

# Certificate of Analysis

## Semax

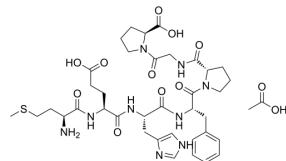
Cat. No.:	HY-P1146A
CAS No.:	2828433-33-4
Batch No.:	309417
Chemical Name:	L-Proline, L-methionyl-L- $\alpha$ -glutamyl-L-histidyl-L-phenylalanyl-L-prolylglycyl-, acetate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>39</sub> H <sub>55</sub> N <sub>9</sub> O <sub>12</sub> S		
Molecular Weight:	873.97		
Storage:	Sealed storage, away from moisture and light		
	Powder	-80°C	2 years
		-20°C	1 year

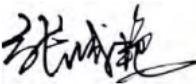
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	99.39%
Conclusion:	The product has been tested and complies with the given specifications.

Certified by:   
Quality Assurance Department

