

Analysis Date: 14-08-2025

Re-test Date: 14-08-2028

IVERMECTIN EP IMPURITY J

Identification

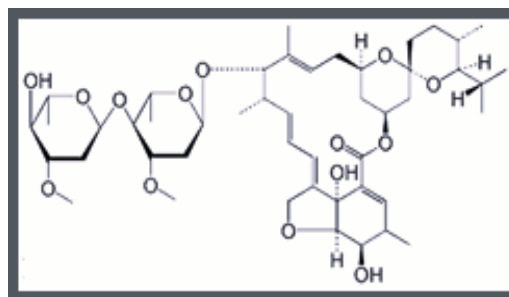
Chemical Name : 2,3-Didehydro-5-O-demethyl-25-de(1-methylpropyl)-25-(1-methylethyl)-3,4,22,23-tetrahydroavermectin A1a

CAT No : ALL-IVE-EPJ

CAS No : N.A.

Molecular Formula : C₄₇H₇₂O₁₄

Molecular Weight : 861.07



Analytical Information

Batch Code	: ALL-IVE-EPJ	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.29%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.322%	¹H NMR	: Confirm
Residue Of Ignition	: 1.413%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.322+1.413) × 98.00]/100 = 96.29%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr.Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office