

## Certificate of Analysis

### Semax 10MG (ACTH 4-7 Pro8-Gly9-Pro10)

**Product Name:** Semax 10MG  
**Cat. No:** HL-SEM-X-10  
**CAS No:** 80714-61-0  
**PubChem CID:** 6918287  
**Batch No:** J100248  
**Content:** 10mg

#### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>37</sub>H<sub>51</sub>N<sub>9</sub>O<sub>10</sub>S  
**Molecular Weight:** 813.92 g/mol  
**Storage:** Powder: -20°C 3 years ; 4°C 2 years ; 15°C 3 month  
In solvent: -80°C 6 months ; -2°C 1 month ; 10°C 1 week  
**Chemical Structure:** [See product datasheet for full structural diagram]

#### ANALYTICAL DATA

Test Items	Specifications	Results
Appearance:	White lyophilized solid powder	Conforms
Purity (HPLC):	>98.0%	98.9%
TFA Content:	<0.50%	Conforms

Conclusion: The product has been tested and complies with the given specifications.

**NOT FOR HUMAN CONSUMPTION / RESEARCH ONLY**

Caution: Product has not been fully validated for medical applications.