

Analysis Date: 05-01-2026

Re-test Date: 05-01-2029

MILBEMYCIN EP IMPURITY D

Identification

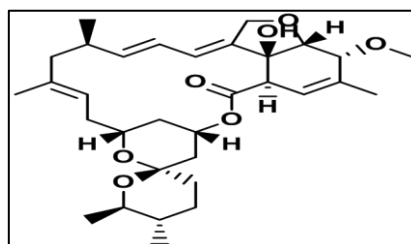
Chemical Name : (2aE,2'R,2a1S,4E,5'S,6R,6'R,8E,11R,15S,17aR,20R,20aR)-2a1-hydroxy-20-methoxy-5',6,6',8,19-pentamethyl-2a1,3',4',5',6,6',7,10,11,14,15,17a,20,20a-tetradecahydrospiro[2H,17H-11,15-methanofuro[4,3,2-pq][2,6]benzodioxacyclooctadecine-13,2'-pyran]-17-one (as per EP)

CAT No : ALL-MIL-6

CAS No : N.A.

Molecular Formula : C₃₂H₄₆O₇

Molecular Weight : 542.7



Analytical Information

Batch Code	: ALL-MIL-6	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.31 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Wt. Loss By TGA	: 0.162 %	1HNMR	: Confirm
Residue Of Ignition	: 0.539 %		

Additional Information

%Potency = [100 - (Wt. Loss By TGA % + ROI %) × Chromatographic Purity%]/100 =
[100 - (0.539+0.162) × 98.00]/100 = 97.31 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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

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