## **Certificate of Analysis**

## Thymopentin (acetate)

Cat. No.: HY-N7122A

CAS No.: 89318-88-7

Batch No.: 245988

**Chemical Name:** L-Tyrosine, L-arginyl-L-lysyl-L-α-aspartyl-L-valyl-, monoacetate (salt) (9CI)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{32}H_{53}N_9O_{11}$ Molecular Weight: 739.82

**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:** 

$$\begin{array}{c|c} & O & HO & O & NH \\ & & & & & & NH \\ & & & & & & NH_2 \\ \end{array}$$

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 99.98%

**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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