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## CERTIFICATE OF ANALYSIS

Analysis Date:

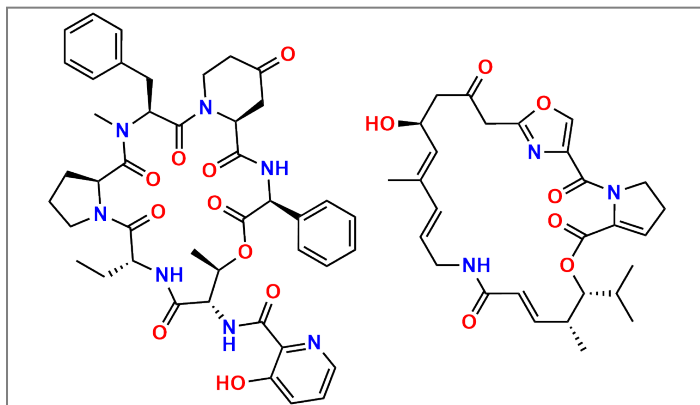
Re-test Date:

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

### Identification:

Chemical Name: N-((6R,9S,10R,13S,15aS,22S,24aS)-22-benzyl-6-ethyl-10,23-dimethyl-5,8,12,15,17,21,24-hepta-oxo-13-phenyldocosahydro-12H-pyrido[2,1-f]pyrrolo[2,1-l][1]oxa[4,7,10,13,16]pentaazacyclononadecin-9-yl)-3-hydroxypicolinamide compound with (12Z,6R,7R,8E,13E,15E,17S)-17-hydroxy-6-isopropyl-7,15-dimethyl-32,33-dihydro-31H-5-oxa-11-aza-1(4,2)-oxazola-3(1,5)-pyrrolacycloicosaphane-8,13,15-triene-2,4,10,19-tetraone (1:1)

Synonyms : Streptogramin ; Mikamycin  
CAS Number : 11006-76-1  
CAT Number : CP-V51000  
Molecular Formula : C<sub>43</sub>H<sub>49</sub>N<sub>7</sub>O<sub>10</sub> : C<sub>28</sub>H<sub>35</sub>N<sub>3</sub>O<sub>7</sub>  
Molecular Weight : 823.91 : 525.60



### 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

**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.