



Client: Modern Aminos
 Accession #: 2607150945
 Search Code: Mode2607150945
 Received: 07/15/2026
 Reported: 07/16/2026
 Lot: BX-P-U3M0

Sample Summary

Product:	N-Acetyl Semax/Selank 20mg	Purity:	Vial 1: 99.57% Vial 2: 99.57% Vial 3: 99.56%
Identity:	Confirmed	Net Content:	Vial 1: N-Acetyl Selank Amidate - N-Acetyl Semax - 9.30 mg
Appearance:	White Lyophilized Powder		Vial 2: N-Acetyl Selank Amidate - N-Acetyl Semax - 9.08 mg
Endotoxin Threshold:	Pass		Vial 3: N-Acetyl Selank Amidate - N-Acetyl Semax - 9.19 mg
Microbial Analysis (PCR):	Pass		

Analytical Results

Test	Result
Identity (LC-MS)	N-Acetyl Selank Amidate/N-Acetyl Semax
Purity (HPLC-UV)	99.57%

Net Content Average
 N-Acetyl Selank Amidate - 11.42 mg
 N-Acetyl Semax - 9.19 mg

Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

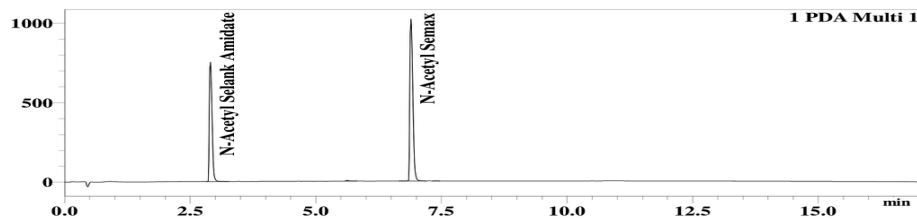
Endotoxin Replicate 1:	Pass	Assay Sensitivity: ≤0.05 EU/mL
Endotoxin Replicate 2:	Pass	Assay Sensitivity: ≤0.05 EU/mL

Method: Microbial detection performed using validated polymerase chain reaction (PCR)-based assay targeting common microbial contaminants.

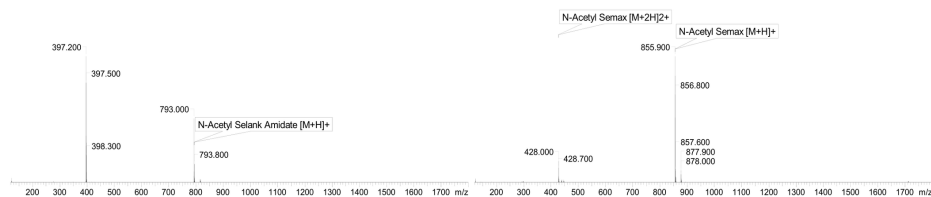
Microbial Analysis (PCR)	No Detectable Microbial DNA	Pass
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Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



Alex Johnson

Principal Chemist

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The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.



Client: Modern Aminos
 Accession #: 2608050831
 Search Code: Mode2608050831
 Received: 8/5/2026
 Reported: 8/9/2026
 Lot: BX-P-U3M0

Sample Summary

Product:	N-Acetyl Semax/N-Acetyl Selank Amide 10mg/10mg	Purity:	Vial 1: 99.66% Vial 2: 99.76%
Identity:	Confirmed	Net Content:	Vial 1: N-Acetyl Selank Amide – N-Acetyl Semax – 10.62 mg Vial 2: N-Acetyl Selank Amide – N-Acetyl Semax – 10.37 mg
Appearance:	White Lyophilized Powder		
Endotoxin Threshold:	Pass		
Microbial Analysis (PCR):	Pass		
Elemental Impurities (ICP-MS): As Cd Pb Hg	Pass		
Fentanyl	No Fentanyl Detected		

Analytical Results

Test	Result
Identity (LC-MS)	N-Acetyl Selank Amide/N-Acetyl Semax
Purity (HPLC-UV)	99.71%
Elemental Impurities (ICP-MS):	Pass — Arsenic, Cadmium, Lead, and Mercury below reporting/specification limits

Net Content	N-Acetyl Selank Amide - 10.25 mg N-Acetyl Semax - 10.49 mg
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Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

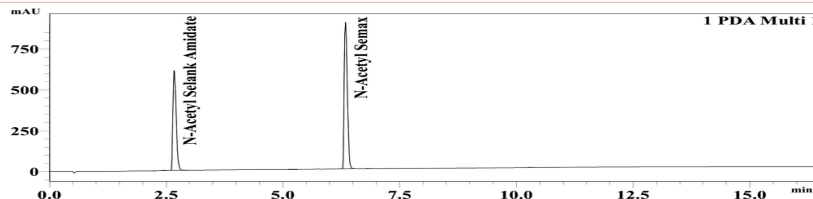
Endotoxin Replicate 1:	Pass	Assay Sensitivity: ≤0.05 EU/mL
Endotoxin Replicate 2:	Pass	Assay Sensitivity: ≤0.05 EU/mL

Method: Microbial detection performed using validated polymerase chain reaction (PCR)-based assay targeting common microbial contaminants.

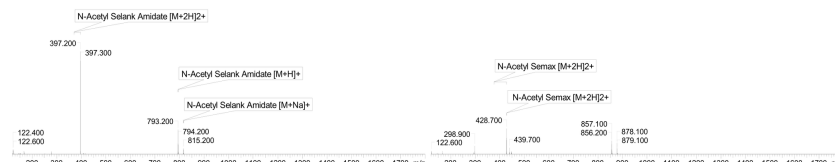
Microbial Analysis (PCR)	No Detectable Microbial DNA
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Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



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