Certificate Of Analysis

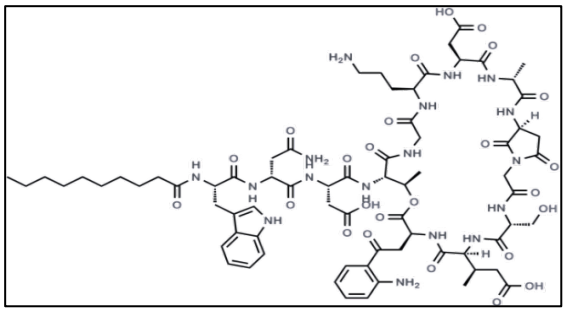
Analysis Date: 25-06-2025 **Re-test Date:** 25-06-2028

DAPTOMYCIN ANHYDRO IMPURITY

Identification

Chemical Name : (3S)-3-((R)-4-Amino-2-((S)-2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-4-(((5R,8S,11S,14R,15S,21S,24S,27R,30S)-11-(2-(2-aminophenyl)-2-oxoethyl)-21-(3-aminopropyl)-24-(carboxymethyl)-8-((R)-1-carboxypropan-2-yl)-5-(hydroxymethyl)-14,27-dimethyl-3,6,9,12,16,19,22,25,28,32,33-undecaoxo-13-oxa-1,4,7,10,17,20,23,26,29-nonaazabicyclo[28.2.1]tritriacontan-15-yl)amino)-4-oxobutanoic acid

CAT No : ALL-D07025



CAS No : 121869-35-0

Molecular Formula : C72H99N17O25

Molecular Weight : 1602.7

Analytical Information

Batch Code	: ALL-D07025	**HPLC Purity**	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	**Potency**	: 97.43%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: -20^0 C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 0.340%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.228%		

Additional Information

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

[100 – (0.340+0.228) × 98.03]/100 = 97.43%

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

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

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203