

# 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)

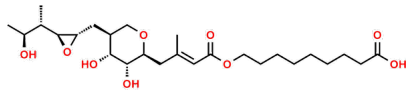
**Alt. Name** : Pseudomonic acid ; Turixin ; trans-Pseudomonic acid

**CAT No.** : KMM017003

**CAS No.** : 12650-69-0

**Molecular Formula** : C<sub>26</sub>H<sub>44</sub>O<sub>9</sub>

**Molecular Weight** : 500.6



### Analytical Information

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

**Description** : White Solid

**Solubility** : Methanol

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR