Certificate Of Analysis

Analysis Date: 26-02-2025 **Re-test Date:** 26-02-2028

D-ASN5-CARBETOCIN

Identification

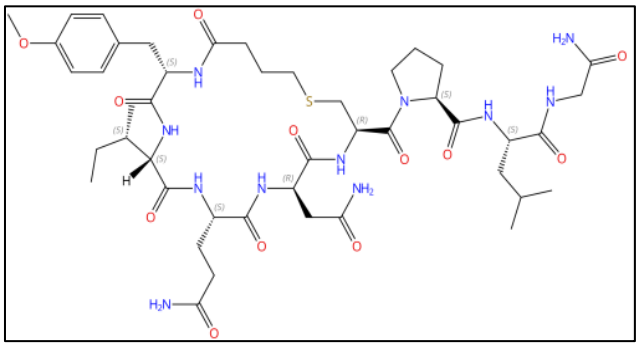
Chemical Name : (S)-1-((3R,6R,9S,12S,15S)-6-(2-Amino-2-oxoethyl)-9-(3-amino-3-oxopropyl)-12-((S)-sec-butyl)-15-(4-methoxybenzyl)-5,8,11,14,17-pentaoxo-1-thia-4,7,10,13,16-pentaazacycloicosane-3-carbonyl)-N-((S)-1-((2-amino-2-oxoethyl)amino)-4-methyl-1-oxopentan-2-yl)pyrrolidine-2-carboxamide

CAT No : ALL-CAR-4272

CAS No : 1631754-27-2

Molecular Formula : C45H69N11O12S

Molecular Weight : 988.2



Analytical Information

Batch Code	: ALL-CAR-4272	**HPLC Purity**	: 98.02%
Solubility	: METHANOL	**Potency**	: 96.22%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^{0}C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 1.217%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.612 %		

Additional Information

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

[100 – (1.217+ 0.612× 98.02]/100= 96.22%

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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