

Analysis Date: 07-06-2025

Re-test Date: 07-06-2028

## CLINDAMYCIN PHOSPHATE EP IMPURITY F / LINCOMYCIN 2-PHOSPHATE

### Identification

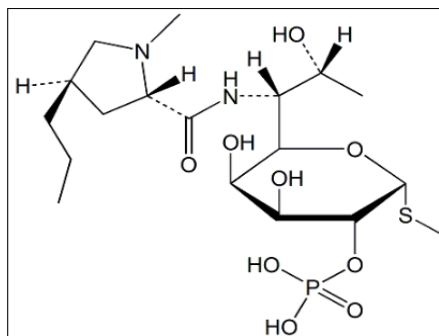
**Chemical Name** : Methyl 6,8-dideoxy-6-[[[(2S,4R)-1-methyl-4-propyl-2-pyrrolidiny] carbonyl]amino]-2-O-phosphono-1-thio-D-erythro- $\alpha$ -D-galacto-octopyranoside

**CAT No** : ALL-C03696

**CAS No** : 27480-30-4

**Molecular Formula** : C<sub>18</sub>H<sub>35</sub>N<sub>2</sub>O<sub>9</sub>PS

**Molecular Weight** : 486.52



### Analytical Information

<b>Batch No</b>	: ALL-C03696	<b>HPLC Purity</b>	: 97.14 %%
<b>Solubility</b>	: MeOH	<b>Potency</b>	: 89.25%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.427%	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 6.694%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (1.427+ 6.694) × 97.14]/100 = 89.25%

**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