

# Certificate Of Analysis

NO:024-D82-TSX

|                     |                                     |                    |                                      |
|---------------------|-------------------------------------|--------------------|--------------------------------------|
| Peptide Name        | DSIP                                |                    |                                      |
| Molecular Formula   | $C_{35}H_{48}N_{10}O_{15}$          | Manufacturing      | 2025/03/07                           |
| Molecular Weight    | 848.9                               | Report Date        | 2025/03/09                           |
| CAS No.             | 62568-57-4                          | Re-test Date       | 2027/03/09                           |
| Appearance          | white powder                        | Packing size       | 1Kg/bag                              |
| Renference Standard | Renference Ch.p                     | Storage conditions | Cool dry place( away from the light) |
| Sequence            | Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu |                    |                                      |

| Tests                        | Specifications | Results  |
|------------------------------|----------------|----------|
| Appearance                   | White powder   | Conforms |
| MS (ESI)                     | Conforms       | Conforms |
| Purity(HPLC)                 | $\geq 98.0\%$  | 99.01%   |
| Acetate Content(HPLC)        | $< 12.0\%$     | 9.37%    |
| Water Content (Karl Fischer) | $\leq 10.0\%$  | 5.54%    |
| Peptide Content (N%)         | $\geq 80.0\%$  | 83.1%    |
| 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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