

# HPLC Application

ID No.: 19949

## USP Norethindrone, Progesterone and Mestranol on Kinetex 2.6u C8 100x4.60mm on Shimadzu Nexera

**Column:** Kinetex® 2.6 µm C8 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4497-E0

**Elution Type:** Isocratic

**Eluent A:** 50:50 Acetonitrile:Water

**Gradient**

| Step No. | Time (min) | Pct A |
|----------|------------|-------|
|----------|------------|-------|

|                 |          |    |     |
|-----------------|----------|----|-----|
| <b>Profile:</b> | <b>1</b> | 25 | 100 |
|-----------------|----------|----|-----|

**Flow Rate:** 1 mL/min

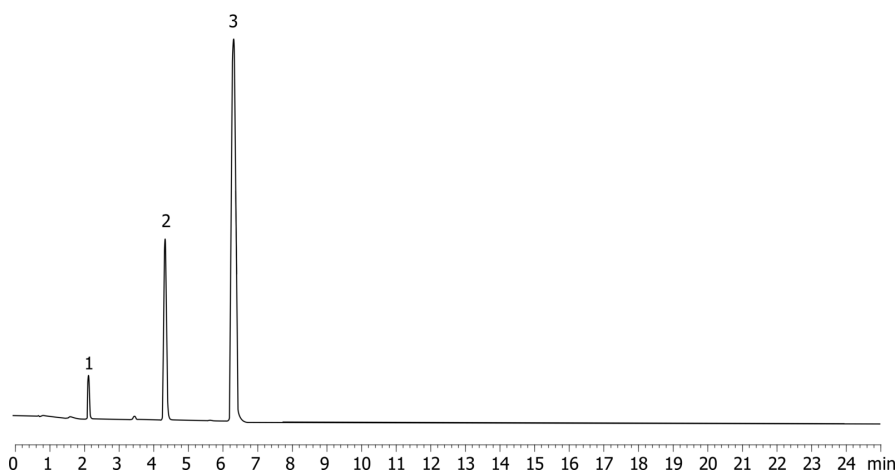
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 200 nm (ambient)

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Products used in this application:



### ANALYTES:

**1** Norethindrone

Retention Time: 2.115 min

**2** Progesterone

Retention Time: 4.326 min

**3** Mestranol

Retention Time: 6.313 min

