## **Certificate of Analysis**

## [Leu3]-Oxytocin

 Cat. No.:
 HY-P3221

 CAS No.:
 4294-11-5

 Batch No.:
 359894

Chemical Name: Oxytocin, 3-L-leucine-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{43}H_{66}N_{12}O_{12}S_2$ 

Molecular Weight: 1007.19

Storage: Sealed storage, away from moisture and light

Powder -80°C 2 years

-20°C 1 year

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 98.27%

**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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