Certificate Of Analysis

Analysis Date: 24-03-2025 **Re-test Date:** 24-03-2028

CASPOFUNGIN IMPURITY 12

Identification

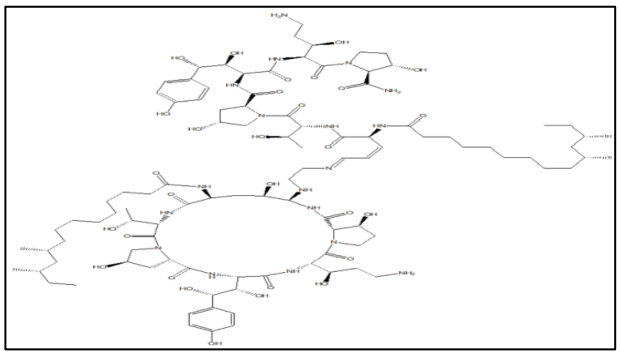
Chemical Name : (2S,4R)-N-((2S,3S,4S)-1-(((2S,3R)-5-amino-1-((2S,3S)-2-carbamoyl-3-hydroxypyrrolidin-1-yl)-3-hydroxy-1-oxopentan-2-yl)amino)-3,4-dihydroxy-4-(4-hydroxyphenyl)-1-oxobutan-2-yl)-1-(((S,3Z,5E)-5-(((2R,6S,9S,11R,12S,14aS,15S,20S,23S,25aS)-20-((R)-3-amino-1-hydroxypropyl)-23-((1S,2S)-1,2-dihydroxy-2-(4-hydroxyphenyl)ethyl)-9-((10R,12S)-10,12-dimethyltetradecanamido)-2,11,15-trihydroxy-6-((R)-1-hydroxyethyl)-5,8,14,19,22,25-hexaoxotetracosahydro-1H-dipyrrolo[2,1-c:2',1'-l][1,4,7,10,13,16]hexaazacyclohenicosin-12-yl)amino)ethyl)imino)-2-((10R,12S)-10,12-dimethyltetradecanamido)pent-3-enoyl)-D-allothreonyl)-4-hydroxypyrrolidine-2-carboxamide

CAT No : ALL-CAS-6215

CAS No : N.A.

Molecular Formula : C102H166N18O29

Molecular Weight : 2108.5



Analytical Information

Batch Code	: ALL-CAS-6215	**HPLC Purity**	: 98.04%
Solubility	: METHANOL	**Potency**	: 96.09%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^{0}C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 1.680 %	**1HNMR**	: Confirm
Residue Of Ignition	: 1.107%		

Additional Information

%Potency = [100 -(Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.680+ 1.107× 98.04]/100= 96.09%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar 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

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

otherwise specified

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