



**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 $\mu$ 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 $\mu$ m Nylon Syringe Filter (MicroSolv Tech Corp.).

**t<sub>0</sub>:** 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](#)