



Company Name Purpose Peptides LLC
 Task Number #74193

Name GLP-3-Reta
 Sample Purpose Retatrutide 60mg
 Batch RT60/2025-0801
 Order Date 7/29/2025
 Received 8/8/2025
 Conducted 8/11/2025
 CAS# 2381089-83-2
 Formula C225H348N48O68
 M.W. 4813.527 g/mol
 Test Type LC-MS, Mass Spec, HPLC
 Appearance Odorless, white powder



Purity & Impurity Profile			
Test	Specification	Result	
Total Purity (HPLC)	≥ 98.00%	98.70%	Pass
Single Impurity	≤ 1.00%	0.32%	Pass
Total Impurities	≤ 2.00%	1.03%	Pass
Water Content	≤ 6.00%	3.10%	Pass
TFA Content	≤ 0.50%	0.18%	Pass
Identity Testing			
Test	Specification	Result	
Peptide Sequence Confirmation (LCMS)	Pass / No Pass	C225H348N48O68	Pass
Purity Profile (HPLC)	≥ 98.00%	99.73%	Pass
Retention Time (HPLC)	Within Reference Range	Complies	Pass
Additional Testing			
Test	Specification	Result	
Mass Analysis	Within ±1.0 Da	Verified	Pass
Endotoxin	< 0.25 EU/mg	Complies	Pass
Bioburden	< 100 CFU/g	Not Detected	Pass
Heavy Metals	≤ 10 ppm	Complies	Pass
Comments			

Purpose Peptides LLC

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Date: 8/11/2025

Signature:

