

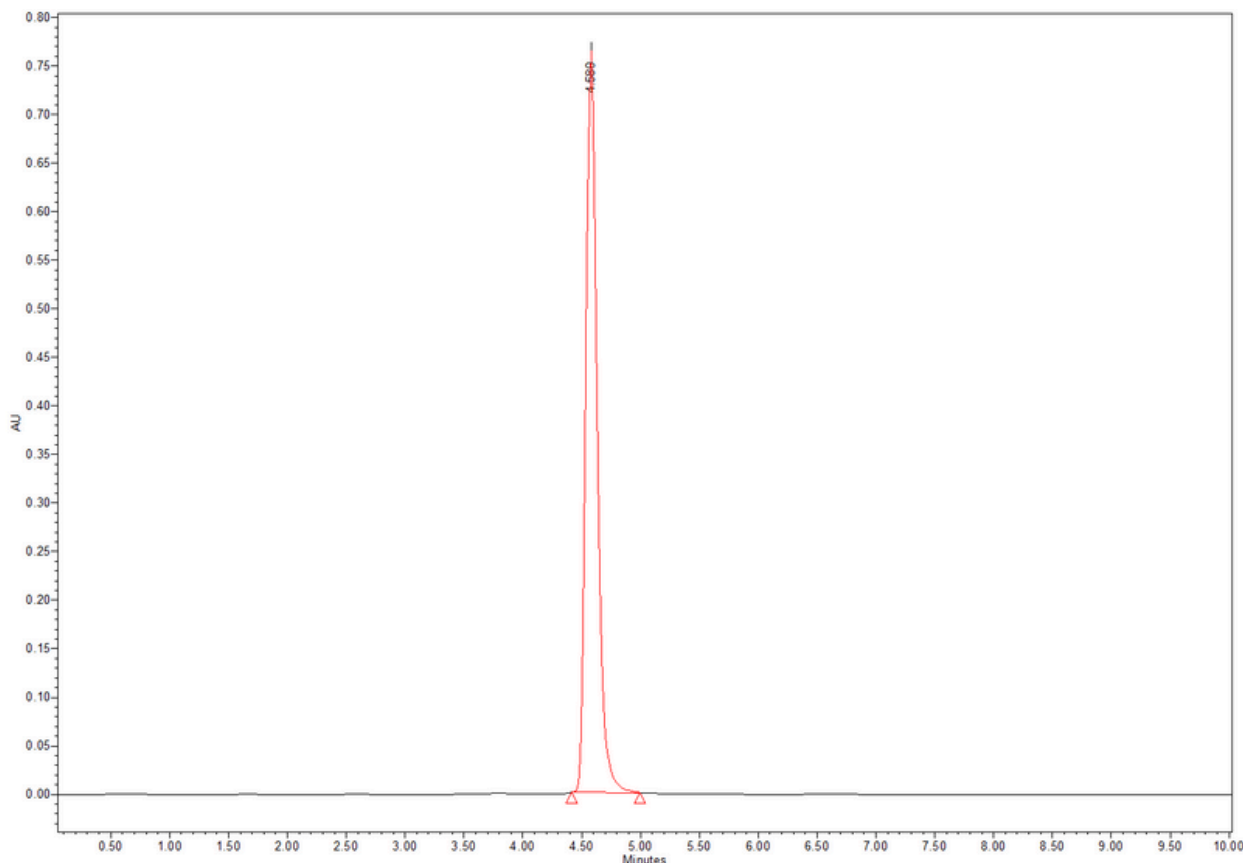


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HPLC Columns

Sulfadiazine

ACE C18, 5 μ m, 250x4.6mm



Test Condition

Column: ACE C18, 5 μ m, 250x4.6mm

Part No.: ACE-121-2546

Flow Rate: 1.0 mL/min

Injection volume: 10 μ L

Detection: PDA 254 nm

Mobile Phase: ACN:H₂O : 70:30 (v/v)

Column Temperature: Room Temperature

Sample Temperature: Ambient

Discussion

A mixture of Acetonitrile 700 mL and 300 mL of water 70:30 (v/v) was prepared and degassed in an ultrasonic water bath for 5 minutes. It was then filtered through a 0.45 μ filter under vacuum filtration.

The chromatographic analysis detected a significant peak at 4.500 minutes, representing Semaglutamide with a tailing factor of 1.26, indicating a symmetrical peak. Theoretical plates for Semaglutamide were calculated at 11181, indicating good chromatographic efficiency



For more information, Contact us at

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