

Mobile Phase:

A: DI Water / 0.1% Formic Acid (v/v)

B: Acetonitrile / 0.1% Formic Acid (v/v)

Gradient:

| Time (minutes) | %B |
|----------------|----|
| 0 | 90 |
| 1 | 90 |
| 6 | 40 |
| 7 | 90 |

Post Time: 3 minutes

Injection vol.: 2 μ L

Flow rate: 1.0 mL / minute

Detection: UV @ 210nm

Sample Preparation: 20mg strength Levitra® tablet was ground and added to a 25mL volumetric flask. A portion of 50 / 50 Solvent A / Solvent B diluent was added and the flask was sonicated 10 minutes. Then it was diluted to mark and mixed. A portion was filtered through a 0.45 μ m Nylon Syringe Filter (MicroSolv Tech Corp.).

t₀: 0.7 minutes

Note: Vardenafil is used to treat Erectile Dysfunction and acts by inhibition of Phosphodiesterase Type 5 (PDE5). It is sold under trade names Levitra® and Staxyn®.

**Attachment**

No 266 Vardenafil by HPLC pdf 0.4 Mb [Download File](#)