

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC025058-01)

Release Date: 24/12/2025

Re-test Date: 23/12/2028

## Lincomycin 2-phosphate

### Identification

**Chemical Name :**

Methyl 6,8-dideoxy-6-[[[(2S,4R)-1-methyl-4-propylpyrrolidin-2-yl]carbonyl]amino]-2-O-phosphono-1-thio-D-erythro- $\alpha$ -D-galacto-octopyranoside (as per EP)

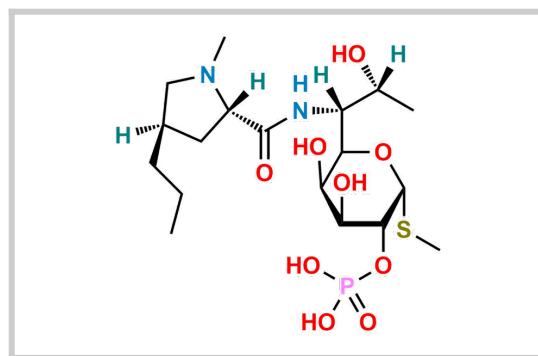
**Alt. Name** : Lincomycin 2-phosphate (EP)

**CAT No.** : KMC025058

**CAS No.** : 1228573-93-0

**Molecular Formula** : C<sub>18</sub>H<sub>35</sub>N<sub>2</sub>O<sub>9</sub>PS

**Molecular Weight** : 486.5



### Analytical Information

**Batch No.** : C025058-114-079

**Solubility** : Water

**Description** : White Soild

**Mass** : Confirm

**HPLC Purity** : 97.24 %

**IR** : Confirm

**Weight Loss By TGA** : 5.89 %

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

**% Potency** : 91.51 %

**<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 - 5.89(Weight Loss By TGA)] x [97.24(HPLC Purity)]/100 = 91.51 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/12/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>C NMR, IR and TGA