Synaptica Analytics

Independent Laboratory Analysis Report

OFFICIAL ANALYTICAL DOCUMENT

REPORT ID
SYN-2026-004993

Analysis Report

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

SAMPLE	RECEIVED DATE	ANALYSIS DATE	REPORT GENERATED
BPC-157 / TB-500	Jun 12, 2026	Jun 16, 2026	Jun 18, 2026

STRENGTH	10mg	MANUFACTURER	PepticoreAminos
BATCH NUMBER	PC-WO10-0626A	LAB CODE	892-1
CLIENT	www.pepticoreaminos.net		

SAMPLE INFORMATION

BPC-157 / TB-500

10MG

FORM	White lyophilized powder in a glass vial
SAMPLE SUBMISSION	Sample provided by customer
BATCH	PC-WO10-0626A
CAP / CRIMP COLOR	Trasparent/Copper
RECEIVED DATE	Jun 12, 2026

SAMPLE IMAGE

ANALYTICAL SUMMARY

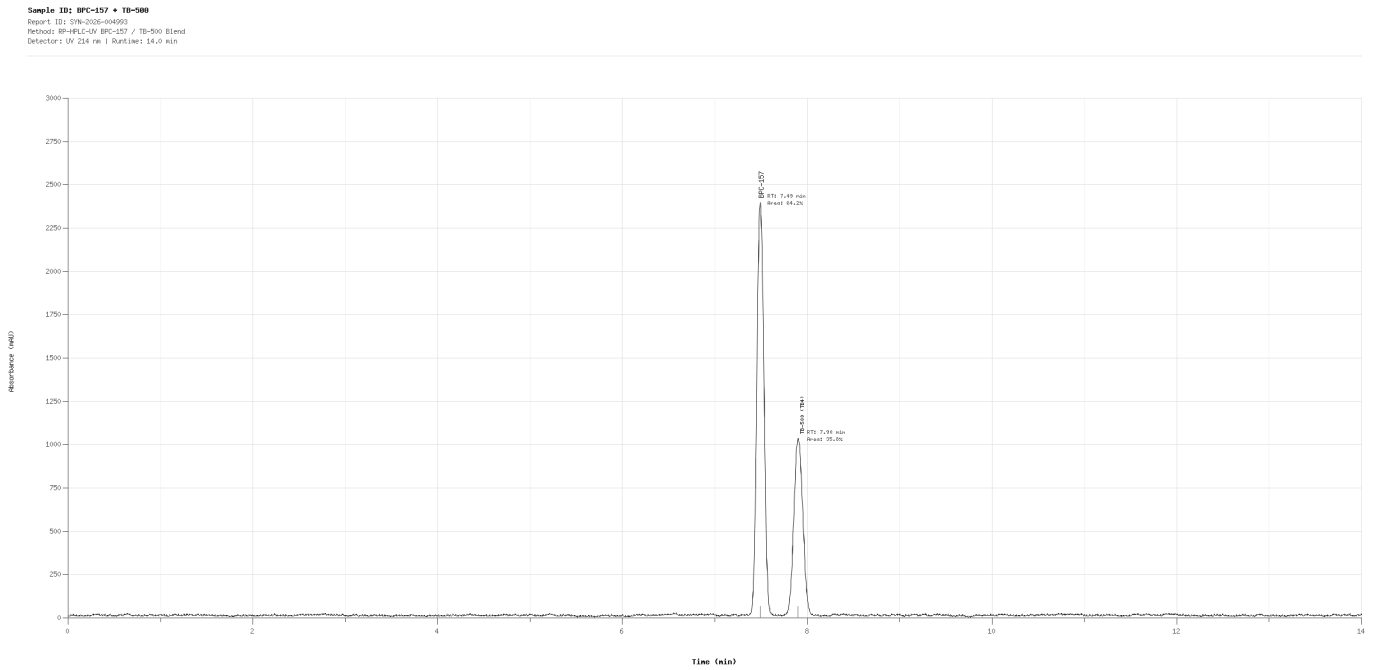
IDENTITY	tb-500+bpc-157 blend
PURITY	99.690%
QUANTITY	10.50mg
BATCH	PC-WO10-0626A
MANUFACTURER	PepticoreAminos

BLEND COMPOSITION

COMPONENT	MEASURED MASS
TB-500 (TB4)	5.36mg
BPC-157	5.14mg

RP-HPLC-UV CHROMATOGRAM (214 NM)

Detection: UV 214 nm | Runtime: 14.0 min



METHOD

TIME	H2O + 0.1% TFA	ACN + 0.1% TFA
0min	95%	5%
2min	95%	5%
10min	5%	95%
12min	5%	95%
14min	5%	95%

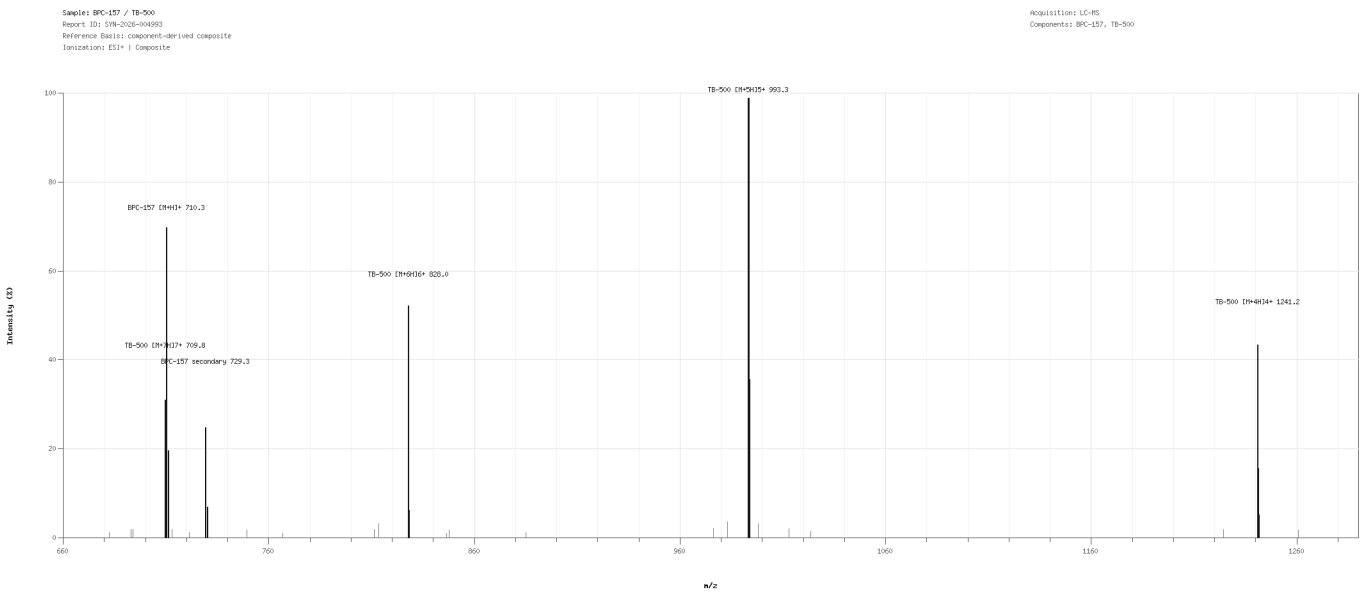
TECHNICAL NOTE

Analysis performed by RP-HPLC-UV at 214 nm using a gradient elution program. Total runtime: 14.0 minutes.

COMMENTS

The chromatographic assessment supports compliance of the sample with the defined analytical specifications for identity, purity and impurity profile.

LC-MS MASS SPECTRUM



The recorded mass spectrum shows distinct signals compatible with a blended analyte profile.

ANALYSIS & METHODOLOGY

STANDARD PEPTIDE PURITY, MASS & ADDITIONAL TESTING

Blend formulation analyzed by reverse-phase HPLC with UV detection under conditions suitable for multi-component separation. Component peak distribution and overall profile were assessed.

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	**< 0.001**	**EU/mg**	**> 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.

METHOD SPECIFICATION

PARAMETER	MULTI-COMPONENT PEPTIDE BLEND RP-HPLC-UV METHOD
ANALYTICAL MODE	Multi-component RP-HPLC-UV peptide blend screen
COLUMN	Phenomenex Biozen Peptide Polar C18, 150 x 2.1 mm, 2 um equivalent
MOBILE PHASE A	Water + 0.1% TFA
MOBILE PHASE B	Acetonitrile + 0.1% TFA
FLOW RATE	0.4 mL/min
DETECTION	UV 214 nm
INJECTION VOLUME	5 uL
RUNTIME	14.0 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	Gradient profile review with peak integration
WORKFLOW NOTE	Used for long peptide and multi-component profile review

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

PARAMETER	ACCEPTANCE FRAMEWORK	BASIS
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-2026-004993
Verification Key VK-U9MX-YFFA

SCAN TO VERIFY

DIGITAL SIGNATURE

DIGITALLY SIGNED BY:
Martin Saar
Date: 2026.06.18
15:30:50 +02'00'
Director