

Certificate of Analysis

Product Name	SS-31	CAS No.	736992-21-5
Molecular Formula	C ₃₂ H ₄₉ N ₉ O ₅	Molecular Weight	639.79
Sequence	H-D-Arg-Dmt-Lys-Phe-NH ₂		
Batch No.	260701	Report Date	2026-07-10
Mfg.Date	2026-07-01	Retest Date	2028-06-30
Quality Standard	Enterprise Standards		
Store Condition	Preserved in tight containers. Stored at a temperature of 2-8°C		

Test Items		Specifications	Results
Characters	Appearance	White to off-white powder	White powder
Identification	HPLC Identification	Consistent with the reference substance	Conforms
	Molecular Ion Mass	639.79±1.0	Conforms
Test	Water content (K.F)	≤8.0%	3.1%
Purity	Purity (by HPLC)	≥99.0%	99.78%
	Peptide Content (calculated as anhydrous material)	≥80.0%	81.7%
Related Substances (by HPLC)	Total impurities	≤1.0%	0.22%
	Maximum single impurity	≤0.5%	0.22%
Counter ion	TFA Content	≤0.5%	0.19%
	Acetate Content	≤15.0%	14.7%
Residual solvent	Dichloromethane Acetonitrile Methanol Isopropyl ether Dimethylformamide	≤ 600ppm ≤410ppm ≤3000ppm ≤ 5000ppm ≤ 880ppm	Not Detected 82ppm 103ppm Not Detected Not Detected
Bacterial Endotoxins		NMT 5EU/mg	Conforms

Remark: This product is used only for research.

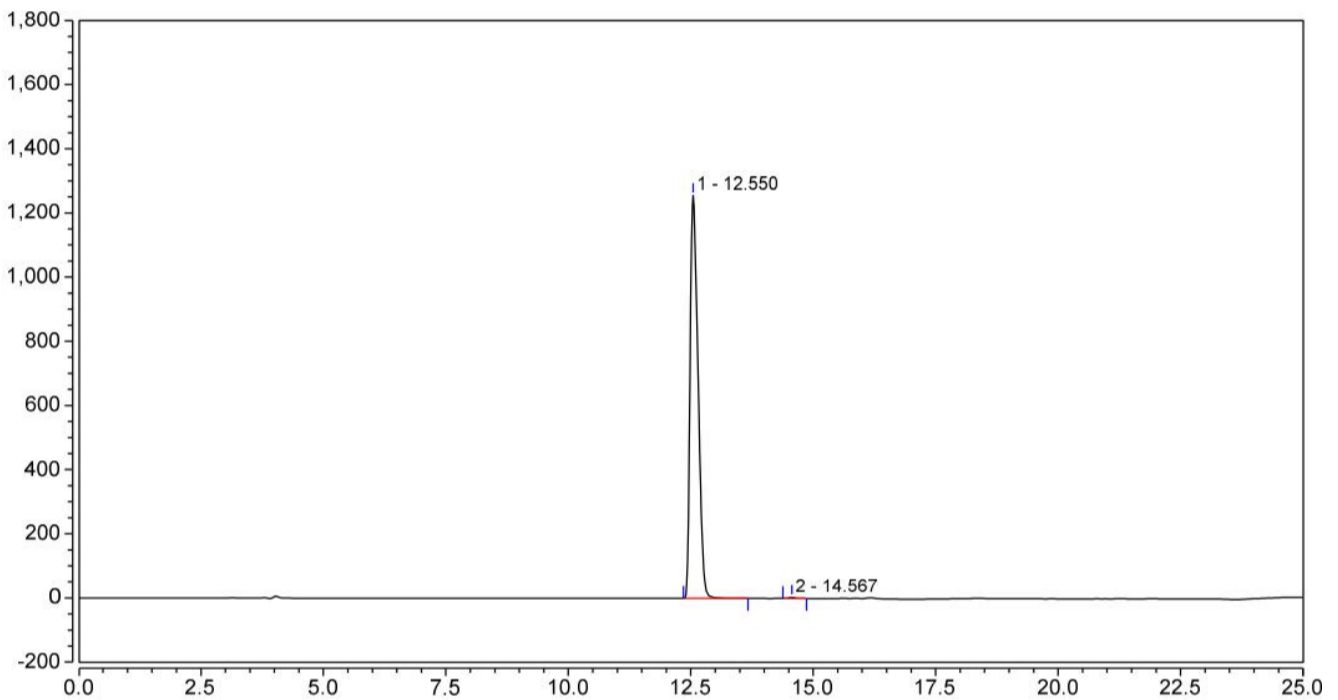
Reporter :

Reviewer :

HPLC Analysis Report

Sample Name: SS-31
Sample Type: CRO
Vial: 8
Injection#: 1
Injection Volume: 10 ul
Date Acquired: 2026/07/05 10:58:33
Date Processed: 2026/07/05 11:53:23

Acquired By: System
Sample Set Name: SS-31-260701
Test Wavelength: 215nm



Peak Table

Peak#	Ret. Time min	Peak Area mAU*min	Relative Peak Area %	Peak Height mAU	Relative Peak Height %
1	12.550	235.065	99.78	1254.887	99.70
2	14.567	0.520	0.22	3.836	0.30
Total		235.585	100.00	1258.723	100.00