

Analysis Date: 21-01-2023

Re-test Date: 21-01-2026

## CLINDAMYCIN 2-PHOSPHATE SULFOXIDE | MIXTURE OF DIASTEREOMERS

### Identification

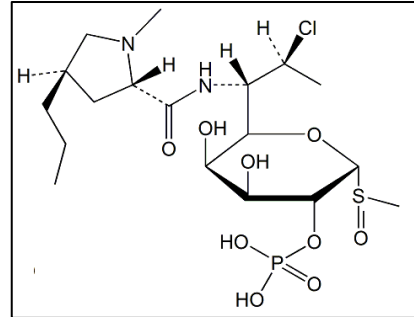
**Chemical Name** : 7-Chloro-1,6,7,8-tetradeoxy-6-[[[(2S,4R)-1-methyl-4-propyl-2-pyrrolidiny]carbonyl]amino]-1-(methylsulfinyl)-L-threo- $\alpha$ -D-galactooctopyranose 2-(Dihydrogen Phosphate)

**CAT No** : ALL- C03699

**CAS No** : 1228573-90-7

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

**Molecular Weight** : 520.96



### Analytical Information

<b>Batch Code</b>	: ALL- C03699	<b>HPLC Purity</b>	: 90.77 %
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 89.37 %
<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>	: 0.638 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.903 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.638+0.903) × 90.77]/100 = 89.37 %

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase 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