

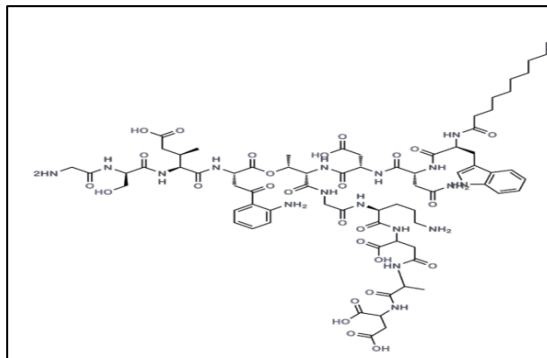
Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

DAPTOMYCIN IMPURITY 37

Identification

Chemical Name	: (3-((S)-5-Amino-2-(2-((2S,3R)-2-((S)-2-((R)-4-amino-2-((S)-2-decanamido-3-(1H-indol-3-yl)propanamido)-4-oxobutanamido)-3-carboxypropanamido)-3-(((S)-2-((2S,3R)-2-((R)-2-(2-aminoacetamido)-3-hydroxypropanamido)-4-carboxy-3-methylbutanamido)-4-(2-aminophenyl)-4-oxobutanoyloxy)butanamido)acetamido)pentanamido)-3-carboxypropanoyl)alanyl)aspartic acid
CAT No	: ALL-D07817
CAS No	: N.A.
Molecular Formula	: C72H103N17O27
Molecular Weight	: 1638.7



Analytical Information

Batch Code	: ALL-D07817	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.14%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.420%	¹HNMR	: Confirm
Residue Of Ignition	: 0.468%		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.420 + 0.468) \times 98.00] / 100 = 96.14\%$$

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