

# Certificate of Analysis

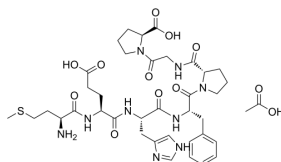
## Semax

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:  $C_{39}H_{55}N_9O_{12}S$   
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)

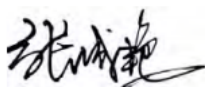
### Chemical Structure:



### 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

JUN/10/2020

