

Analysis Date: 14-08-2025

Re-test Date: 14-08-2028

IVERMECTIN EP IMPURITY K

Identification

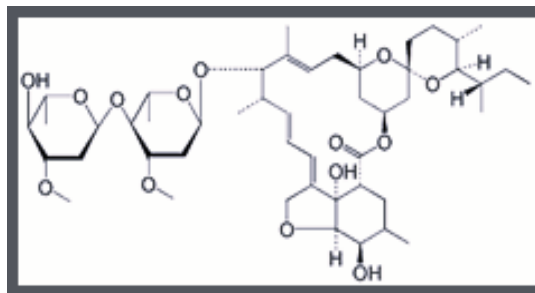
Chemical Name : (4R) and (4S)-5-O-Demethyl-3,4,22,23-tetrahydroavermectin A1a

CAT No : ALL-IVE-EPK

CAS No : 74567-01-4

Molecular Formula : C₄₈H₇₆O₁₄

Molecular Weight : 877.11



Analytical Information

Batch Code	: ALL-IVE-EPJK	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.67%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.715%	¹H NMR	: Confirm
Residue Of Ignition	: 0.635%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.715+0.635) × 98.00]/100 = 96.67%

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