

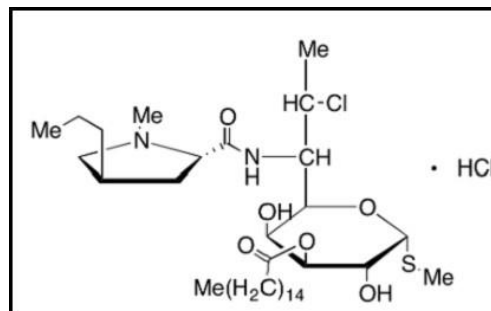
Analysis Date: 12-10-2023

Re-test Date: 12-10-2026

CLINDAMYCIN-3-PALMITATE

Identification

Chemical Name	: 2-(2-Chloro-1-(1-methyl-4-propylpyrrolidine-2-carboxamido)propyl)-3,5-dihydroxy-6-(methylthio)tetrahydro-2H-pyran-4-yl palmitate
CAT No	: ALL-C04449
CAS No	: 68225-59-2 (HCl)
Molecular Formula	: C ₃₄ H ₆₃ ClN ₂ O ₆ S
Molecular Weight	: 663.4



Analytical Information

Batch Code	: ALL-C04449	HPLC Purity	: 99.26 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 98.17 %
Appearance of Product	: Sticky Liquid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.669 %	¹ H NMR	: Confirm
Residue Of Ignition	: 0.427 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.669 + 0.427) \times 99.26] / 100 = 98.17 \%$$

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, ¹H NMR, IR, TGA

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

Corporate Office

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