

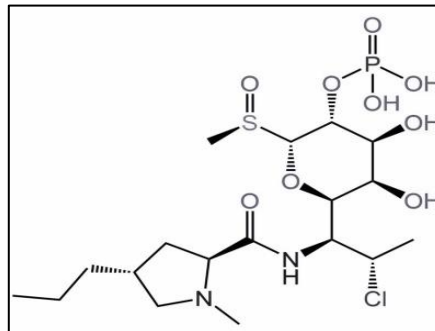
Analysis Date: 23-07-2025

Re-test Date: 23-07-2028

## CLINDAMYCIN PHOSPHATE IMPURITY 1 (R-ISOMER)

### Identification

<b>Chemical Name</b>	: [(2R,3R,4S,5R,6R)-6-((1S,2S)-2-chloro-1-((2S,4R)-1-methyl-4-propylpyrrolidine-2-yl)formamido)propyl]-4,5-dihydroxy-2-[(S)-(methanesulfinyl)oxan-3-yl dihydrogen phosphate
<b>CAT No</b>	: ALL-C03698
<b>CAS No</b>	: N.A
<b>Molecular Formula</b>	: C <sub>18</sub> H <sub>34</sub> ClN <sub>2</sub> O <sub>9</sub> PS
<b>Molecular Weight</b>	: 520.96



### Analytical Information

<b>Batch No</b>	: ALL-C03698	<b>HPLC Purity</b>	: 95.84%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 94.57%
<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>	: 0.138 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 1.187 %		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.138 + 1.187) \times 95.84] / 100 = 94.57 \%$$

**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