

## **Certificate of Analysis**

## Secretin (28-54), human (TFA)

**Cat. No.:** HY-P1465A **Batch No.:** 327494

Chemical Name: Secretin (swine), 15-L-glutamic acid-16-glycine- (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{130}H_{220}N_{44}O_{40}.xC_2HF_3O_2$ 

Molecular Weight: 3039.46 (free base)

Storage: Sealed storage, away from moisture and light

Powder  $-80^{\circ}$ C 2 years  $-20^{\circ}$ C 1 year

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

**Chemical Structure:** 

HSDGTFTSELSRLREGARLQRLLQGLV-NH2 (TFA salt)

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 98.62%

**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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