

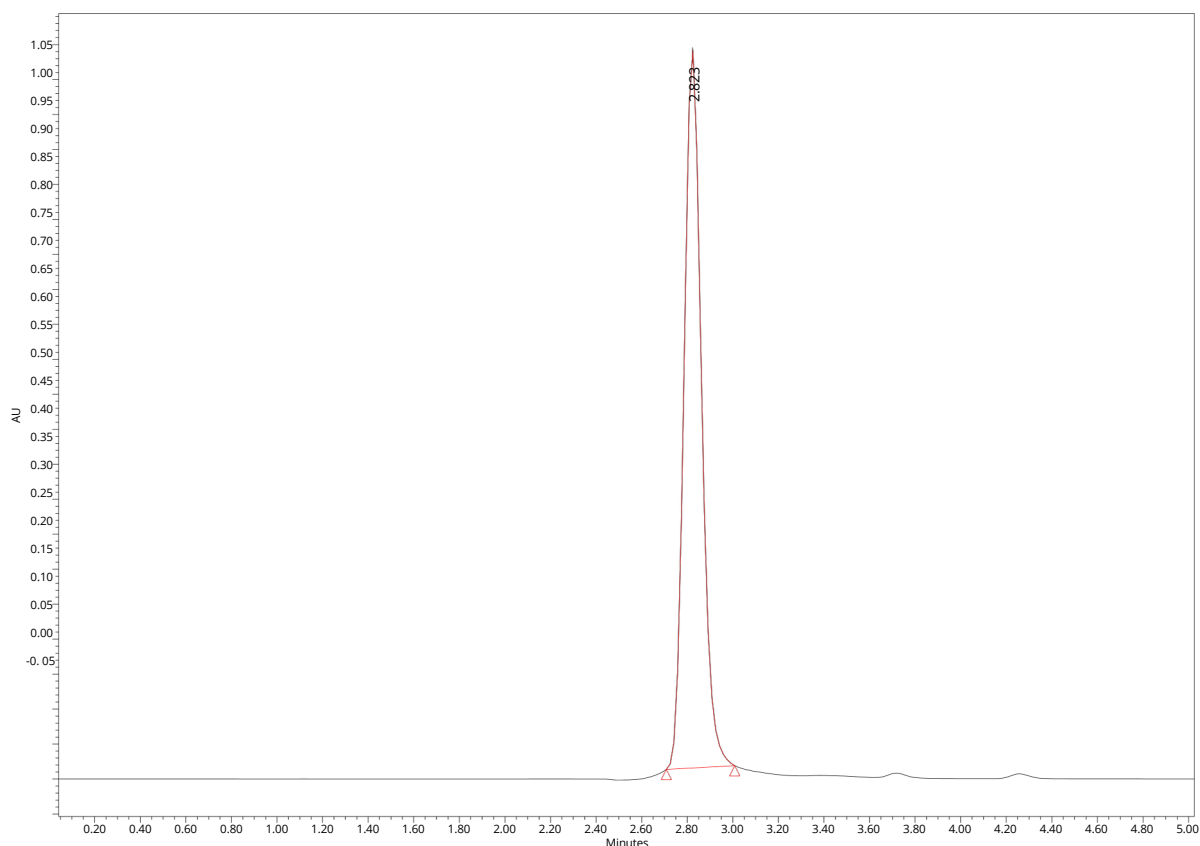


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HPLC Columns

Hydralazine HCL

ACE C18-HL 5 μ m 250 x 4.6 mm



Test Condition

Column: ACE C18-HL 5 μ m 250 x 4.6 mm

Part No.: ACE-321-2546

Flow Rate: 1.0 mL/min

Injection volume: 10 μ L

Detection: PDA 254 nm

Mobile Phase: Ammonium Acetate: Methanol
(50:50 V/V)

Column Temperature: 25°C

Sample Temperature: Room Temperature

Discussion

A mixture of Ammonium Acetate and Methanol (50:50 V/V) was prepared and degassed in an ultrasonic water bath for 5 minutes. It was then filtered through a 10 μ L filter under vacuum filtration.

The chromatographic analysis detected a significant peak at 2.823 minutes, representing Hydralazine HCL with a tailing factor of 1.14, indicating a symmetrical peak. Theoretical plates for Hydralazine HCL were calculated at 6251.76, indicating good chromatographic efficiency

For more information, Contact us at