

CERTIFICATE OF ANALYSIS (COA)

Sample received: 06 Oct 2025

COA Issued date: 11 Oct 2025

Web search code: **QC-2025250405**

Product Information

Product Name	PT-141
Lot No	P250437
Molecular weight	1,025.2 g/mol
Appearance	White lyophilized powder
Net Content	15 mg vial
Storage Condition	Stable for 24 months at -20°C. After reconstitution, store at 4°C for 4 weeks

Analytical Methods

Identity: Confirmed via electrospray LC-MS, detecting protonated molecular ion

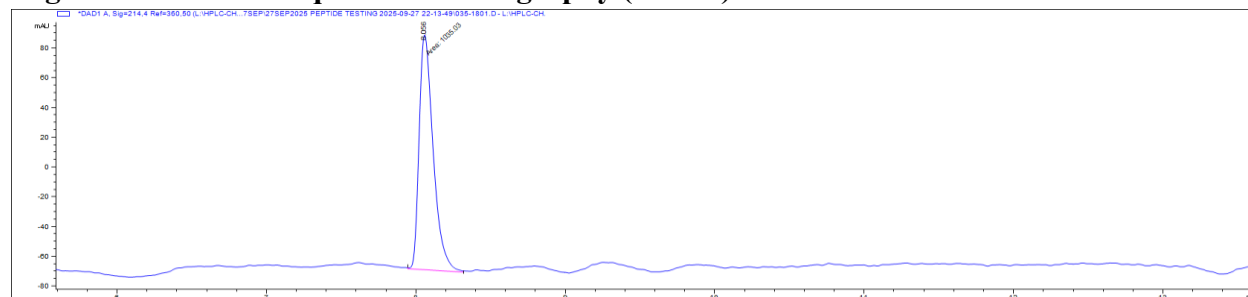
Purity: Assessed using RP-HPLC with UV detection (214 nm)

Content: Quantified using calibrated HPLC peak area against reference standard.

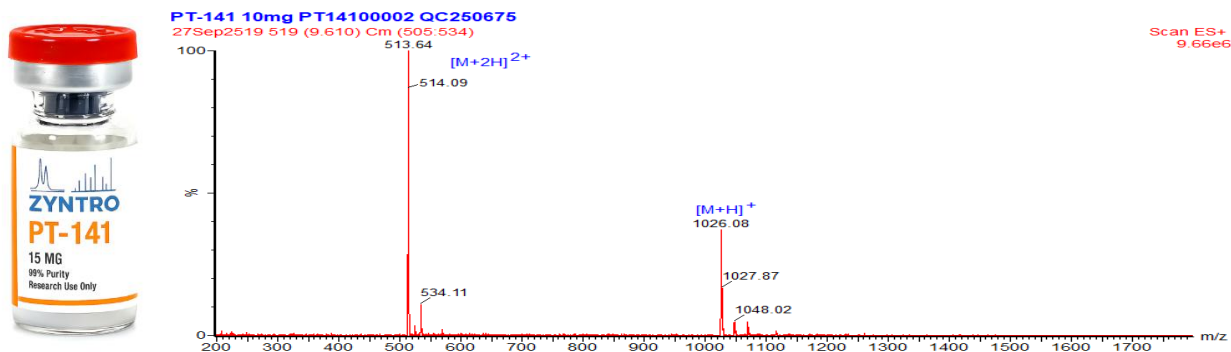
Test Results:

Specification	Result	Method	Status
Identity	(M+H) ⁺ 1026.06 m/z	LC-MS/MS	PT-141
Content	14.48 mg	HPLC quantitation	Conforms
Purity	99.8%	RP-HPLC (214 nm)	Conforms

High-Performance Liquid Chromatography (HPLC) at 214nm



Mass Identification



Certification: This COA confirms that the tested material meets or exceeds Zyntro's analytical quality specifications for peptide research use.

Shane Straight, M.S. (Principal Chemist, Zyntro LLC). Verification: visit: Zyntro.com/search