

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>Semax + Selank Blend XS20 |
| SAMPLE TYPE<br>Lyophilized peptide powder                                                                                                    | BATCH NUMBER<br>UIK280FG1SKG             | ANALYSIS DATE<br>2026-08-02               | ISSUE DATE<br>2026-08-02                      |
| SAMPLE DESCRIPTION<br>White, loose powder; chemical for R&D use; 20 mg per bottle; date of manufacture: 2026-07-19; retest date: 2028-07-19. |                                          |                                           |                                               |

ANALYTES / COMPONENTS

| ANALYTE                   | CAS         | MOLECULAR FORMULA | THEORETICAL MW | LABEL CLAIM | MODIFICATION     |
|---------------------------|-------------|-------------------|----------------|-------------|------------------|
| Semax + Selank Blend XS20 | -           | -                 | -              | 20mg        | Physical mixture |
| Semax XS20                | 80714-61-0  | C37H51N9O10S      | 813.9          | 10mg        | Acetate          |
| SEQUENCE: MEHFPGP         |             |                   |                |             |                  |
| Selank XS20               | 129954-34-3 | C33H57N11O9       | 751.9          | 10mg        | Acetate          |
| SEQUENCE: TKPRPGP         |             |                   |                |             |                  |

TEST RESULTS

| ANALYTE                   | TEST                  | METHOD         | SPECIFICATION                      | RESULT             | DECISION |
|---------------------------|-----------------------|----------------|------------------------------------|--------------------|----------|
| Semax + Selank Blend XS20 | Appearance            | Visual         | White or almost white loose powder | White loose powder | Pass     |
| Semax + Selank Blend XS20 | Mass spectrum         | MS             | Corresponds to theoretical mass    | Conforms           | Pass     |
| Semax + Selank Blend XS20 | Purity                | HPLC           | NLT 98.0 %                         | 99.5 %             | Pass     |
| Semax + Selank Blend XS20 | Total peptide content | HPLC           | NLT 90.0 %                         | 92.9 %             | Pass     |
| Semax + Selank Blend XS20 | Actual fill           | Gravimetric    | 20 mg                              | 23.29 mg           | Pass     |
| Semax + Selank Blend XS20 | Water content         | Karl Fischer   | NMT 8.0 %                          | 5.1 %              | Pass     |
| Semax + Selank Blend XS20 | Bacterial endotoxins  | LAL (gel-clot) | NMT 10 EU/mg                       | <3 EU/mg           | Pass     |

OVERALL CONCLUSION

Pass

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