## **HPLC Application**

ID No.: 26206



Kinetex<sup>®</sup>

a pH of 3

## Sildenafil Citrate and Sildenafil N-Oxide USP System Suitability Solution on Kinetex 5 µm C18 150x4.6mm LC/UV

Kinetex® 5µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

150 x 4.6 mm ID **Dimensions:** Order No: 00F-4601-E0 **Elution Type:** Isocratic

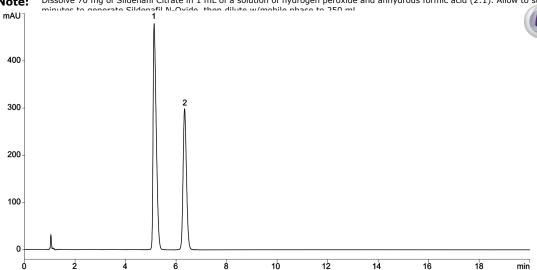
**Eluent A:** Buffer (dilute 7 mL of triethylamine with water to 1 L. Stir and adjust with

Gradient Step No. Time (min) Pct A **Profile:** 20 100

Flow Rate: 1.4 mL/min Col. Temp.: 30 °C

**Detection:** LC/UV (DAD, PDA) @ 290.000000000 nm (nanometers) (30 °C) Products used in this application:

Dissolve 70 mg of Sildenafil Citrate in 1 mL of a solution of hydrogen peroxide and anhydrous formic acid (2:1). Allow to stand for at least 10 **Analyst Note:** 



## **ANALYTES:**

Sildenafil citrate

Retention Time: 5.126 min

Sildenafil N-Oxide

Retention Time: 6.327 min

@2025 Phenomenex Inc. All rights reserved.

For more information contact your Phenomenex Representative at support@phenomenex.com



Phenomenex products are available worldwide. www.phenomenex.com

support@phenomenex.com