

CERTIFICATE OF ANALYSIS

(Certificate No. KME001021-01)

Release Date: 16/01/2026

Re-test Date: 15/01/2029

ANHYDROERYTHROMYCIN A

Identification

Chemical Name :

(1S,2R,3R,4S,5R,8R,9S,10S,11R,12R,14R)-9-[(2,6-dideoxy-3-C-methyl-3-O-methyl- α -L-ribo-hexopyranosyl)oxy]-5-ethyl-3-hydroxy-2,4,8,10,12,14-hexamethyl-11-[[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylo-hexopyranosyl]oxy]-6,15,16-trioxatricyclo[10.2.1.11,4]hexadecan-7-one (as per EP)

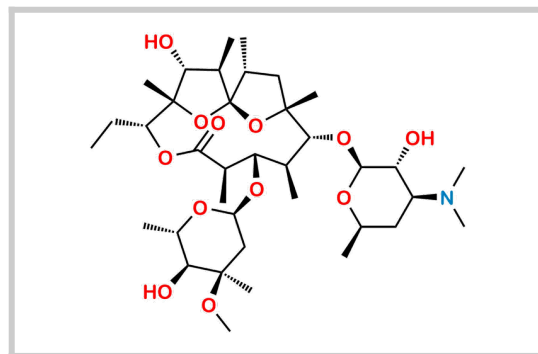
Alt. Name : Anhydroerthromycin A (EP)

CAT No. : KME001021

CAS No. : 23893-13-2

Molecular Formula : C₃₇H₆₅NO₁₂

Molecular Weight : 715.9



Analytical Information

Batch No. : E001021-102-092

Description : Off White Solid

HPLC Purity : 95.72 %

Weight Loss By TGA : 1.87 %

% Potency : 93.93 %

Solubility : MeOH : ACN (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.87(Weight Loss By TGA)] x [95.72(HPLC Purity)]/100 = 93.93 %
-Re-tested on 16.01.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/01/2026

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA