

Analysis Date: 25-06-2022

Re-test Date: 25-06-2025

CLINDAMYCIN PALMITATE

Identification

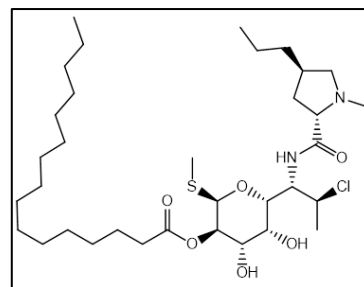
Chemical Name : (2R,3R,4S,5R,6R)-6-((1S,2S)-2-Chloro-1-((2S,4R)-1-methyl-4-propylpyrrolidine-2-carboxamido)propyl)-4,5-dihydroxy-2-(methylthio)tetrahydro-2H-pyran-3-yl Palmitate

CAT No : ALL-C03194

CAS No : 36688-78-5 (FREE BASE)

Molecular Formula : C₃₄H₆₃ClN₂O₆S (FREE BASE)

Molecular Weight : 663.39 (FREE BASE)



Analytical Information

Batch Code	: ALL-C03194	HPLC Purity	: 94.62%
Solubility	: Methanol / EP Diluent	Potency	: 93.98 %
Appearance of Product	: Clear Liquid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.633%	¹H NMR	: Confirm
Residue Of Ignition	: 0.039%	¹³C NMR	: Confirm

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.633 + 0.039) \times 94.62] / 100 = 93.98 \%$$

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, ¹H NMR, IR, TGA, ¹³C NMR, Q-NMR, UV REPORT

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

Corporate Office

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