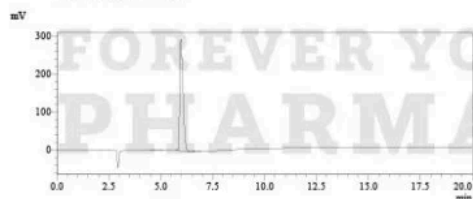


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	SS-31 (Elamipretide) 10mg
Client Name/Lot No.	Molecular Solutions Peptides / Batch# R250327-SS3-J001
Sequence	D-Arg-Dmt-Lys-Phe-NH ₂
Dissolution condition	100% H ₂ O
Length	4AA
Molecular Weight	639.8 g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	4.590	0.102
2	5.122	0.009
3	5.956	99.889

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	10.49 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.9%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

TEST PARAMETERS

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	1.0ml/min
Wavelength	214nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H ₂ O
Injection Volume	20µL

CONCLUSION

One 3ml vial contained a white lyophilized powder with a blue cap and silver crimp and is Batch# R250327-SS3-J001.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.9% SS-31 (10.49 mg), and the rest are impurities of minor significance.

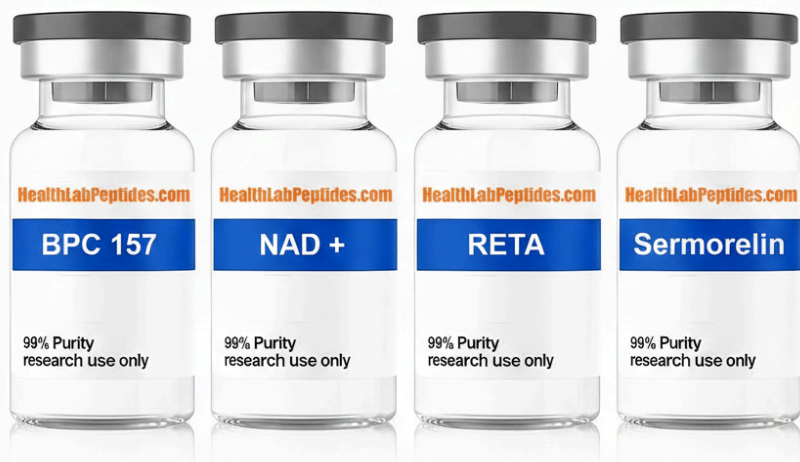
CERTIFIED BY:

Dane Fredericksen

Dane Fredericksen
Analytical Chemist
04/04/2025



****Verify the validity of test results by contacting support@foreveryoungpharmacy.com****



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- Every product ships with a certificate of evaluation from an independent research laboratory-- full openness, every order.
- A basic HPLC purity number is a begin, however it is a lot more useful to see chromatograms, mass verification, shot data, or observed versus academic mass.
- For laboratory purchasers, the vital factors to consider are peptide identity, pureness documentation, batch-specific COAs, great deal traceability, item labeling, analytical screening, product type, storage space info, and vendor openness.
- If you want a personalized peptide not discovered in our magazine, send us an email with the details of your demand consisting of the name and CAS number of the peptide.
- All substances marketed by NextGen Peptides are planned purely for laboratory research functions just.

Our products are made in a regulated clean center that adheres to Great Manufacturing Practice (GMP) to make certain careful and risk-free manufacturing of all items. We make certain to confirm and verify the top quality of each set we obtain to make certain that it passes our strict Quality assurance (QC) requirements. Our QC process consists of sending out examples to the most trusted logical screening lab to test for purity, web peptide content in a vial, existence of endotoxins(lipopolysaccharides), and sterile evaluation of bacterial/yeast. Search our full magazine of research peptides up for sale, arranged to fit your lab protocol. Every item ships with complete HPLC purity documents and research-grade handling specs. Peptides Source is your trusted source for high-purity research study peptides clinically created for research laboratories, universities, and research facilities worldwide.

Quality Control

Peptide destruction includes chemical break down of peptide structures under various conditions. This write-up outlines crucial destruction systems, stability factors, and logical screening strategies pertinent to research-use-only peptides. Every set is manufactured to a minimum 99% purity limit, confirmed by HPLC evaluation prior to release. Those are the criteria made use of in this COA transparency evaluation. This article is not a complete assesement of peptide vendors, I am just showcasing the companies with one of the most appealing pureness records, which is frequently the most essential factor for the majority of buyers. The declarations made on this site have actually not been assessed by the united state . The items used by this firm are not intended to detect, treat, heal, or avoid any type of illness. For that reason, the raw material price is about 1/3 the complete price of peptide synthesis. One of the most vital facet of acquiring research peptides online is guaranteeing you are getting exactly what the label insurance claims. The market is unfortunately swarming with low quality or impure products made with little oversight. Thrive Peptides is an Arkansas-based supplier of premium research peptides and substances. HPLC literature defines chromatographic methods utilized for peptide separation and

purification, consisting of reversed-phase, size-exclusion, ion-exchange, and associated strategies [10] Additional HPLC approach literary works sustains the function of chromatographic analysis in peptide evaluation [11] Due to the fact that this post talks about peptides as a broad research-material group, the term "peptides" should not be dealt with as one compound. Our inner processes and meticulous material sourcing methods drive uniformity. Every compound [Direct sarms](#) satisfies 99%+ purity with regular lot-to-lot high quality. Our peptides are independently crafted using cutting-edge synthesis technology, keeping industry-leading criteria for purity.