



ELLSWORTH LABS

Certificate of Analysis

PHOENIX, ARIZONA, UNITED STATES

REPORT **ELQH8-26-CH53XH** REVISION **1** ISSUED **2026-08-19**

Client and sample

CLIENT peptidomexico.com.mx		SAMPLE ID EL9NW6VW73Q2	DECLARED IDENTITY Tirzepatide
DECLARED LOT / BATCH PMXTZ100260811	DECLARED STRENGTH 100.0 mg per vial	DECLARED FORM Lyophilized powder	RECEIVED 2026-08-11
QUANTITY RECEIVED 3 vials	CONDITION ON RECEIPT Intact, sealed		

Analytical results

TEST	RESULT	SPECIFICATION	STATUS	METHOD
Appearance	White lyophilized cake, intact and free of visible foreign matter	Conforms to specification	PASS	EL-PH-804 rev 5 Appearance and visual description
Accurate-mass agreement — Tirzepatide	+0.4 ppm 4810.5268 Da observed · 4810.5249 Da theoretical	Within ± 5 ppm of theoretical	PASS	EL-ID-102 rev 3 Peptide accurate-mass characterization and agreement assessment
Chromatographic purity	99.69 % area	NLT 98.0 % area	PASS	EL-PU-201 rev 5 Chromatographic purity and related substances
Total related substances	0.31 % area	NMT 2.0 % area	PASS	EL-PU-201 rev 5 Chromatographic purity and related substances
Net peptide content	100.30 mg/vial	95 – 105 mg/vial	PASS	EL-CT-301 rev 2 Specific peptide assay against reference standard

TEST	RESULT	SPECIFICATION	STATUS	METHOD
Water content	2.8 % w/w	NMT 5.0 % w/w	PASS	EL-CO-404 rev 5 Water determination by coulometric titration
Counterion content	7.7 % w/w	NMT 20.0 % w/w	PASS	EL-CO-403 rev 3 Counterion determination
Residual solvents	161 ppm	NMT 5000 ppm	PASS	EL-GC-504 rev 2 Residual solvent determination by headspace GC-MS
Elemental impurities	2.6 µg/g	NMT 5.0 µg/g	PASS	EL-EI-603 rev 1 Elemental impurities by tandem mass spectrometry
Bacterial endotoxins	< 0.05 EU/mg	NMT 1.0 EU/mg	PASS	EL-MB-701 rev 3 Bacterial endotoxins: kinetic chromogenic assay
Sterility	No growth in either medium at 14 days	No growth in either medium at 14 days	PASS	EL-MB-708 rev 3 Sterility test by membrane filtration

Conclusion

PASS The submitted sample met the specifications tested.

Review, release and verification

ANALYST

D. Howard

QUALITY RELEASE

J. Brown



VERIFY AT
ellsworthlabs.com/v
VERIFICATION KEY
WMAY-HQ80-Z9QV

RECORD DIGEST · SHA-256

F937 71A6 D6C3 F9B7 868F 314B 201D 2C1A
5237 BD5B 259E 3F14 EE3F 8344 4137 0A7F

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Determinations were performed under Ellsworth Labs internal procedures following the United States Pharmacopeia chapters cited against each result, under cGMP-aligned documentation practice.