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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

**Product Name: Clindamycin Phosphate EP Impurity G**

### Identification:

Chemical Name: (2S,4R)-N-((1R,2R)-1-((1R,5S,6R,8R,9S)-3,9-dihydroxy-8-(methylthio)-3-oxido-2,4,7-trioxo-3-phosphabicyclo[3.3.1]nonan-6-yl)-2-hydroxypropyl)-1-methyl-4-propylpyrrolidine-2-carboxamide

Synonyms : Lincomycin 2,4-Phosphatidyl ;  
Lincomycin 2,4-(hydrogen phosphate)

CAS Number : NA

CAT Number : CP-C26007

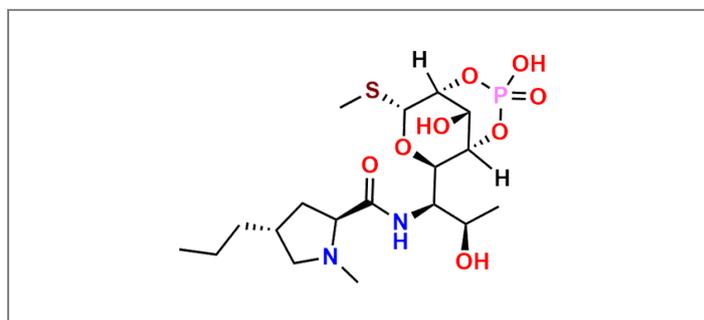
Molecular Formula : C<sub>18</sub>H<sub>33</sub>N<sub>2</sub>O<sub>8</sub>PS

Molecular Weight : 468.50

Batch Number : CP-44-114

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/ DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity by HPLC	99.42%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	Weight loss by TGA	3.793%
7)	Potency by TGA	95.65%



#### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

#### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.