Certificate of Analysis

Adrenocorticotropic Hormone (ACTH) (1-10), human

Cat. No.: HY-P1518 CAS No.: 2791-05-1 Batch No.: 111549

Chemical Name: Glycine, L-seryl-L-tyrosyl-L-seryl-L-methionyl-L-α-glutamyl-L-histidyl-L-phenylalanyl-L-arginyl-L

-tryptophyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{59}H_{78}N_{16}O_{16}S$

Molecular Weight: 1299.41

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

> -80°C Powder 2 years -20°C 1 year

* 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)

Purity (HPLC): 98.26%

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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