SAMPLE CERTIFICATE — FOR ILLUSTRATION ONLY

REDSTONE ANALYTICS

Report No: SAMPLE-0001
Issued: 10/02/2026

Redstone Analytics, LLC
Quantitative Studies & Lab Services Est. 2007
Email: coa@redstoneanalytics.com
Web: redstoneanalytics.com

- Comprehensive Purity Report -

Test Product:	SS-31 (Elamipretide) 10mg	**Manufacturer:**	Sample Manufacturer
Client:	Sample Client	**Batch/Lot #:**	SAMPLE-LOT
Description:	Sealed vial containing white lyophilized powder with test label attached		

COMPOUND	TEST	SPECIFICATION	RESULT
SS-31 (Elamipretide) 10mg CAS: 736992-21-5 MW: 639.8 Da	**Identity** LC-MS	Mass within ±0.5 Da of 639.80 Da	**Match** Observed 639.82 Da (+0.02 Da) ☒ Pass
	Percent Purity RP-HPLC-UV area %	NLT 98.0% main peak area	**99.100%** ☒ Pass
	Quantitative Assay Net peptide content	NLT 95% label claim (mg/vial)	**10.58 mg** ☒ Pass
	Endotoxin Kinetic LAL	NMT 5.0 EU/mg	**<0.5 EU/mg** ☒ Pass
	Sterility USP <71>, 14-day	No growth after 14 days	**No growth** ☒ Pass
	Heavy Metals ICP-MS (Pb, Cd, Hg, As)	NMT 150 ppb/vial total	**<10ppb** ☒ Pass
	Residual Solvents GC-HS	Within ICH Q3C limits	**Conforms** ☒ Pass
	Water Content Karl Fischer	NMT 5.0% w/w	**2.4%** ☒ Pass
	Counter-ion Ion chromatography	TFA NMT 1.0%; acetate reported	**Acetate 5.1%** ☒ Pass
	Fentanyl Screen LC-MS/MS	Not detected (LOD 1 ng/mg)	**Not detected** ☒ Pass
	Xylazine Screen LC-MS/MS	Not detected (LOD 1 ng/mg)	**Not detected** ☒ Pass

Overall Assessment

All eleven panels within specification. Sample certificate for illustration only.

GOOD LABORATORY PRACTICE CGLP® CERTIFIED

REDSTONE ANALYTICS GUARANTEED CERTIFICATE OF ANALYSIS AUTHORIZED SIGNATURE AUTHORIZED SIGNATURE

Performing Analyst Initial & Date: 10/02/2026

SAMPLE

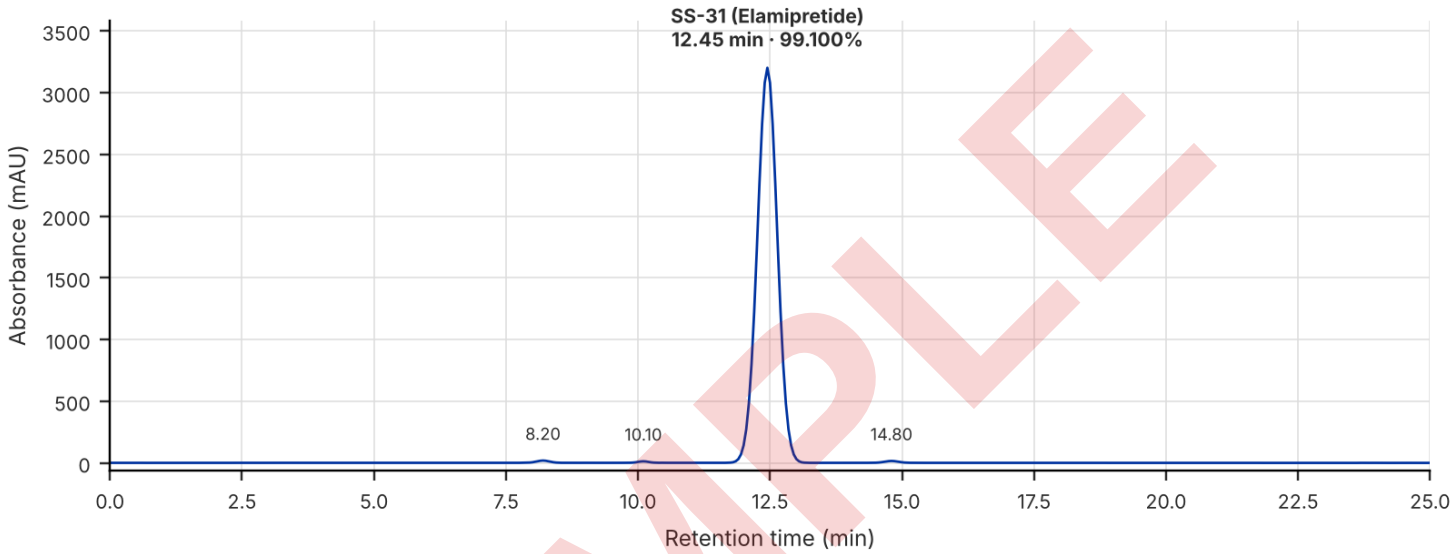
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HPLC ANALYSIS

Sample: SS-31 (Elamipretide) 10mg | Detector: DAD, 220 nm



Integration Results

#	Compound	Ret. Time (min)	Area %
1		8.200	0.400
2		10.100	0.250
3	**SS-31 (Elamipretide)**	**12.450**	**99.100**
4		14.800	0.250

Method

Method PEPTIDE_220: Agilent 1260 Infinity II HPLC with diode-array detection at 220 nm.

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NOT FOR HUMAN OR VETERINARY CONSUMPTION.
NOT FOR DIAGNOSTIC, THERAPEUTIC, CLINICAL, OR DRUG USE.

Scope of Testing

This Certificate of Analysis reflects analytical testing performed solely on the specific sample identified by the SKU and Batch/Lot number stated herein. Redstone Analytics LLC and the performing laboratory tested and reported on the sample as received. Chain of custody prior to receipt by the laboratory is not certified unless expressly stated in this report. Subsequent handling, storage, repackaging, reconstitution, relabeling, or distribution by any party may alter the attributes reported herein.

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