Synaptica Analytics

Independent Laboratory Analysis Report

OFFICIAL ANALYTICAL DOCUMENT

REPORT ID
SYN-2026-005071

Analysis Report

Official laboratory analysis summary for the submitted sample and associated quality-control review.

SAMPLE	RECEIVED DATE	ANALYSIS DATE	REPORT GENERATED
GLOW	Sep 01, 2026	Sep 07, 2026	Sep 09, 2026

STRENGTH	70mg	MANUFACTURER	PepticoreAminos
BATCH NUMBER	PC-GLW70-0930U	LAB CODE	989-1
CLIENT	www.pepticoreaminos.net		

SAMPLE INFORMATION

GLOW

70MG

FORM	Blue lyophilized powder in a glass vial
SAMPLE SUBMISSION	Sample provided by customer
BATCH	PC-GLW70-0930U
CAP / CRIMP COLOR	Transparent Blue / Gold
RECEIVED DATE	Sep 01, 2026

SAMPLE IMAGE

ANALYTICAL SUMMARY

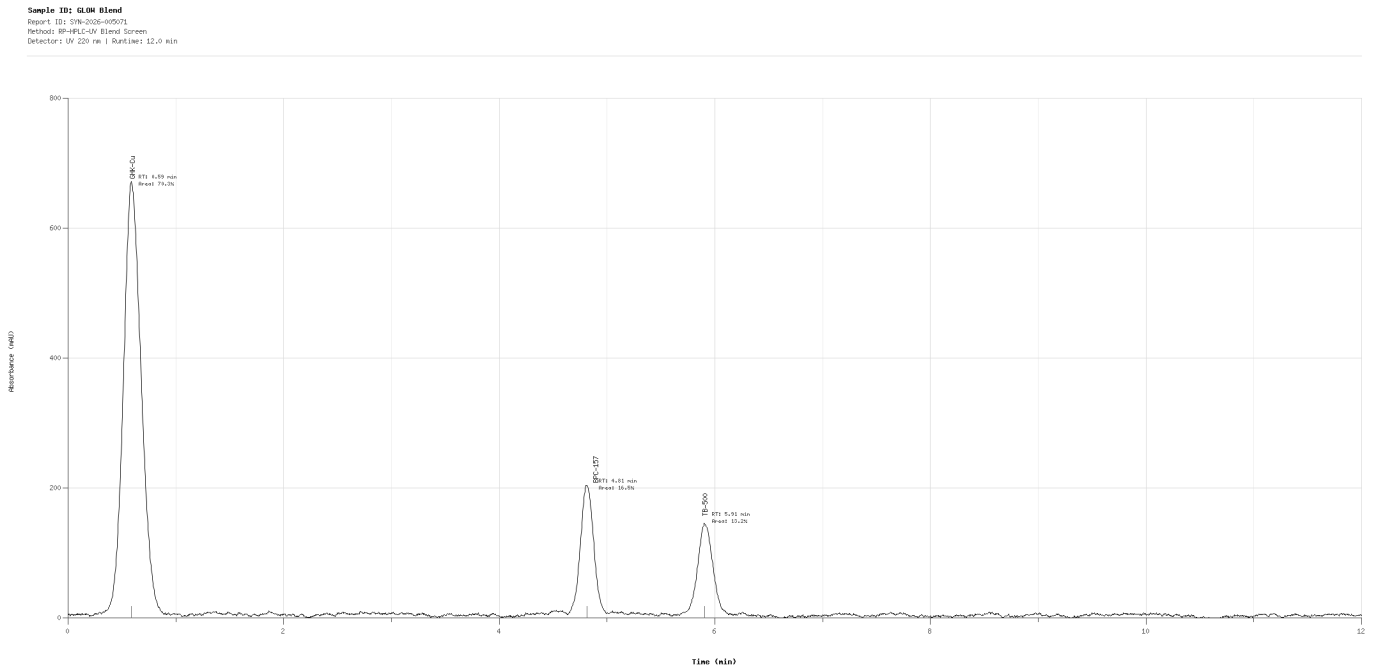
IDENTITY	GLOW
QUANTITY	87.56mg
BATCH	PC-GLW70-0930U
MANUFACTURER	PepticoreAminos

BLEND COMPOSITION

COMPONENT	MEASURED MASS
Ghk-Cu (GHK Content) [Copper Content]	63.03mg (55.43mg) [7.60mg]
BPC-157	12.21mg
TB-500 (TB4)	12.32mg

RP-HPLC-UV CHROMATOGRAM (220 NM)

Detection: UV 220 nm | Runtime: 12.0 min



METHOD

TIME	H2O + 0.1% TFA	ACN + 0.1% TFA
0min	95%	5%
2min	95%	5%
10min	12%	88%
12min	12%	88%

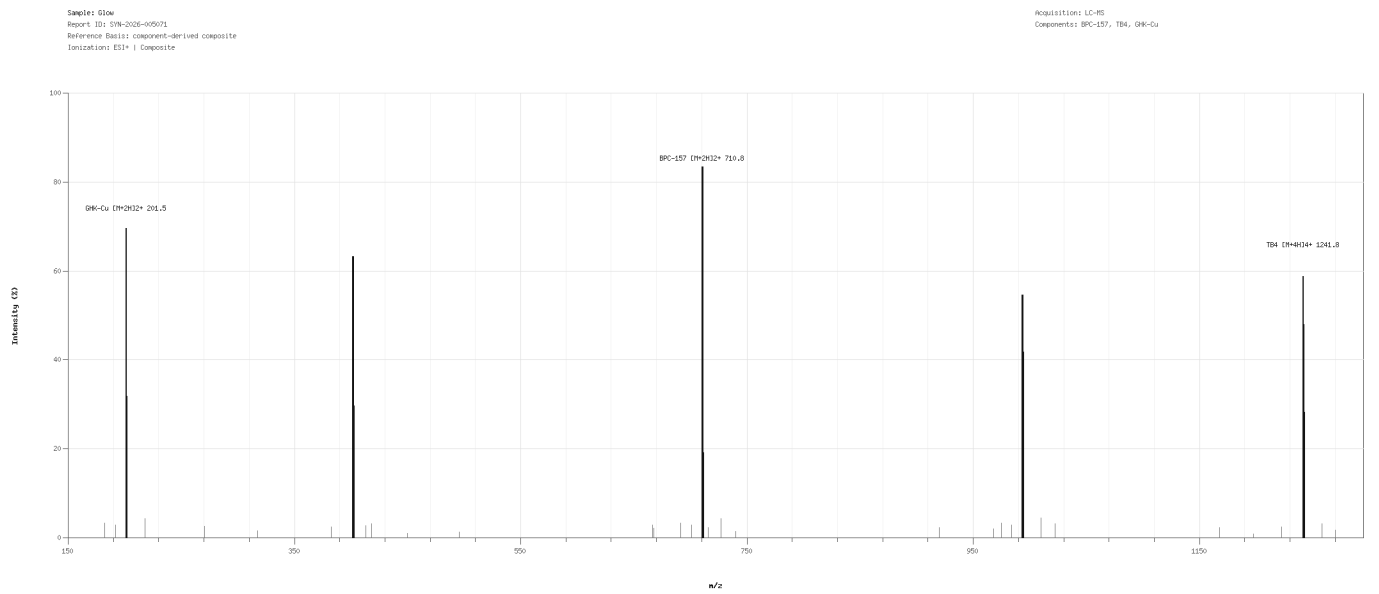
TECHNICAL NOTE

Analytical conclusions are limited to the tested blend and the conditions described in this report. Total runtime: 12.0 minutes.

COMMENTS

The applied RP-HPLC-UV method confirms that the sample meets the defined analytical specifications for identity, purity and impurity profile.

LC-MS MASS SPECTRUM



Charge-state distribution and clustered ion signals are consistent with the expected composite mass response of the sample.

ANALYSIS & METHODOLOGY

STANDARD PEPTIDE PURITY, MASS & ADDITIONAL TESTING

Composite sample screened using validated RP-HPLC-UV conditions for blended analytes. Distinct chromatographic regions were examined across the total profile.

BIOBURDEN

TEST	RESULT	UNIT	REPORTING LIMIT
Total Aerobic Microbial Count USP <61>/Eur. Ph. 2.6.12. Plate Count Method	**Not detected**	**CFU/g**	**>= 1000**
Total Yeast and Mold Count USP <61>/Eur. Ph. 2.6.12. Plate Count Method	**Not detected**	**CFU/g**	**>= 100**

ENDOTOXIN ANALYSIS

TEST	RESULT	UNIT	REPORTING LIMIT
Bacterial Endotoxin USP<85>/ Eur. Ph. 2.6.14. Bacterial Endotoxin Chromogenic Test	**< 0.002**	**EU/mg**	**NMT 0.5**

HEAVY METALS

TEST	RESULT	UNIT	REPORTING LIMIT
Arsenic Elemental Impurities Screening	**Not detected**	**ppm**	**>= 1.5**
Cadmium Elemental Impurities Screening	**Not detected**	**ppm**	**>= 0.5**
Cobalt Elemental Impurities Screening	**Not detected**	**ppm**	**>= 25**
Lead Elemental Impurities Screening	**Not detected**	**ppm**	**>= 1.5**

TEST	RESULT	UNIT	REPORTING LIMIT
Nickel Elemental Impurities Screening	**Not detected**	**ppm**	**>= 25**
Quicksilver Elemental Impurities Screening	**Not detected**	**ppm**	**>= 1.5**
Vanadium Elemental Impurities Screening	**Not detected**	**ppm**	**>= 25**

TECHNICAL APPENDIX

This appendix documents the analytical methodology, instrumentation and acceptance criteria applied for the evaluation of the sample.

BLEND COMPONENT REFERENCE

COMPONENT	PUBCHEM CID	CAS	MOLECULAR FORMULA	MOLECULAR WEIGHT
BPC-157	9941957	137525-51-0	C62H98N16O22	1419.5 g/mol
TB-500 (TB4)	45382195	77591-33-4	C212H350N56O78S	4963.0 g/mol
GHK-CU	139035031	49557-75-7	C14H21CuN6O4-	400.9 g/mol

METHOD SPECIFICATION

PARAMETER	MULTI-COMPONENT PEPTIDE BLEND RP-HPLC-UV METHOD
ANALYTICAL MODE	Multi-component RP-HPLC-UV peptide blend screen
COLUMN	C18 peptide column, multi-component gradient configuration
MOBILE PHASE A	Water + 0.1% TFA
MOBILE PHASE B	Acetonitrile + 0.1% TFA
FLOW RATE	0.8 mL/min
DETECTION	UV 220 nm
INJECTION VOLUME	10 uL
RUNTIME	12.0 min
SAMPLE DILUENT	Aqueous organic diluent compatible with peptide blends
SAMPLE PREPARATION	Diluted, mixed and clarified before component review

INSTRUMENT PLATFORM

PARAMETER	HIGH-RESOLUTION UPLC/HPLC-UV PLATFORM
SYSTEM TYPE	High-resolution LC platform
DETECTOR	UV/VIS detector
ACQUISITION	Chromatographic acquisition and integration software
REVIEW MODE	Retention-time, UV response and mass-spectrum review
WORKFLOW NOTE	Used for long peptide and multi-component profile review

PARAMETER	HIGH-RESOLUTION UPLC/HPLC-UV PLATFORM
MS DETECTOR	Mass spectrometer, ESI+ acquisition
MS ACQUISITION	LC-MS spectral acquisition and processing

ANALYTICAL CRITERIA

PARAMETER	ACCEPTANCE FRAMEWORK	BASIS
IDENTITY	Retention-time and profile agreement with reference expectations	Chromatographic identity review
PURITY	NLT 98.0% unless a stricter report-specific specification is declared	Integrated RP-HPLC-UV purity profile
QUANTITY	Measured content reviewed against the declared sample strength	Report-level analytical summary
BIOBURDEN	Not detected or within stated reporting limits	Microbial screening table
ENDOTOXIN	Below stated reporting limit / internal screening threshold	Endotoxin analysis table
HEAVY METALS	Below individual reporting limits where screened	Elemental impurities screening table

This appendix documents the analytical methodology, instrumentation and acceptance criteria applied for the evaluation of the sample.

VERIFICATION

Verify this report through the official Synaptica Analytics verification page using the details below.
Verification URL synaptica-labs.com/verify-report
Report ID SYN-2026-005071
Verification Key VK-K2CZ-LCZ3

SCAN TO VERIFY

DIGITAL SIGNATURE

DIGITALLY SIGNED BY:
Martin Saar
Date: 2026.09.09
11:59:47 +02'00'
Director