CERTIFICATE OF ANALYSIS

(Certificate No. KMA177001-01)

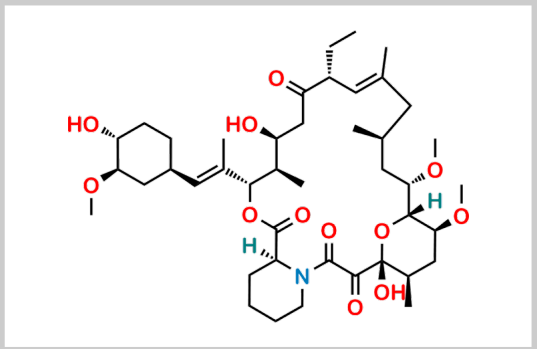
Release Date: 03/08/2024 **Re-test Date:** 02/08/2027

ASCOMYCIN

Identification

Chemical Name :
(1R,9S,12S,13R,14S,17R,18E,21S,23S,24R,25S,27R)-17-Ethyl-1,14-dihydroxy-12-[(1E)-1-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]prop-1-en-2-yl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxa-4-azatricyclo[22.3.1.04,9]octacos-18-ene-2,3,10,16-tetrone

Alt. Name	: Ascomycin ; Tacrolimus USP RC A ; Tacrolimus Desmethylene Impurity ; Immunomycin
CAT No.	: KMA177001
CAS No.	: 104987-12-4
Molecular Formula	: C43H69NO12
Molecular Weight	: 792.0



Analytical Information

Batch No.	: EB08/S3/24/002	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
% Potency	: 0 %	**IR**	: Confirm
		1H NMR	: Confirm
		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 -] x []/100 = 0 %

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/08/2024

Attachments : COA, MASS, 1HNMR, 13CNMR, IR