CERTIFICATE OF ANALYSIS

(Certificate No. KMM017003-01)

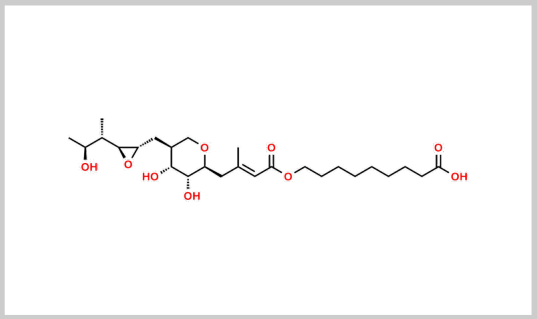
Release Date: 03/08/2024 **Re-test Date:** 02/08/2027

Mupirocin

Identification

Chemical Name :
9-[[(2E)-4-[(2S,3R,4R,5S)-3,4-Dihydroxy-5-[[(2S,3S)-3-[(1S,2S)-2-hydroxy-1-methylpropyl]oxiranyl]methyl] tetrahydro-2H-pyran-2-yl]-3-methylbut-2-enoyl]oxy]nonanoic acid (as per EP); (E)-(2S,3R,4R,5S)-5-[(2S,3S,4S,5S)-2,3-Epoxy-5-hydroxy-4-methylhexyl]tetrahydro-3,4-dihydroxy-β-methyl-2H-pyran-2-crotonic acid, ester with 9-hydroxynonanoic acid (as per USP)

Alt. Name	: Pseudomonic acid ; Turixin ; trans-Pseudomonic acid
CAT No.	: KMM017003
CAS No.	: 12650-69-0
Molecular Formula	: C26H44O9
Molecular Weight	: 500.6



Analytical Information

Batch No.	: EB01/S4/24/016	**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 %

Recommendation : Released

	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