Certificate of Analysis

[Asp5]-Oxytocin (acetate)

Cat. No.: HY-P3217A **Batch No.:** 255214

Chemical Name: Oxytocin, 5-L-aspartic acid- (acetate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{45}H_{69}N_{11}O_{15}S_2$

Molecular Weight: 1068.22

Storage: Sealed storage, away from moisture and light, under nitrogen

Powder -80°C 2 years -20°C 1 years

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

nitrogen)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 99.13%

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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