## **Certificate of Analysis**

## **AUNP-12**

Cat. No.: HY-P1812

CAS No .: 1353563-85-5

Batch No.: 311829

**Chemical Name:**  $L-\alpha$ -Glutamine, N2,N6-bis(L-seryl-L-asparaginyl-L-threonyl-L-seryl-L- $\alpha$ -glutamyl-L-seryl-L-pheny

yl-L-lysyl-L-alanyl-L-glutaminyl-L-isoleucyl-L-lysyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{142}H_{226}N_{40}O_{48}$ 

3261.55 **Molecular Weight:** 

Storage: Sealed storage, away from moisture

> Powder -80°C 2 years

-20°C 1 year

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

**Chemical Structure:** 

SNTSESF-ŅH

SNTSESFKFRVTQLAPKAQIKE-NH2

## ANALYTICAL DATA

White to off-white (Solid) Appearance:

MS: Consistent with structure

Purity (HPLC): 99.31%

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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