

Client: Justin Tanger (NHNootropics)
Sample Name: N-acetyl Semax
Lot#: NX1
Report Date: 8/12/2024
Test: Identity

Receipt Date: 8/5/2024
Analysis Date: 8/12/2024

Matrix: Powder
Number of samples: 1

Certificate of Analysis

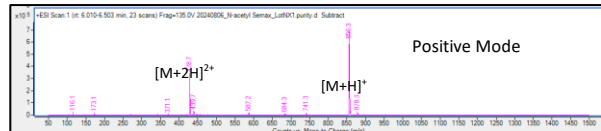
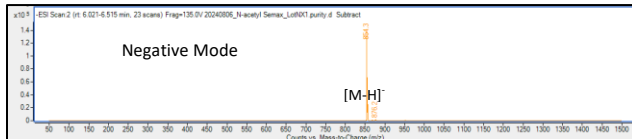
Test Screen

Identity: N-Acetyl SEMAX

(Other names: N-Acetyl-L-Methionyl-L-alpha-glutamylhistidyl-L-phenylalanyl-L-prolylglycyl-L-proline, Acetyl-(2S)-1-[2-([(2S)-1-[(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-carbonyl]amino)acetyl]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-ylmethylidene}glycylproline)

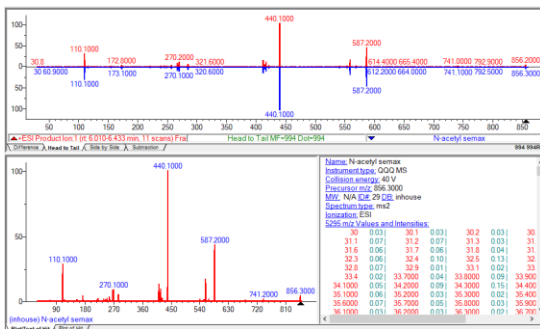
Data

Mass Spectrum



***unmodified SEMAX not detected in mass spectrum across chromatogram*

MSMS ID



Reviewed and Approved By:

Herman Lelie

Expected Mass: 855.3

Observed Mass: 855.3

Herman Lelie Ph.D Director of R&D