## **Certificate of Analysis**

## **ACTH (4-11)**

Cat. No.: HY-P1503
CAS No.: 67224-41-3
Batch No.: 276880

Chemical Name: L-Lysine, L-methionyl-L-α-glutamyl-L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_state} \mbox{Molecular Formula:} \qquad \qquad \mbox{$C_{50}$H$}_{71}\mbox{$N_{15}$}\mbox{$O_{11}$S}$ 

Molecular Weight: 1090.26

Storage: Sealed storage, away from moisture and light, under nitrogen

Powder -80°C 2 years -20°C 1 years

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

nitrogen)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 98.48%

**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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