BioRegen
Independent Testing, Trusted Results

Certificate of Analysis

Purity / Identity + Net Content

COA #14449

SAMPLE OVERVIEW

Tirzepatide

Stated sample amount: 500 mcg | Units received: 1
Resilient Research Peptides | resilientresearchpeptides@gmail.com

SAMPLE RECEIPT DATE	LABORATORY ACTIVITY DATE(S)	REPORT ISSUE DATE
10/30/26	**11/02/26**	**11/03/26**
BATCH / LOT	LAB SAMPLE ID	AS RECEIVED
N/A	**02118-1**	**White lyophilized powder**

CONDITION Packaging / seal condition: intact, as received

ANALYTICAL RESULTS

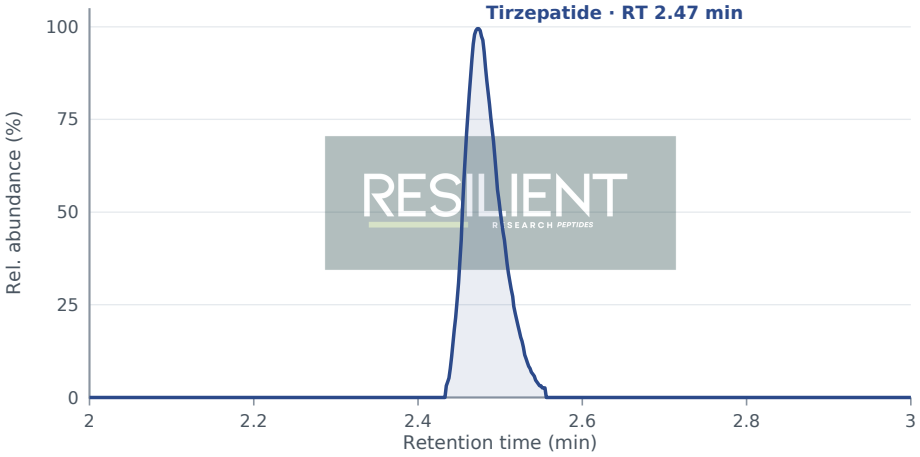
Compound	CAS number	Formula · Mol. weight	Identity result	Declared (mg)	Net content (mg)	Purity (%)
Tirzepatide	2023788-19-2	$C_{225}H_{348}N_{48}O_{68}$ · 4813 g/mol	Tirzepatide	500	**606.18**	**99.71**

PubChem CID: Tirzepatide 166567236 | Net-content reporting basis: Net content is reported per vial as received, against the declared label claim.

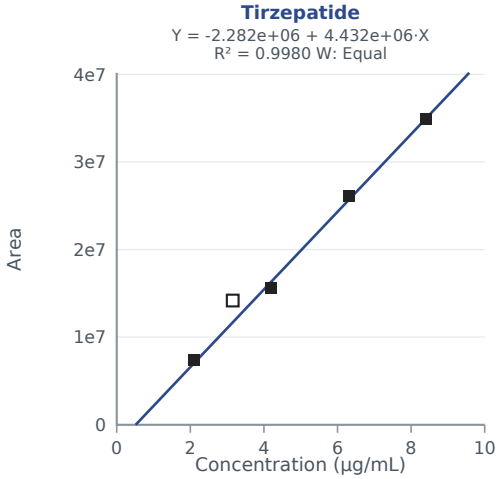
METHOD Qualitative and quantitative chemical analysis by UHPLC-MS.
Ultra High Performance Liquid Chromatography with Mass Spectrometry

LC-MS CHROMATOGRAM

— Tirzepatide: RT 2.47 min

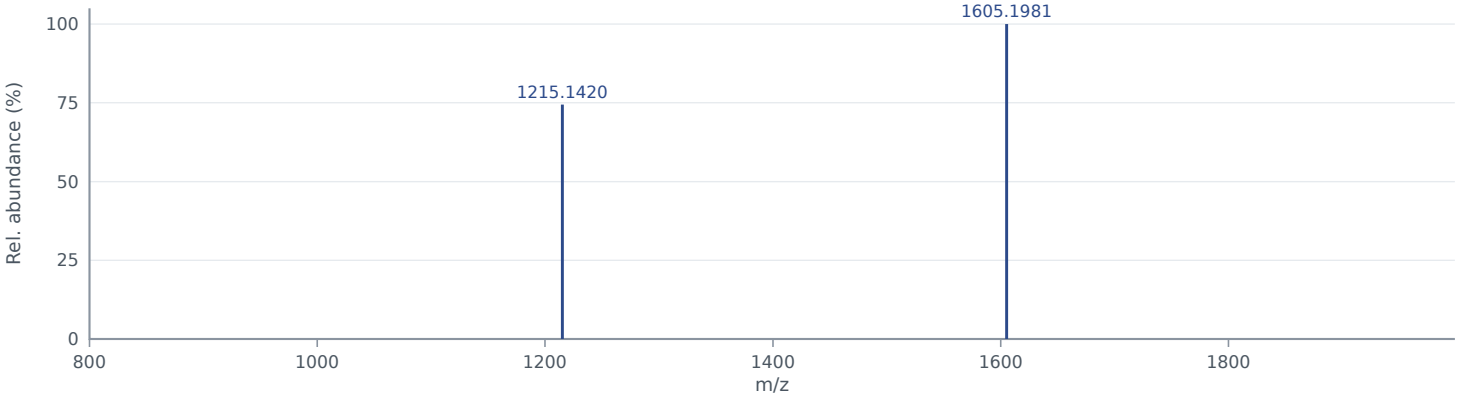


CALIBRATION CURVE



MASS SPECTRUM OVERLAY

— Tirzepatide



METHOD ADDITIONS / DEVIATIONS / EXCLUSIONS: None.
Customer-supplied information: customer / contact details, sample name or description, lot and declared content were supplied by the customer and were not verified by the laboratory except as reported.

ANALYSIS PERFORMED BY
Bellagio Lutjen, B.S.
Analytical Chemist | contact@bioregen.com

AUTHORIZED BY
Jake Torres
Lab Coordinator · Authorized
11/03/26

REPORT VERIFICATION
Key: RRP0128
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Test Report shall not be reproduced except in full without approval of the laboratory.