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### CERTIFICATE OF ANALYSIS

Analysis Date:

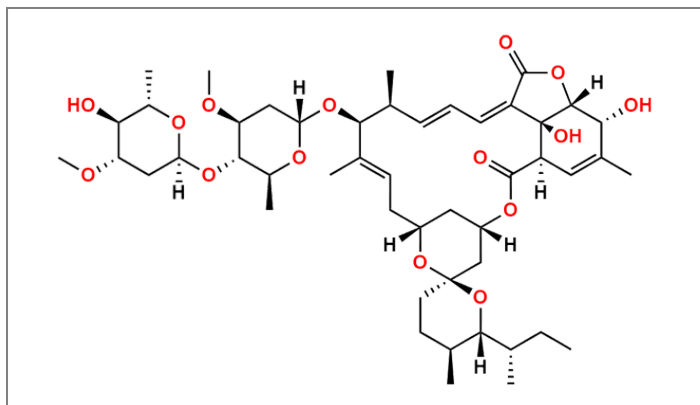
Re-test Date:

**Product Name: Ivermectin EP Impurity D**

**Identification:**

Chemical Name: 5-O-Demethyl-28-oxo-22,23-dihydroivermectin A1a

Synonyms : 28-oxoH2B1a  
CAS Number : 102190-55-6  
CAT Number : CP-I18004  
Molecular Formula : C48H72O15  
Molecular Weight : 889.09



**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.