**Proteins** 

# **Certificate of Analysis**

## **ACTH (11-24)**

Cat. No.: HY-P1558 CAS No.: 4237-93-8 Batch No.: 286002

**Chemical Name:** α11-24-Corticotropin

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{77}H_{134}N_{24}O_{16}$ Molecular Weight: 1652.04

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

> 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, under

nitrogen)

**Chemical Structure:** 

### **KPVGKKRRPVKVYP**

#### **ANALYTICAL DATA**

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

Purity (HPLC): 99.65%

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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