

CERTIFICATE OF ANALYSIS

Client: Myotrope Peptides Inc. • Quality Control Department • Fort Lauderdale, FL, USA • qualitycontrol@myotrope.com

SAMPLE IDENTIFICATION

Sample Name	Batch Number	Date Published	Lab Ref
AOD-9604 5 mg	2026132	05/14/2026	QC-AOD9604-5mg-132

RESULTS — PEPTIDE IDENTITY, CONTENT & PURITY

Parameter	Result	Unit	Uncertainty	Method / Note
AOD-9604 Identification (MS)	Confirmed (0.98)	—	± 0.02	ESI-MS Spectrum
AOD-9604 Assay (Content)	4.79	mg	± 0.02	HPLC External Standard
AOD-9604 Identification (RT)	0.987	—	± 0.005	HPLC Retention Time
AOD-9604 Purity (HPLC)	> 99.8	%	—	Area Normalization @ 214 nm

ADDITIONAL TESTS

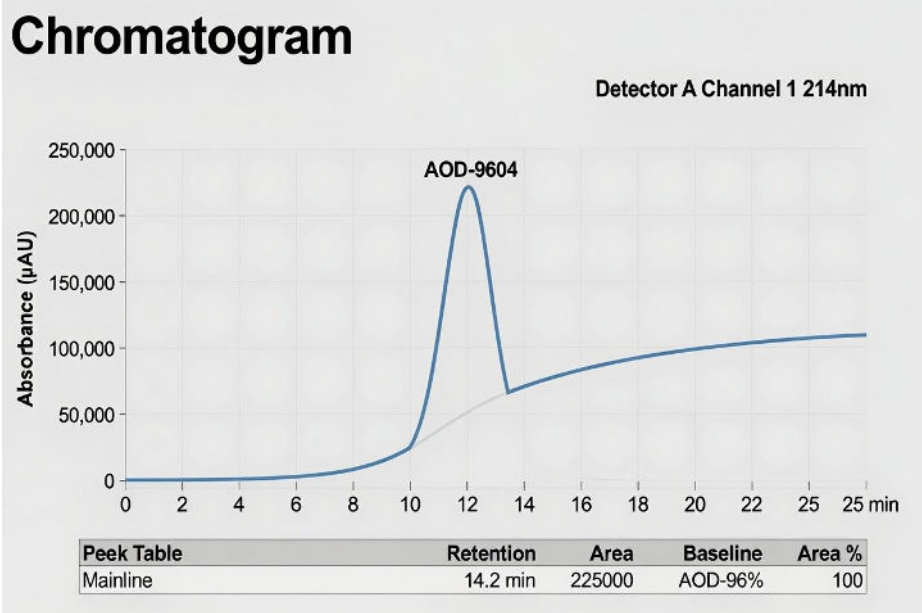
Test	Result	Unit	Limit	Method
Total Aerobic Microbial Count	Not detected	CFU/g	≥ 1000	USP <61>
Total Yeast and Mold Count	Not detected	CFU/g	≥ 100	USP <61>
Bacterial Endotoxin	< 0.001	EU/mg	> 0.5	USP <85> Chromogenic LAL
Heavy Metals (As, Cd, Pb, etc.)	Not detected	ppm	Various	Elemental Impurities Screening

CONCLUSION: All tested parameters meet the specifications. The batch is approved for research use only.

ANALYTICAL DATA — HPLC CHROMATOGRAM

The following analytical data confirm identity and high purity of the AOD-9604 batch.

HPLC Chromatogram (214 nm) — Purity >99.8%



METHOD SPECIFICATION — Content & Purity Assessment

Instrumentation

Module	Name	Serial Number
System Controller	SCL-10ADvp	SN-2026-0147
Degassing Unit	DGU-14A	SN-2026-0082
Pump	LC-10ADvp	SN-2026-0394
Autosampler	SIL-10ADvp	SN-2026-0514
Column Thermostat	CTO-10ACvp	SN-2026-0371
Detector	SPD-10ADvp	SN-2026-0338

Chromatographic Conditions

Parameter	Value
Eluent A	1% TFA in Water (HPLC, Gradient Grade)
Eluent B	1% TFA in Acetonitrile (HPLC, Gradient Grade)
Flow Rate	0.7 mL/min
Injection Volume	0.5 µL
Column Temperature	65°C
Column	Phenomenex Biozen Peptide Polar C18, 150×2.1 mm, 3 µm
Detection Wavelength	214 nm

Gradient Program

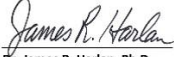
Time (min)	A [%]	B [%]
1	95	1
27	5	60
30	5	95
32	5	95
35	5	5
42	end	

Purity Assessment

Purity of compound assessed by area normalization method, comparing area of each peak to sum of area of all peaks detected at wavelength of 214 nm.

Sample Preparation: Whole amount of container was dissolved in 2 mL of water (HPLC, Gradient Grade). Aliquote part of 1 mL was dispensed into HPLC vial for analysis.

AUTHORIZATION & APPROVAL

Tested & Analyzed by:  QUALITY CONTROL	Approved by (QA):  Dr. James R. Harlan, Ph.D. Quality Assurance Director
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DISCLAIMER: This document is for research purposes only. Not for human or veterinary use. Results relate only to the sample tested. Store at -20°C in a dry, dark place.

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