

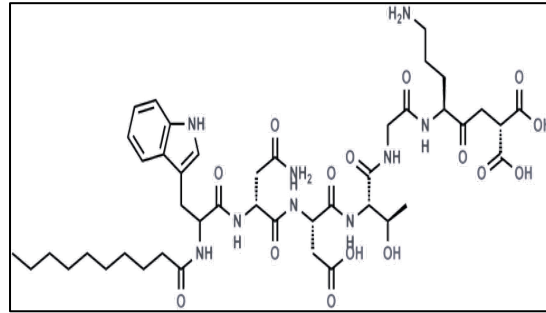
Analysis Date: 25-06-2025

Re-test Date: 25-06-2028

DAPTOMYCIN IMPURITY 16

Identification

Chemical Name	: 2-((3S,9S,12S,15R)-18-((1H-Indol-3-yl)methyl)-15-(2-amino-2-oxoethyl)-3-(3-aminopropyl)-12-(carboxymethyl)-9-((R)-1-hydroxyethyl)-2,5,8,11,14,17,20-heptaoxo-4,7,10,13,16,19-hexaazanonacosyl)malonic acid
CAT No	: ALL-D07805
CAS No	: N.A.
Molecular Formula	: C44H65N9O15
Molecular Weight	: 960.1



Analytical Information

Batch Code	: ALL-D07805	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.26%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.260%	¹HNMR	: Confirm
Residue Of Ignition	: 0.479%		

Additional Information

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

$$[100 - (0.260 + 0.479) \times 98.00] / 100 = 97.26\%$$

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