

PRODUCT

GLP-2 Tirz

GIP/GLP-1 dual agonist

CATALOG	VA-GLP2-5MG
CAS	2023788-19-2
FORMULA	C225H348N48O68
MOL. WEIGHT	4813.0 avg · 4810.52 monoisotopic
SEQUENCE	—
FORM	Lyophilized powder
FILL WEIGHT	5 mg
CONTAINER	3 mL vial

BATCH

BATCH IDENTIFIER

VA-2512-0836

MANUFACTURED	2026-05-03
FILLED	2026-05-12
ANALYSED	2026-05-17
RETEST BY	2028-05-03
STORAGE	Refrigerated, 2–8 °C, protected from light

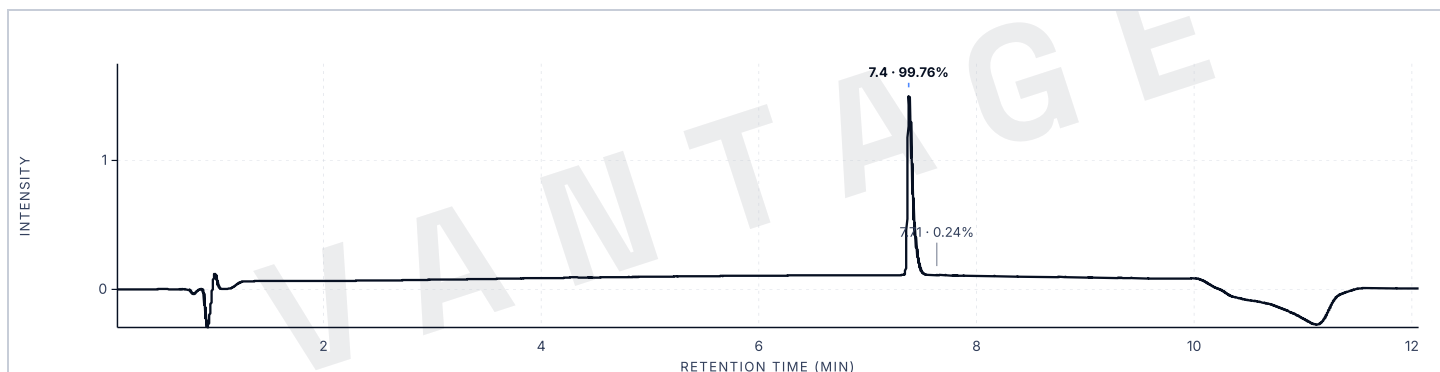
RESULTS

TEST / METHOD	SPECIFICATION	RESULT	STATUS
Appearance Visual inspection (Vantage Aminos)	White lyophilized powder	Conforms	PASS
Identity HPLC-UV-MS, positive polarity (+MS)	Theoretical mass ± 1.0 Da	4810.58 Da (theor. 4810.52)	PASS
Purity HPLC-UV, area % · DAD 209.9-290.1 nm	≥ 98.0 %	99.76 %	PASS
Quantity Quantitation as reported	90–110 % of label (5 mg)	4.91 mg (98.2 % of label)	PASS
Largest single impurity HPLC-UV, area %	Report	0.24 % at 7.71 min	REPORT
Water content Karl Fischer titration	≤ 8 % w/w	5.21 % w/w	PASS

HOW TO VERIFY THIS CERTIFICATE

- 1 All units are shipped from the most recent batch. Confirm the compound and fill weight shown above match the product you ordered.
- 2 This certificate is published on the product page at <https://vantageaminos.co/product/glp-2-tirz-5mg/>, alongside the certificate for every other batch of this product.
- 3 Any question about this analysis: contact support@vantageaminos.co quoting the batch identifier above.

HPLC CHROMATOGRAM



UV chromatogram, 209.9-290.1 nm

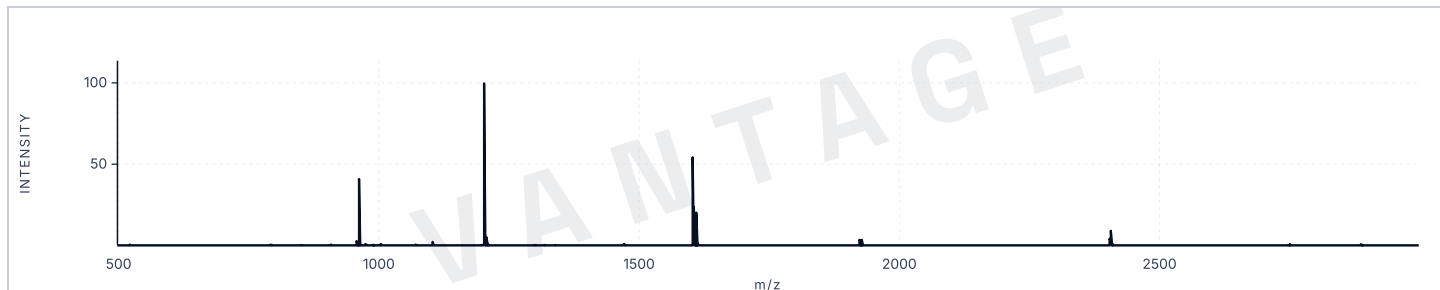
PEAK INTEGRATION

RT (MIN)	AREA	AREA %	ASSIGNMENT
7.4	4.70E+04	99.76	Tirzepatide
7.71	1.12E+02	0.24	unassigned

MASS SPECTROMETRY

Technique	HPLC-UV-MS (as printed on certificate)
Ionisation	Positive polarity (+MS)
Scan range	m/z 497.7 – 2997.6 (as plotted)
Theoretical mass	4810.52 Da
Observed mass	4810.58 Da
Deviation	+0.06 Da

MASS SPECTRUM



Full-scan mass spectrum. Base peak m/z 1204.15

HPLC METHOD

Technique	Reverse-phase HPLC with UV detection, MS confirmation
Detection	209.9-290.1 nm (DAD range, not a single wavelength)