CERTIFICATE OF ANALYSIS

(Certificate No. KMA001019-01)

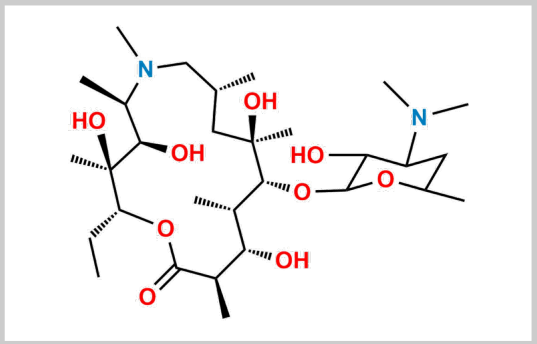
Release Date: 26/07/2025 **Re-test Date:** 25/07/2028

Desosaminylazithromycin

Identification

Chemical Name :
13-O-Decladinosylazithromycin (as per EP) ; (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-2-Ethyl-3,4,10,13-tetrahydroxy-3,5,6,8,10,12,14-heptamethyl-11-[[3,4,6-trideoxy-3-dimethylamino-Beta-D-xylo-hexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-15-one (as per USP)

Alt. Name	: Desosaminylazithromycin (USP) ; Descladinose Azithromycin
CAT No.	: KMA001019
CAS No.	: 117693-41-1
Molecular Formula	: C30H58N2O9
Molecular Weight	: 590.8



Analytical Information

Batch No.	: A001019-102-140	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.31 %	**IR**	: Confirm
Weight Loss By TGA	: 1.21 %	**1H NMR**	: Confirm
% Potency	: 98.11 %		

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 - 1.21(Weight Loss By TGA)] x [99.31(HPLC Purity)]/100 = 98.11 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/07/2025

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