



Summit BioAnalytics | Nassau, The Bahamas | lab@summitbioanalytics.com | summitbioanalytics.com

TESTED FOR

Vector

SAMPLE

Semax — 10mg

PASS

BATCH #

VEC-100025S

PURITY

99.89%

MASS

10.14 mg
per bottle

IDENTITY

Confirmed

COA #: SBA-26-0075 Method: Full QC Panel
Lot Number: VEC-100025S Analysis Date: 2026-08-06
Labeled Content: 10mg Date Received: 2026-08-03
Sample Type: Clear colourless solution in a 15 mL metered spray bottle Closure: ● Black #010101



SCAN TO VERIFY

✓ Identity

✓ Purity

✓ Endotoxins

✓ Fentanyl Free

SUMMARY OF RESULTS

Analyses performed on this sample

ANALYSIS	METHOD	DATE TESTED	STATUS
Peptides	RP-HPLC / LC-MS	2026-08-04	Complete
Heavy Metals	ICP-MS	2026-08-04	Pass
Microbiological	USP <61> / <62>	2026-08-05	Pass

Test	Specification	Result
Identity	Semax	Confirmed
Purity (HPLC)	>= 98.0%	99.89%
Content (per bottle)	NLT 10 mg (label claim)	10.14 mg/bottle
Fentanyl Screen (LC-MS/MS)	Not detected	Not detected
Endotoxins (LAL)	Report Result	0.03 EU/mL

Test	Specification	Result
Heavy Metals (ICP-MS)	ICH Q3D limits	All analytes within limits
Microbial Limits (USP <61>, <62>)	USP <1111> criteria	Conforms

Qualitative and quantitative chemical analysis by RP-HPLC with UV detection; identity confirmed by LC-MS. Fentanyl screening by targeted LC-MS/MS. Full methodology available on request.

FORMULATIONDelivered dose per actuation not determined

PreservativeBenzalkonium chloride 0.02% w/v

MICROBIAL LIMITSUSP <61> enumeration, USP <62> specified organisms

ORGANISM	RESULT	LIMIT	STATUS
Total Aerobic Plate Count	< 10 CFU/mL	≤ 10 ² CFU/g or mL	Pass
Yeast and Mold	< 10 CFU/mL	≤ 10 ¹ CFU/g or mL	Pass
Staphylococcus aureus	Absent / 1 mL	Absent / 1 g or mL	Pass
Pseudomonas aeruginosa	Absent / 1 mL	Absent / 1 g or mL	Pass
Bile-tolerant Gram-negative bacteria	Absent / 1 mL	Absent / 1 g or mL	Pass

Microbial limits testing establishes that counts fall within the compendial criteria for this dosage form and that specified organisms are absent. It is not a test of sterility and does not support a sterility claim.

NOTES

Bottle received with tamper seal intact.

LOD = LIMIT OF DETECTION · LOQ = LIMIT OF QUANTITATION · CFU = COLONY-FORMING UNIT

Kasey Malganius

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Lab Director
2026-08-06

COA #: SBA-26-0075
Access Code: CEERCLUA
Analyst: K. Reyes
Verify: summitbioanalytics.com/verify
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