## **Certificate of Analysis**

## Pep-1 (uncapped)

Cat. No.: HY-P1848 CAS No.: 395069-86-0 Batch No.: 242154

**Chemical Name:**  $L-Valine, L-lysyl-L-\alpha-glutamyl-L-threonyl-L-tryptophyl-L-tryptophyl-L-\alpha-glutamyl-L-threonyl-L-tryptophyl-L-$ 

 $yptophyl-L-tryptophyl-L-threonyl-L-\alpha-glutamyl-L-tryptophyl-L-seryl-L-glutaminyl-L-prolyl-L-lys$ 

yl-L-lysyl-L-arginyl-L-lysyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{136}H_{195}N_{35}O_{33}$ 

2848.22 **Molecular Weight:** 

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:** 

KETWWETWWTEWSQPKKKRKV

## ANALYTICAL DATA

White to off-white (Solid) Appearance: LCMS: Consistent with structure

Purity (LCMS): 99.96%

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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