

# HPLC Application

ID No.: 20899

## Melatonin on Kinetex 5u C18 50x4.6mm

**Column:** Kinetex® 5µm C18 100 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4601-E0

**Elution Type:** Gradient

**Eluent A:** 0.25% Phosphoric Acid in MilliQ Water

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 90    | 10    |
|                   | 2        | 7          | 30    | 70    |
|                   | 3        | 8          | 10    | 90    |
|                   | 4        | 10         | 10    | 90    |
|                   | 5        | 10.1       | 90    | 10    |
|                   | 6        | 13         | 90    | 10    |

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 30 °C

**Detection:** Circular Dichroism @ 0.0000000000 (ambient)  
20899



Products used in this application:



### ANALYTES:

1 Melatonin

Retention Time: 2.637 min

