## **Certificate of Analysis**

## TDSRCVIGLYHPPLQVY (TFA)

Cat. No.: HY-P3460A Batch No.: 240237

**Chemical Name:**  $L-Tyrosine, L-threonyl-L-\alpha-aspartyl-L-seryl-L-arginyl-L-cysteinyl-L-valyl-L-isoleucylglycyl-L-leucylglycyl-L-leucylglycyl-L-seryl-L-arginyl-L-valyl-L-isoleucylglycyl-L-leucylglycyl-L-leucylglycyl-L-leucylglycyl-L-seryl-L-arginyl-L-valyl-L-isoleucylglycyl-L-leucylglycyl-L-leucylglycyl-L-leucylglycyl-L-seryl-L-arginyl-L-valyl-L-isoleucylglycyl-L-leucylglycyl-L-leucylglycyl-L-seryl-L-arginyl-L-valyl-L-isoleucylglycyl-L-leucylglycyl-L-leucylglycyl-L-leucylglycyl-L-seryl-L-arginyl-L-valyl-L-isoleucylglycyl-L-leucylglycyl-L-seryl-L-arginyl-L-valyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-valyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-seryl-L-arginyl-L-isoleucylglycyl-L-isoleucylg$ 

l-L-tyrosyl-L-histidyl-L-prolyl-L-prolyl-L-leucyl-L-glutaminyl-L-valyl- (TFA)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{91}\mathsf{H}_{138}\mathsf{F}_{3}\mathsf{N}_{23}\mathsf{O}_{27}\mathsf{S}$ 

**Molecular Weight:** 2075.27

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:** 

TDSRCVIGLYHPPLQVY (TFA salt)

## ANALYTICAL DATA

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

Purity (LCMS): 99.35%

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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