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## CERTIFICATE OF ANALYSIS

Analysis Date:

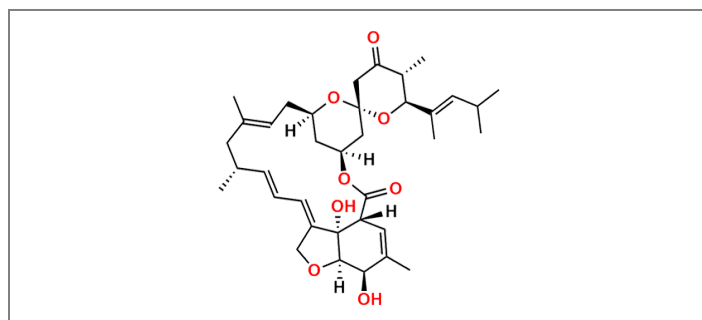
Re-test Date:

**Product Name: Nemadectin Impurity 1**

### Identification:

Chemical Name: (6R,25S)-5-O-demethyl-28-deoxy-25-[(1E)-1,3-dimethyl-1-buten-1-yl]-6,28-epoxy-23-oxo-Milbemycin B

Synonyms : NA  
CAS Number : 112124-81-9  
CAT Number : CP-N113001  
Molecular Formula : C<sub>36</sub>H<sub>50</sub>O<sub>8</sub>  
Molecular Weight : 610.79



### 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.