pH SOLUTIONS

CERTIFICATE OF ANALYSIS

260818-899-NHS-1

Issued Oct 24, 2026

SAMPLE

N-Acetyl Semax Amidate 10 mg

Prepared for **Aion Plus** · Lot **AION-NSM-20260809-03**

PASS

ISO/IEC 17025:2017 ACCREDITED

A2LA R243 · PJLA Testing #84351 · Zero recalls since 2016

181 W Huntington Dr, Suite 181, Monrovia, CA 91016 · (818) 808-9757

BATCH / LOT	SAMPLE ID	MATRIX	PANELS RUN
AION-NSM-20260809-03	260818-899-NHS-1	Peptide	4

RECEIVED	REPORTED	CLIENT
Aug 18, 2026	Oct 24, 2026	Aion Plus

PEPTIDE PURITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
N-Acetyl Semax Amidate — purity	99	%	HPLC-UV @ 220 nm	PASS

WATER ACTIVITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Water activity	0.51	aw	< 0.65	PASS

MICROBIALS

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
E. Coli	Not Detected		Not detected in 1 g	—
Salmonella spp.	Not Detected		Not detected in 1 g	—
Aspergillus flavus	Not Detected		Not detected in 1 g	—
Aspergillus fumigatus	Not Detected		Not detected in 1 g	—
Aspergillus niger	Not Detected		Not detected in 1 g	—
Aspergillus terreus	Not Detected		Not detected in 1 g	—

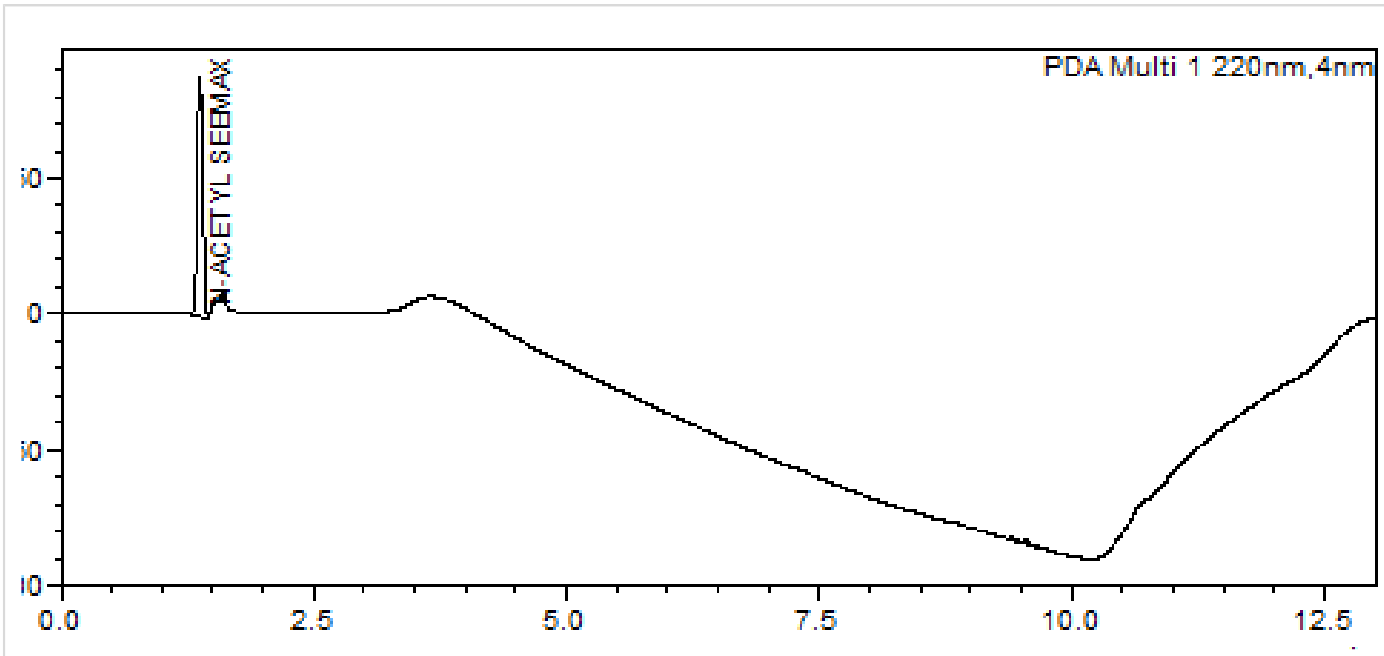
RESIDUAL SOLVENTS

Tested on the API lot

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS

Acetone	Not Detected	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Acetonitrile	4.54	ppm	≤ 410 · LOD 0.33 · LOQ 1	PASS
Benzene	Not Detected	ppm	≤ 2 · LOD 0.33 · LOQ 1	PASS
Butane	Not Detected	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Chloroform	Not Detected	ppm	≤ 60 · LOD 0.33 · LOQ 1	PASS
1,2-Dichloroethane	Not Detected	ppm	≤ 5 · LOD 0.33 · LOQ 1	PASS
Ethanol	4.09	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Ethyl Acetate	Not Detected	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Ethyl Ether	Not Detected	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Ethylene Oxide	Not Detected	ppm	≤ 1 · LOD 0.33 · LOQ 1	PASS
Heptane	Not Detected	ppm	≤ 290 · LOD 0.33 · LOQ 1	PASS
n-Hexane	Not Detected	ppm	≤ 290 · LOD 0.33 · LOQ 1	PASS
Isopropyl Alcohol	Not Detected	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Methanol	Not Detected	ppm	≤ 3000 · LOD 0.33 · LOQ 1	PASS
Methylene Chloride	Not Detected	ppm	≤ 600 · LOD 0.33 · LOQ 1	PASS
Pentane	Not Detected	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Propane	Not Detected	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Toluene	Not Detected	ppm	≤ 890 · LOD 0.33 · LOQ 1	PASS
Total Xylenes	Not Detected	ppm	≤ 2170 · LOD 0.33 · LOQ 1	PASS
Trichloroethylene	Not Detected	ppm	≤ 80 · LOD 0.33 · LOQ 1	PASS

CHROMATOGRAM



PH SOLUTIONS LAB INC.

Analysis performed in accordance with ISO/IEC 17025:2017. Results relate only to the sample as submitted. This certificate may not be reproduced except in full without the written approval of the laboratory. The online copy at the address beside is authoritative: if a printed COA disagrees with it, the online copy governs. Questions: info@phsolutionslab.com · (818) 808-9757.

SCAN TO VERIFY

www.phsolutionslab.com/c/eyJjIjoiMjYwODE4LTg5OS1OSFMtMSIsInAiOiJBaW9uIFBsdXMiLCJsIjoiQUlPTi1OU00tMjAyNjA4MDktMDMifQ.gl9tgF1QN4uxH5F92umPXc4TQRqmap3Y