CERTIFICATE OF ANALYSIS

(Certificate No. KMA001007-01)

Release Date: 24/09/2026 **Re-test Date:** 23/09/2029

Azithromycin

Identification

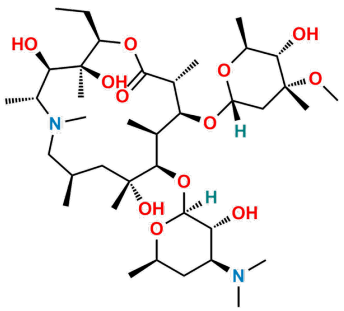
Chemical Name :
(2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-13-[(2,6-Dideoxy-3-C-methyl-3-O-methyl-α-L-ribo-hexopyranosyl)oxy]-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptamethyl-11-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-15-one

CAT No. : KMA001007

CAS No. : 83905-01-5

Molecular Formula : C38H72N2O12

Molecular Weight : 749



Analytical Information

Batch No.	: A001007-136-217	**Solubility**	: Acetonitrile
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.42 %	**IR**	: Confirm
Weight Loss By TGA	: 1.78 %	**1H NMR**	: Confirm
% Potency	: 97.65 %	**13C 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 - 1.78(Weight Loss By TGA)] x [99.42(HPLC Purity)]/100 = 97.65 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		24/09/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA