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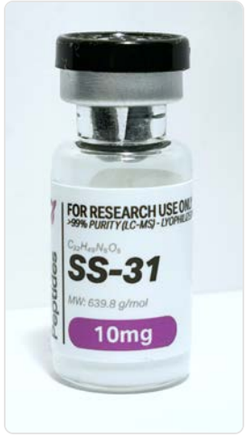
CERTIFICATE OF ANALYSIS

Purity, Identity & NPC

COA ID: QAYP5N8T

PRODUCT NAME	CLIENT	LOT ID
SS-31 (Elamipretide)	Cosmic Peptides	26080
MOLECULAR FORMULA	**MOLECULAR WEIGHT**	**DISSOLUTION**
$C_{32}H_{49}N_9O_5$	639.38 g/mol	100% Ultrapure H_2O

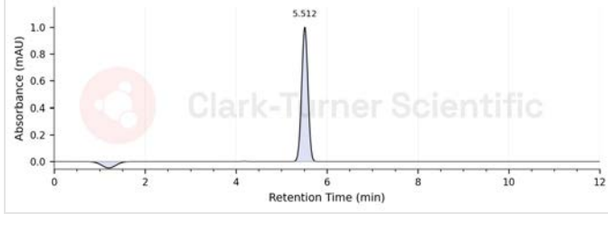
TEST RESULTS



01/20/2026 QAYP5N8T

TEST	SPECIFICATION	RESULT	STATUS
Appearance	White to off-white powder	Lyophilized White Powder	✓ CONFORMS
Purity (HPLC)	≥ 98.0%	99.78%	✓ CONFORMS
Net Peptide Content	Report result	10.12 mg	✓ CONFORMS
Identity (MS)	640.44 ± 0.5 Da $[M+H]^+$	640.44 Da	✓ CONFORMS
Total Impurities	≤ 2.0%	0.22%	✓ CONFORMS

HPLC CHROMATOGRAM

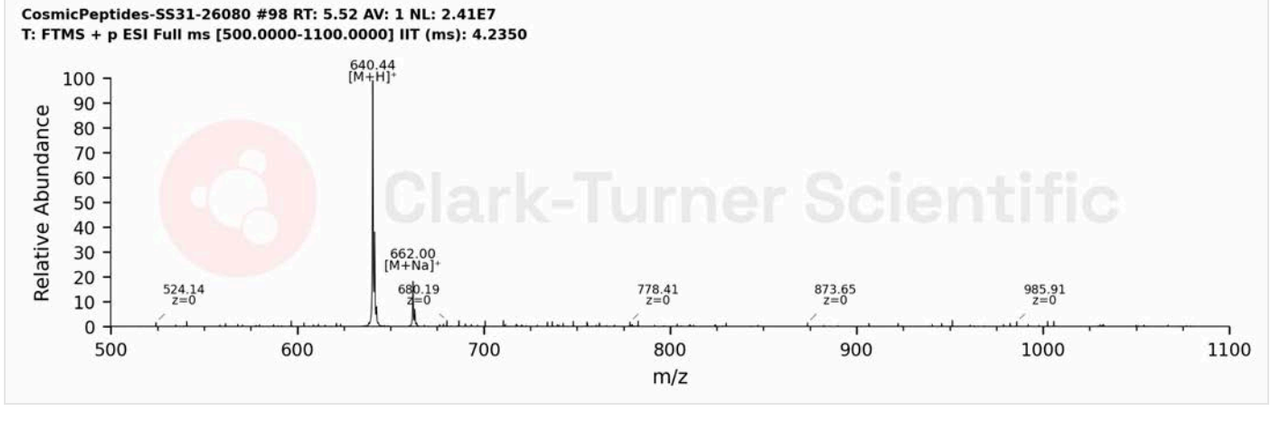


PEAK #	RT (MIN)	AREA %
1	5.512	99.78

TEST PARAMETERS

Pump A	0.1% trifluoroacetic acid in 100% water
Pump B	0.1% trifluoroacetic acid in 100% acetonitrile
Total Flow	1.0 mL/min
Wavelength	220 nm
Analytical Column	Agilent ZORBAX StableBond 5µm C18 (4.6 × 250 mm)
Dissolution Method	100% H_2O
Injection Volume	30 µL
Analysis Date	January 20, 2026

MASS SPECTROMETRY (ESI-MS)



EXPECTED $[M+H]^+$: 640.44 Da OBSERVED $[M+H]^+$: 640.44 Da MASS ACCURACY: < 0.01 Da

This Certificate of Analysis certifies that the above-referenced sample was tested according to Clark-Turner Scientific standard operating procedures. All results reported herein are accurate and complete to the best of our knowledge. This document is intended solely for the use of the addressee and may contain confidential information.

Michael Weber 01/20/2026

Michael Weber, M.S., Principal Analytical Chemist