

Certificate Of Analysis

NO:024-S83-TSX

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|---------------------------|--|---------------------------|--------------------------------------|
| Peptide Name | Semax | | |
| Molecular Formula | C ₃₇ H ₅₁ N ₉ O ₁₀ S | Manufacturing | 2025/02/12 |
| Molecular Weight | 813.92 | Report Date | 2025/02/14 |
| CAS No. | 80714-61-0 | Re-test Date | 2027/02/14 |
| Appearance | white powder | Packing size | 1Kg/bag |
| Reference Standard | Enterprise Standard | Storage conditions | Cool dry place(away from the light) |
| Sequence | Met-Glu-His-Phe-Pro-Gly-Pro | | |

| Tests | Specifications | Results |
|-------------------------------------|----------------|----------|
| Appearance | White powder | Conforms |
| MS (ESI) | Conforms | Conforms |
| Purity(HPLC) | ≥98.0% | 99.03% |
| Acetate Content(HPLC) | <12.0% | 9.33% |
| Water Content (Karl Fischer) | ≤10.0% | 1.09% |
| Peptide Content (N%) | ≥80.0% | 88.61% |
| Mass Balance | 95.0~105.0% | Conforms |

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use