## **Certificate of Analysis**

## Neuropeptide S(Mouse)

Cat. No.: HY-P1437
CAS No.: 412938-74-0
Batch No.: 232199

Chemical Name: L-Glutamine, L-seryl-L-phenylalanyl-L-arginyl-L-asparaginylglycyl-L-valylglycyl-L-serylglycyl-L-a

lanyl-L-lysyl-L-lysyl-L-threonyl-L-seryl-L-phenylalanyl-L-arginyl-L-arginyl-L-alanyl-L-lysyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{93}H_{156}N_{34}O_{27}$ 

Molecular Weight: 2182.45

**Storage:** Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 years

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 99.12%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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