

# HPLC Application

ID No.: 26252

## Diclofenac Sodium Ph.Eur. Reference Solution B System Suitability on Kinetex 2.6 µm C18 100x4.6mm LC/UV

**Column:** Kinetex<sup>®</sup> 2.6 µm C18 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4462-E0

**Elution Type:** Isocratic

**Eluent A:** Mix 34 volumes of a solution containing 0.5 g/L of phosphoric acid R and 0.8 g/L of sodium

**Gradient**

Step No.	Time (min)	Pct A
1	40	100

**Profile:**

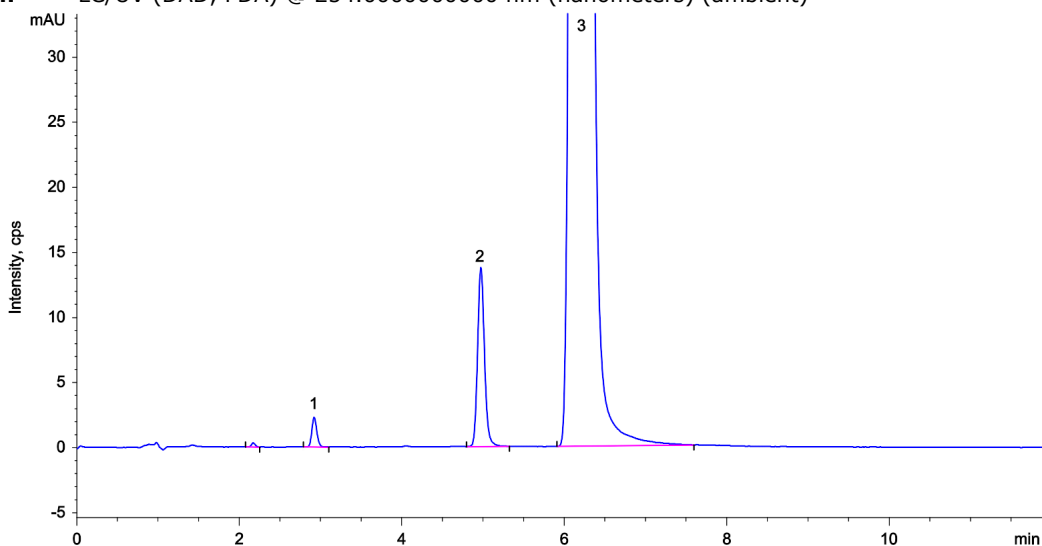
**Flow Rate:** 1 mL/min

**Col. Temp.:** 25 °C

**Detection:** LC/UV (DAD, PDA) @ 254.000000000 nm (nanometers) (ambient)



Products used in this application:



### ANALYTES:

**1** Diclofenac Impurity A

Retention Time: 2.926 min

**2** Diclofenac Impurity F

Retention Time: 4.999 min

**3** Diclofenac

Retention Time: 6.228 min

