



Natural Aminos Lab

RESEARCH GRADE

CERTIFICATE OF ANALYSIS

Research Grade

QUALITY STATUS: PASS Purity: >99.8% Assay: 13.47 mg/vial

Item	Value
Formula	Semax
Strength	10 mg/vial
Batch Number	6255SX
Molecular Formula	C37H51N9O10S
Molecular Weight	813.93 g/mol
Date Tested	2026-07-01 12:33
Retest Date	N/A
Storage	Store refrigerated (2–8°C). Protect from light.

Test	Acceptance Criteria	Result
Appearance	White to off-white lyophilized powder	PASS
Solubility	Soluble in Water	PASS
Identification	RT and spectrum confirmed	PASS
Peptide Purity (HPLC)	>=99.0%	>99.8%
Assay	Reported value	13.47 mg/vial
Aerobic Microbial Count	NMT 1000 CFU/g	PASS
Yeast and Mold Count	NMT 100 CFU/g	PASS
Bacterial Endotoxins	NMT 0.5 EU/mg	<0.001 EU/mg
Heavy Metals Screen	<0.001 ppm	PASS
Overall Quality	Meets specification	PASS

Conclusion

This batch meets the analytical acceptance criteria established under the Natural Aminos Lab Research Grade quality system and has successfully passed all applicable quality control testing.

RESEARCHERS, LABORATORY USE ONLY
NOT FOR HUMAN OR VETERINARY USE

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