

Analysis Date: 23-07-2025

Re-test Date: 23-07-2028

## CLINDAMYCIN PHOSPHATE IMPURITY 3 (S-ISOMER)

### Identification

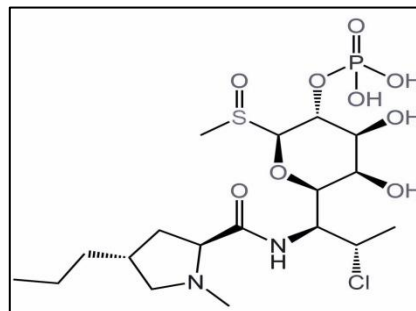
**Chemical Name** : [(2R,3R,4S,5R,6R)-6-(1S,2S)-2-chloro-1-(2S,4R)-1-methyl-4-propylpyrrolidin-2-ylformamidopropyl]-4,5-dihydroxy-2-[(R)-methanesulfinyl]oxan-3-yl dihydrogen phosphate

**CAT No** : ALL-C03697

**CAS No** : N.A.

**Molecular Formula** : C<sub>18</sub>H<sub>34</sub>ClN<sub>2</sub>O<sub>9</sub>PS

**Molecular Weight** : 521.0



### Analytical Information

<b>Batch No</b>	: ALL-C03697	<b>HPLC Purity</b>	: 97.90 %
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.12 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.767 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 1.047 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.767+1.047) × 97.90]/100 = 96.12 %

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office