

CERTIFICATE OF ANALYSIS

Product Name	Tirzepatide / LY3298176
CAS No.	2023788-19-2
Sequence	Y-[Aib]-E-G-T-F-T-S-D-Y-S-I-[Aib]-L-D-K-I-A-Q-K*-A-F-V-Q-W-L-I-A-G-G-P-S-S-G-A-P-P-P-S-NH2
Length	39 amino acids
Modification	Aib at residues 2 & 13; Lys20 linked to C20 fatty diacid via linker
Molecular Formula	C225H348N48O68
Molecular Weight (MW)	4813.45 Da (average mass)
Pharmacologic Class	Dual GIP / GLP-1 receptor agonist
Lot No.	GTA34276-0823
Declared Vial Quantity	20 mg

TEST ITEMS	SPECIFICATIONS	RESULTS
MW by MS	4813.45 ± 1.0 Da	4813.44 Da
Purity by HPLC	≥98.0%	98.649%
Appearance	White to off-white lyophilized powder	Conforms
Declared vial quantity	20 mg	20 mg

ANALYTICAL SOURCE SUMMARY

Analytical Laboratory	NovoPro Bioscience Inc.
Source Document	NovoPro lot-specific CoA
Source Lot	GTA34276-0823
Analysis / Certification Date	Jul/15/2025
HPLC Result	98.649%
MS Result	4813.44 Da

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DIRECT PEPTIDES

ANALYTICAL SOURCE
NovoPro Bioscience Inc.

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Length	39 amino acids
Modification	Aib at residues 2 & 13; Lys20 linked to C20 fatty diacid via linker
Molecular Formula	C225H348N48O68
Molecular Weight (MW)	4813.45 Da (average mass)
Pharmacologic Class	Dual GIP / GLP-1 receptor agonist
Lot No.	GTA34265-0818
Declared Vial Quantity	40 mg

TEST ITEMS	SPECIFICATIONS	RESULTS
MW by MS	4813.45 ± 1.0 Da	4813.44 Da
Purity by HPLC	≥98.0%	98.649%
Appearance	White to off-white lyophilized powder	Conforms
Declared vial quantity	40 mg	40 mg

ANALYTICAL SOURCE SUMMARY

Analytical Laboratory	NovoPro Bioscience Inc.
Source Document	NovoPro lot-specific CoA
Source Lot	GTA34265-0818
Analysis / Certification Date	Mar/12/2026
HPLC Result	98.649%
MS Result	4813.44 Da

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ANALYTICAL SOURCE
NovoPro Bioscience Inc.