

# HPLC Application

ID No.: 23582

## Cannabinoids on Kinetex 1.7u Biphenyl 100x2.1mm

**Column:** Kinetex® 1.7 µm Biphenyl 100 Å, LC Column 100 x 2.1 mm, Ea

**Dimensions:** 100 x 2.1 mm ID

**Order No:** 00D-4628-AN

**Elution Type:** Gradient

**Eluent A:** 20mM Ammonium Formate pH 3.2

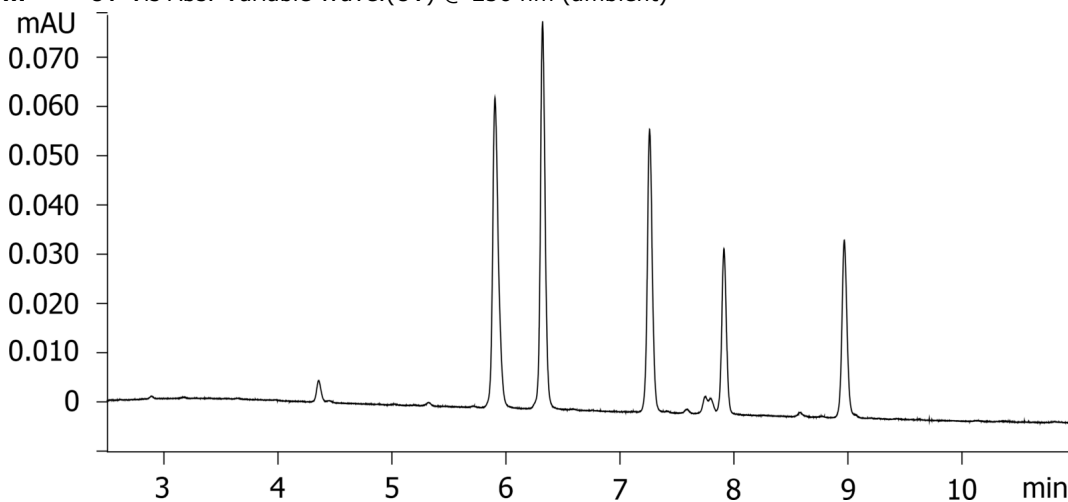
**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 40    | 60    |
|                   | 2        | 12         | 5     | 95    |
|                   | 3        | 13         | 5     | 95    |
|                   | 4        | 13.01      | 40    | 60    |
|                   | 5        | 15         | 40    | 60    |

**Flow Rate:** 0.4 mL/min

**Col. Temp.:** 40 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 256 nm (ambient)



### ANALYTES:

- 1 CBVD
- 2 Cannabidiolic Acid
- 3 CBG-A
- 4 Cannabinol
- 5 Delta 9 THC + Delta 8 THC
- 6 CBC
- 7 THCA-A



Products used in this application:

