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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2026

Product Name: Ivermectin EP Impurity E

Identification:

Chemical Name: 5-O,12-Didemethyl-12-ethyl-22,23-dihydroavermectin A1a (as per EP)

Synonyms : 2-demethyl-12-ethyl-H2B1a

CAS Number : NA

CAT Number : CP-I18005

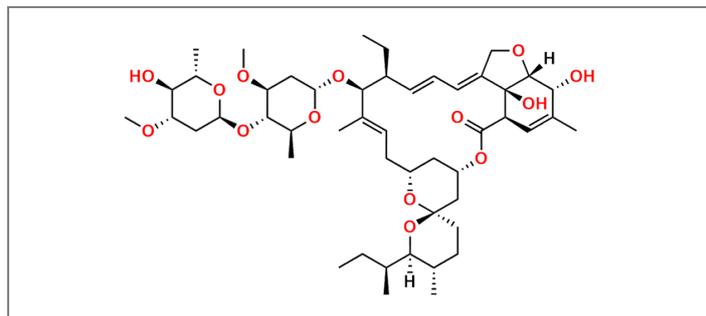
Molecular Formula : C49H76O14

Molecular Weight : 889.10

Batch Number : CP-IVE-E-0624

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.56%
5)	1HNMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.