

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

|                                                                                                                                              |                                          |                                           |                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------|---------------------------------|
| CLIENT<br>Certipeptide.com                                                                                                                   | CLIENT EMAIL<br>support@certipeptide.com | CLIENT CONTACT<br>Whatsapp:+852 4765 1436 | PRODUCT / SAMPLE<br>TB-500 BT10 |
| SAMPLE TYPE<br>Lyophilized peptide powder                                                                                                    | BATCH NUMBER<br>MLCPL8Q6IDC3             | ANALYSIS DATE<br>2026-08-21               | ISSUE DATE<br>2026-08-21        |
| SAMPLE DESCRIPTION<br>White, loose powder; chemical for R&D use; 10 mg per bottle; date of manufacture: 2026-08-04; retest date: 2028-08-04. |                                          |                                           |                                 |

ANALYTES / COMPONENTS

| ANALYTE              | CAS | MOLECULAR FORMU-<br>LA | THEORETICAL MW | LABEL CLAIM | MODIFICA-<br>TION |
|----------------------|-----|------------------------|----------------|-------------|-------------------|
| TB-500 BT10          | -   | C38H68N10O14           | 889.0          | 10mg        | Acetate           |
| SEQUENCE: Ac-LKKTETQ |     |                        |                |             |                   |

TEST RESULTS

| ANALYTE     | TEST                 | METHOD         | SPECIFICATION                      | RESULT             | DECISION |
|-------------|----------------------|----------------|------------------------------------|--------------------|----------|
| TB-500 BT10 | Appearance           | Visual         | White or almost white loose powder | White loose powder | Pass     |
| TB-500 BT10 | Mass spectrum        | MS             | 889 +/- 1.0 Da                     | 888.7 Da           | Pass     |
| TB-500 BT10 | Purity               | HPLC           | NLT 98.0 %                         | 99.2 %             | Pass     |
| TB-500 BT10 | Peptide content      | HPLC           | NLT 90.0 %                         | 90.6 %             | Pass     |
| TB-500 BT10 | Actual fill          | Gravimetric    | 10 mg                              | 10.86 mg           | Pass     |
| TB-500 BT10 | Water content        | Karl Fischer   | NMT 8.0 %                          | 3.3 %              | Pass     |
| TB-500 BT10 | Bacterial endotoxins | LAL (gel-clot) | NMT 10 EU/mg                       | <3 EU/mg           | Pass     |

OVERALL CONCLUSION  
Pass

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