



Client: Peptira LLC
Accession #: 2609170045
Search Code: Pept2609170045
Received: 9/17/2026
Reported: 9/19/2026
Lot: PINE3-001T

Sample Summary

Product:	Pinealon 3mg	
Identity:	Confirmed	Net Content: Sample 1: 2.96 mg Sample 2: 3.01 mg Sample 3: 2.96 mg
Appearance:	Tablet	
Endotoxin Threshold:	Pass	
Microbial Analysis (PCR):	Pass	
Elemental Impurities (ICP-MS):	Pass	
As Cd Pb Hg		
Fentanyl	No Fentanyl Detected	

Analytical Results

Test	Result
Identity (LC-MS)	Sample 1: Pinealon Sample 2: Pinealon Sample 3: Pinealon
Elemental Impurities (ICP-MS):	Pass — Arsenic, Cadmium, Lead, and Mercury below reporting/specification limits
Net Content	2.98 mg

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

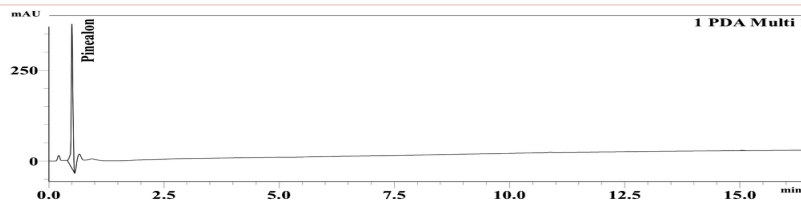
Endotoxin Replicate 1:	Pass	Assay Sensitivity: ≤0.05 EU/mL
Endotoxin Replicate 2:	Pass	Assay Sensitivity: ≤0.05 EU/mL

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

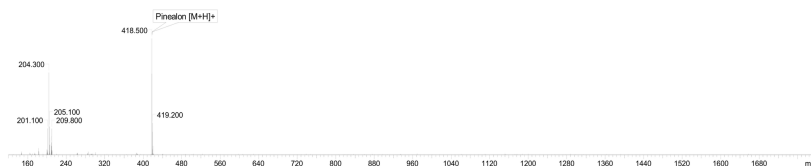
Microbial Analysis (PCR)	No Detectable Microbial DNA
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Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



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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.