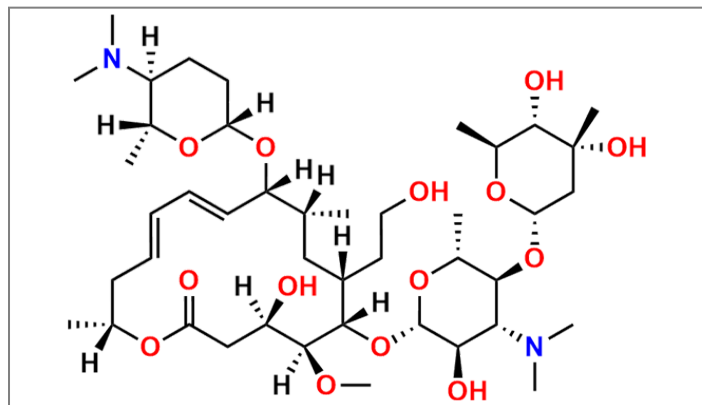
Re-test Date:

**Product Name: Spiramycin EP Impurity B**

### Identification:

Chemical Name: (4R,5S,6S,7R,9R,10R,11E,13E,16R)-6-[[3,6-dideoxy-4-O-(2,6-dideoxy-3-C-methyl- $\alpha$ -l-ribohexopyranosyl)-3-(dimethylamino)- $\beta$ -d-glucopyranosyl]oxy]-4-hydroxy-7-(2-hydroxyethyl)-5-methoxy-9,16-dimethyl-10-[[2,3,4,6-tetradeoxy-4-(dimethylamino)- $\beta$ -d-erythro-hexopyranosyl]oxy]oxacyclohexadeca-11,13-dien-2-one (spiramycin IV)

Synonyms : NA  
CAS Number : 249930-66-3  
CAT Number : CP-S21002  
Molecular Formula : C<sub>43</sub>H<sub>76</sub>N<sub>2</sub>O<sub>14</sub>  
Molecular Weight : 845.08



### 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.