

UHPLC CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

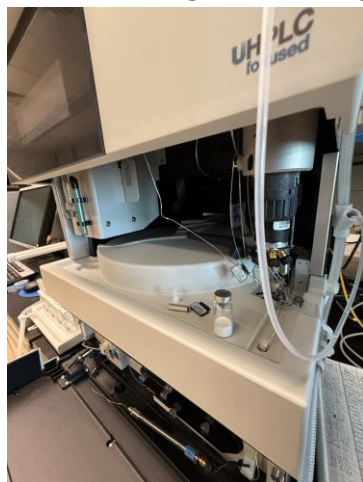
Sample received:

Product Name	Glow Blend Batch 70mg No. 17229
Client Name	The Peptide Chemist
Sequence	Glow Blend (BPC-157 / TB-500 / GHK-Cu): BPC-157 (H-Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val-OH, MW ≈1419.5 Da); TB-500 (Ac-LKKTETQ, MW ≈889.0 Da free base); GHK-Cu (H-Gly-His-Lys-OH · Cu ²⁺ , MW ≈403.9 Da).
Dissolution Condition	100% UHPLC water with 0.1% Trifluoroacetic Acid (TFA). Dissolved sample picture included here. 
Molecular Weight	~934 g/mol

STORAGE CONDITION: 0 °C

SAMPLE NOTES

One 3 ml clear glass vial with green cap and silver aluminum crimp. Lyophilized powder present.



PUMP SETTINGS

Pump A	100% H2O with .1% Trifluoroacetic Acid
Pump D	100% Acetonitrile.
Column Usage	Agilent Zorbax 300SB-C18, 2.1 x 100 mm, 1.7 µm, 300 Å
Gradient	- 5% D hold (0–0.5 min) - 5 → 30% D over 6.0 min (≈4.17% D/min) - 30 → 60 % D over 6.0 min (≈ 5.0 % D/min) - Hold 60% D (1 min) - Re-equilibrate to 5% D over 1.5 min - Total run time ≈ 15 min
Pump Settings	0.3 mL/min
Injection Volume:	10 µL
Temperature	35 °C

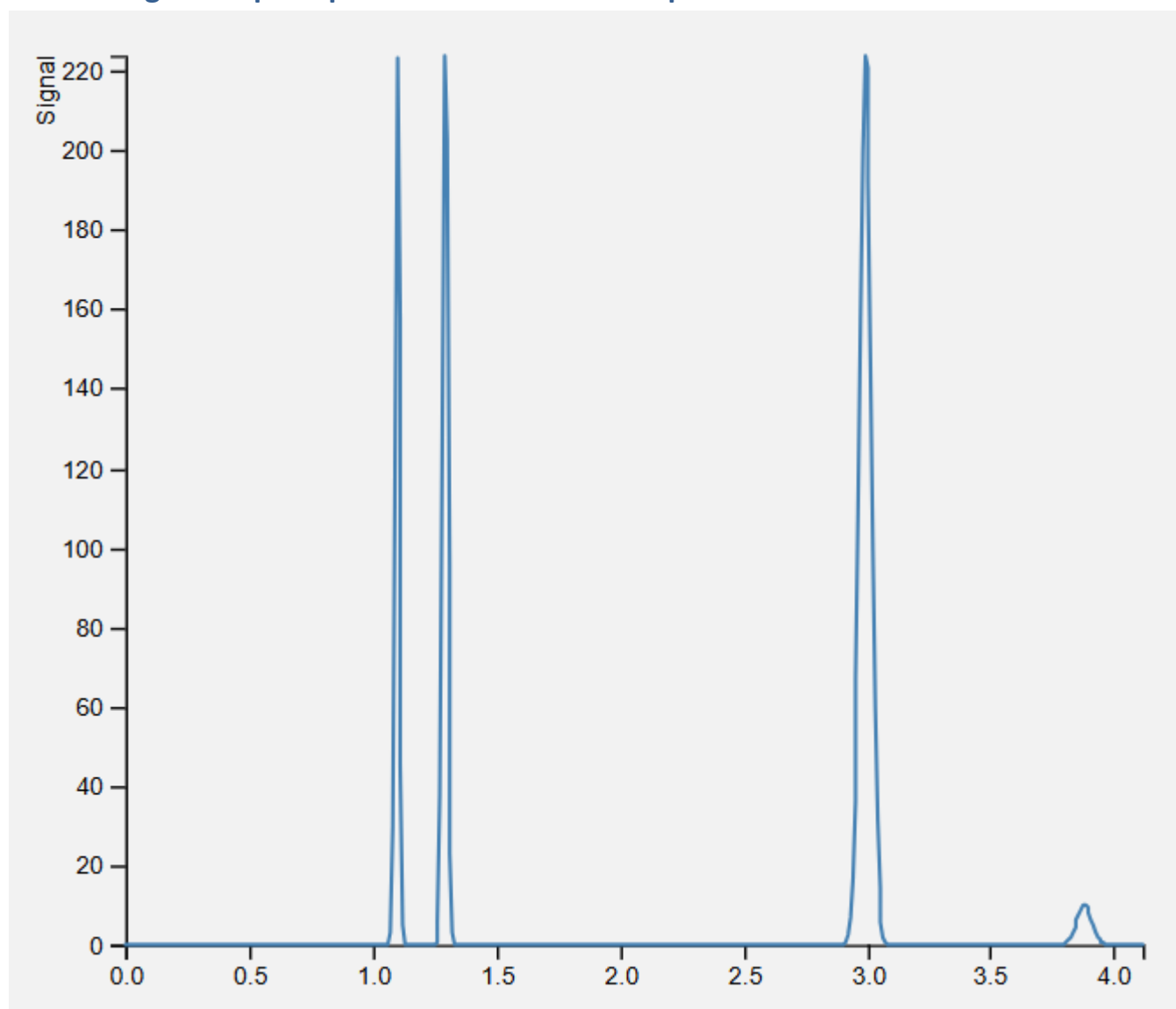
PURITY RESULT

Purity is **99.10%**

Total impurity 0.90% (trace inert solvents and minor unidentified peaks; no significant related substances or degradation products detected above 1%).

Please note that weight was not tested in this run.

Chromatogram Export: please note that x axis represents elution window.



CONCLUSION

This sample was analyzed on a Thermo Ultimate U3000 HPLC stack using reverse-phase high-performance liquid chromatography and determined to contain **99.56% Glow Blend**, with the remainder being impurities of minor significance.

CERTIFICATION

Certified by: Jonathan Barber

Title: Analytical Chemist

Date: 30 October 2025



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