

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- α -D-galacto-octopyranoside (as per EP)

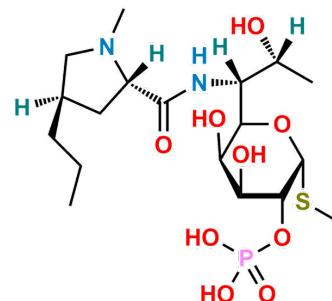
Alt. Name : Lincomycin 2-phosphate (EP)

CAT No. : KMC025058

CAS No. : 1228573-93-0

Molecular Formula : C18H35N2O9PS

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 %

1H NMR : Confirm

% Potency : 91.51 %

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 - 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, 1HNMR, 13C NMR, IR and TGA