CERTIFICATE OF ANALYSIS

(Certificate No. KME001021-01)

Release Date: 09/01/2023 **Re-test Date:** 08/01/2026

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)

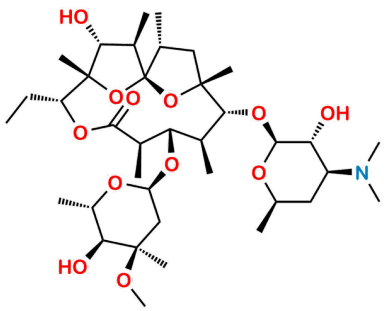
Alt. Name : Anhydroerthromycin A (EP)

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 : 95.87 %

Weight Loss By TGA : 1.34 %

% Potency : 94.59 %

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 - 1.34(Weight Loss By TGA)] x [95.87(HPLC Purity)]/100 = 94.59 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/06/2025

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