FREEDOM DIAGNOSTICS

Certificate of Analysis

FreedomDiagnosticsTesting.com

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Client:	Advantage Research
Accession #:	2609030542
Search Code:	Adva2609030542
Received:	9/3/2026
Reported:	9/5/2026
Lot:	ARS2426

Sample Summary

Product:	Tesamorelin 10mg	**Purity:**	99.86%
Identity:	Confirmed	**Net Content:**	11.33 mg
Appearance:	White Lyophilized Powder		
Elemental Impurities (ICP-MS): As | Cd | Pb | Hg	**Pass**		

Analytical Results

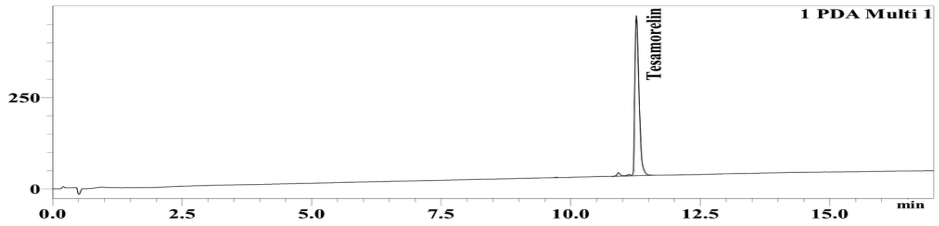
Test	Result
Identity (LC-MS)	Tesamorelin
Purity (HPLC-UV)	99.86%
Elemental Impurities (ICP-MS)	Pass — Arsenic, Cadmium, Lead, and Mercury below reporting/specification limits
Net Content	11.33 mg

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

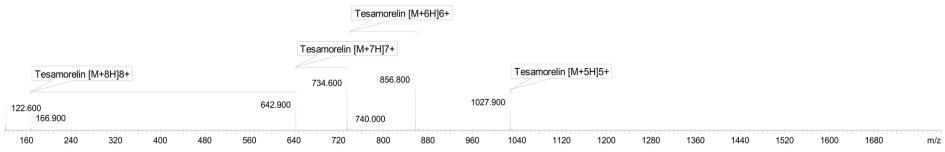
Endotoxin Replicate 1:	Pass	**Assay Sensitivity: ≤0.05 EU/mL**
Endotoxin Replicate 2:	Pass	**Assay Sensitivity: ≤0.05 EU/mL**

Method: 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.