CERTIFICATE OF ANALYSIS

(Certificate No. KME001023-01)

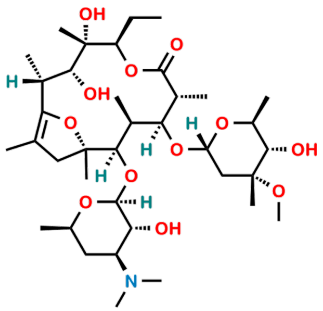
Release Date: 05/09/2024 **Re-test Date:** 04/09/2027

Erythromycin A Enol ether

Identification

Chemical Name :
(2R,3R,4S,5R,8R,9S,10S,11R,12R)-9-[(2,6-dideoxy-3-C-methyl-3-O-methyl-α-L-ribo-hexopyranosyl)oxy]-5-ethyl-3,4-dihydroxy-2,4,8,10,12,14-hexamethyl-11-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-6,15-dioxabicyclo[10.2.1]pentadec-1(14)-en-7-one (as per EP)

Alt. Name	: Erythromycin A Enol ether (EP)
CAT No.	: KME001023
CAS No.	: 33396-29-1
Molecular Formula	: C37H65NO12
Molecular Weight	: 715.9



Analytical Information

Batch No.	: E001023-073-358	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 97.41 %	**IR**	: Confirm
Weight Loss By TGA	: 2.01 %	**1H NMR**	: Confirm
% Potency	: 95.45 %		

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 - 2.01(Weight Loss By TGA)] x [97.41(HPLC Purity)]/100 = 95.45 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/03/2025

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