

Client: Justin Tanger (NHNootropics)

Report No.: TR 054-088D Date: Sept. 19, 2025

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Client: Justin Tanger (NHNootropics)

**Sample Name:** SEMAX

Lot#: SC15

**Report Date:** 9/19/2025

**Test:** Identity

Receipt Date: 9/17/2025 Analysis Date: 9/18/2025

Matrix: Powder

Number of samples: 1

# Certificate of Analysis

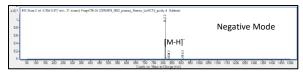
### **Test Screen**

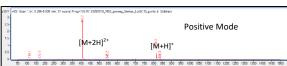
## **Identity: SEMAX**

 $(Other names: Q4415058, L-Methionyl-L-alpha-glutamylhistidyl-L-phenylalanyl-L-prolylglycyl-L-proline, (2S)-1-[2-([(2S)-2-([(2S)-2-([(2S)-2-([(2S)-2-amino-4-methylsulfanylbutanoyl]amino)-5-hydroxy-5-oxopentanoyl]amino)-3-(1H-imidazol-5-yl)propanoyl]amino)-3-phenylpropanoyl]pyrrolidine-2-carboxylic acid, N-{[1-(N-{2-[(2-{[2-Amino-1-hydroxy-4-(methylsulfanyl)butylidene]amino}-4-carboxy-1-hydroxybutylidene)amino]-1-hydroxy-3-(1H-imidazol-5-yl)propylidene}phenylalanyl)pyrrolidin-2-yl](hydroxy)methylidene}glycylproline)$ 

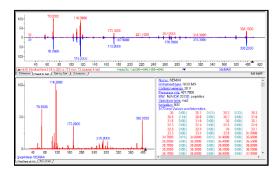
#### Data

## Mass Spectrum





#### MSMS ID



Reviewed and Approved By:

Herman Lelie

Herman Lelie Ph.D Director of R&D

Expected Mass: 813.3 (g/mol)

Observed Mass: 813.3 (g/mol)

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