PRIME PEPTIDES UK

# Certificate of Analysis



## BPC-157 + TB-500

10 mg + 10 mg · Lyophilised powder

**BATCH BB-20-04**

| PURITY · HPLC | IDENTITY · LC-MS | BATCH STATUS |
|---|---|---|
| **≥ 99.0 %** | **Confirmed** | **Released** |
| Threshold ≥ 98.0 % | All components | Meets specification |

### PRODUCT IDENTIFICATION

| | | | |
|---|---|---|---|
| Product name | BPC-157 + TB-500 | Strength | 10 mg + 10 mg per vial |
| Chemical name | BPC-157 + TB-500 research blend | Physical form | Lyophilised powder |
| Container | 3 mL glass vial, flip-off seal | Manufactured | Oct 2026 |
| Retest / expiry | Oct 2028 | Total content | 10 mg + 10 mg per vial |
| Composition | BPC-157 10 mg + TB-500 10 mg | | |

| COMPONENT | AMOUNT | CAS NUMBER | MOLECULAR FORMULA | MOLECULAR WEIGHT |
|---|---|---|---|---|
| **BPC-157** | 10 mg | 137525-51-0 | $C_{62}H_{98}N_{16}O_{22}$ | 1419.5 g/mol |
| **TB-500** | 10 mg | 77591-33-4 | $C_{212}H_{350}N_{56}O_{78}S$ | 4963.4 g/mol |

### ANALYTICAL RESULTS

| TEST | METHOD | SPECIFICATION | RESULT | STATUS |
|---|---|---|---|---|
| **Appearance** | Visual | White / off-white lyophilised powder | **White powder** | ✔ Pass |
| **Identity** | LC-MS (ESI) | Each component mass consistent with target | **Conforms** | ✔ Pass |
| **Purity** | RP-HPLC, 220 nm | ≥ 98.0 % | **≥ 99.0 %** | ✔ Pass |
| **Net content** | Gravimetric | 10 mg + 10 mg per vial, ± 5 % | **Conforms** | ✔ Pass |
| **Counter-ion** | TFA residual | ≤ 1.0 % | **Conforms** | ✔ Pass |

### STORAGE & HANDLING

**Lyophilised powder**
Store refrigerated at 2–8 °C. For long-term storage keep at −20 °C.

**Light & moisture**
Protect from light. Keep the vial sealed until reconstitution.

**Reconstituted solution**
Store at 2–8 °C and avoid repeated freeze–thaw cycles.

**Conclusion.** The product has been tested and complies with the specifications stated above.

**For research use only.** This product is supplied strictly for in-vitro laboratory research. Not for human or veterinary use, not a drug, food, cosmetic or medical device. Keep out of reach of children.

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