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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2026

**Product Name: Ivermectin EP Impurity A**

### Identification:

Chemical Name: 5-O-Demethylivermectin A1a

Synonyms : Avermectin B1a

CAS Number : 65195-55-3

CAT Number : CP-I18001

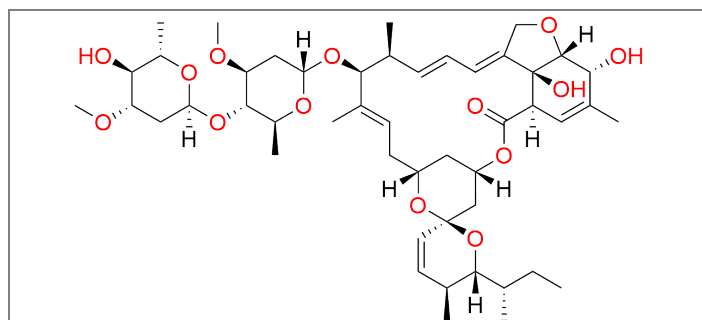
Molecular Formula : C<sub>48</sub>H<sub>72</sub>O<sub>14</sub>

Molecular Weight : 873.09

Batch Number : CP-IVE-A-0624

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.36%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.