

# Certificate Of Analysis

TS017-260801 PD-FD-007

|                     |                                                                  |                    |                                      |
|---------------------|------------------------------------------------------------------|--------------------|--------------------------------------|
| Peptide Name        | Semax                                                            |                    |                                      |
| Molecular Formula   | C <sub>37</sub> H <sub>51</sub> N <sub>9</sub> O <sub>10</sub> S | Manufacturing      | 2026/08/29                           |
| Molecular Weight    | 813.92                                                           | Report Date        | 2026/08/29                           |
| CAS No.             | 80714-61-0                                                       | Re-test Date       | 2028/08/28                           |
| Appearance          | white powder                                                     | Packing size       | 1Kg/bag                              |
| Renference Standard | Renference Ch.p                                                  | Storage conditions | Cool dry place( away from the light) |
| Sequence            | H-Met-Glu-His-Phe-Pro-Gly-Pro-OH                                 |                    |                                      |

| Tests                        | Specifications | Results  |
|------------------------------|----------------|----------|
| Appearance                   | White powder   | Conforms |
| MS (ESI)                     | Conforms       | Conforms |
| Purity(HPLC)                 | ≥99.0%         | 99.63%   |
| Acetate Content(HPLC)        | ≤8.0%          | 2.2%     |
| Water Content (Karl Fischer) | ≤8.0%          | 5.7%     |
| Peptide Content (N%)         | ≥80.0%         | 91.8%    |
| Mass Balance                 | 95.0~105.0%    | Conforms |

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Limit To Research And Submission Use  
Not For Direct Human Application

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