



CERTIFICATE OF ANALYSIS

REPORT NUMBER ONE-VIP5-2026

VERIFICATION CODE 5RH3ZJZH

Verify at UnitedLaboratories.Org

Client: One Aminos LLC

Client and sample information

PRODUCT	VIP	ACTIVE IDENTITY	Vasoactive Intestinal Peptide
LABORATORY SAMPLE ID	ONE-VIP5	REPORT NUMBER	ONE-VIP5-2026
LABELED CONTENT	5 mg	VIAL VOLUME	3 mL
SAMPLE MATRIX	Lyophilized	APPEARANCE	Good
BATCH / LOT	VIP5-091526	DATE RECEIVED	09/15/2026
DATE REPORTED	09/18/2026	OVERALL RESULT	PASS
VERIFICATION CODE	5RH3ZJZH	HEAD LAB DIRECTOR	Bhavrat Singh

Certificate summary

Test parameter	Method	Specification	Result	Status
Peptide purity	HPLC	>= 95.0%	99.600% mean	PASS
Net peptide content	Quantitative	Report only	5.10 mg mean	N/A
Identity	HPLC-RTM	VIP	Confirmed	PASS
Fentanyl screen	Immunoassay	50 ng/mL cutoff	Not Detected	PASS
Sterility	Rapid Sterility	No Growth	No Growth	PASS
Endotoxin	USP <85>	<= 0.5 EU/mL	< 0.08 EU/mL	PASS
Heavy metals	ICP-MS	Analyte limits	Below limits	PASS

OVERALL RESULT: PASS - REVIEWED AND APPROVED FOR ISSUE

AUTHORIZATION CONTROL

This certificate was prepared and reviewed by Bhavrat Singh, co-owner, analyst, and Head Lab Director. Batch VIP5-091526; verification code 5RH3ZJZH; authorised on 09/18/2026.



IDENTITY, PURITY AND CONTENT

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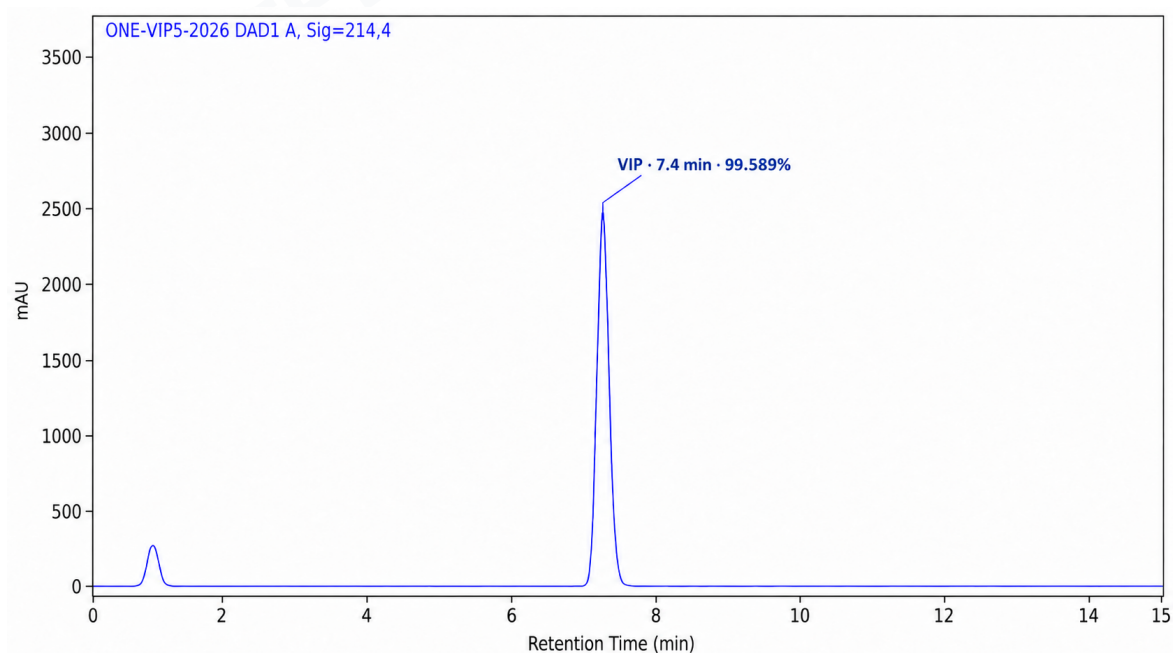
Peptide purity and identity

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	$\geq 95.0\%$	99.600 mean	%	PASS
Net Peptide Content	Report Only	5.10 mean	mg	N/A
Identity (HPLC-RTM)	Vasoactive Intestinal Peptide (VIP)	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC conformity testing

Sample	Purity	Net peptide content	Identity	Result
Vial 1	99.589%	5.11 mg	Confirmed	PASS
Vial 2	99.611%	5.09 mg	Confirmed	PASS
Batch Average	99.600%	5.10 mg	-	-
Std Dev	0.0110%	0.0100 mg	-	-

HPLC chromatogram





MICROBIOLOGY AND ENDOTOXIN

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Sterility screening

Test	Method	Specification	Result	Status
Bacteria (Aerobic/Anaerobic)	Rapid Sterility	No Growth	No Growth	PASS
Fungi / Yeast	Rapid Sterility	Not Detected	Not Detected	PASS

TEST METHOD	Rapid Sterility	INCUBATION PERIOD	2 days
TEMPERATURE	30-35 deg C	SAMPLE MATRIX	Lyophilized

STERILITY RESULT: NO GROWTH / NOT DETECTED - PASS

Bacterial endotoxin

TEST PERFORMED	Quantitative Bacterial Endotoxin Test	COMPENDIAL REFERENCE	USP <85>
ASSAY TYPE	Kinetic Turbidimetric	DETECTION WAVELENGTH	660 nm
DETECTION RANGE	0.01-1.0 EU/mL	ENDOTOXIN STANDARD	E. coli O111:B4
DILUTION VOLUME	2.0 mL	MATRIX	LAL Reagent Water

Quantitative results

Parameter	Result
Endotoxin level	< 0.08 EU/mL
Acceptance limit	<= 0.5 EU/mL
Sample CV (%)	3.2%
Spike CV (%)	3.4%
Spike recovery (%)	94%
Final determination	PASS

Controls

Control	Expected	Observed	Status
Positive Control	Detectable	As expected	PASS
Negative Control	No signal	As expected	PASS



HEAVY METALS AND AUTHORISATION

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Elemental impurities methodology

TEST PERFORMED	Elemental Impurities Analysis	INSTRUMENT	ICP-MS
SAMPLE PREPARATION	HNO3 / H2O2 matrix	CALIBRATION	Multi-element standard curve
INTERNAL STANDARD	Sc, Ge, In, Bi	MATERIAL TYPE	Raw Material (Research Use)

Elemental impurities results

Analyte	Method	Specification	Result	Status
Lead (Pb)	ICP-MS	<= 10 ppm	< 0.5 ppm	PASS
Arsenic (As)	ICP-MS	<= 1.5 ppm	< 0.15 ppm	PASS
Cadmium (Cd)	ICP-MS	<= 0.5 ppm	< 0.05 ppm	PASS
Mercury (Hg)	ICP-MS	<= 3 ppm	< 0.3 ppm	PASS

ALL FOUR REPORTED ELEMENTS ARE BELOW THEIR ACCEPTANCE LIMITS - PASS

Conclusion and authorisation

CONCLUSION / DISPOSITION

The reported dataset records an overall result of PASS. Peptide purity, identity, fentanyl screening, sterility, bacterial endotoxin, and the four reported elemental-impurity tests carry PASS status. Net peptide content is report-only.

Laboratory completion record

PREPARED BY / ANALYST	Bhavrat Singh	REVIEWED BY	Bhavrat Singh
DESIGNATION	Co-owner / Analyst	DESIGNATION	Head Lab Director
DATE RECEIVED	09/15/2026	DATE REPORTED	09/18/2026
VERIFICATION CODE	5RH3ZJZH	BATCH / LOT	VIP5-091526

DIRECTOR AUTHORISATION

Approved for issue on 09/18/2026
Bhavrat Singh - Head Lab Director

Bhavrat Singh

Authorised signature