

# HPLC Application

ID No.: 25280

## Ibuprofen Dissolution - Kinetex 5 µm C18 150x4.6mm

**Column:** Kinetex<sup>®</sup> 5µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

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

**Elution Type:** Isocratic

**Eluent A:** 40:60 4.0 g chloroacetic acid in water, pH3: ACN

Gradient	Step No.	Time (min)	Pct A
<b>Profile:</b>	<b>1</b>	<b>4</b>	<b>100</b>

**Flow Rate:** 2 mL/min

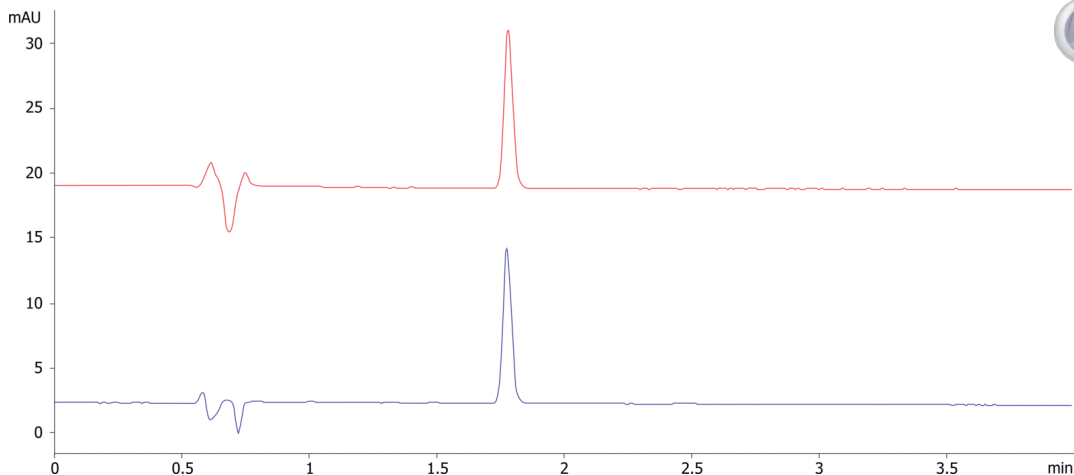
**Col. Temp.:** 21 °C

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

**Analyst Note:** Dissolution medium, 0.05 M phosphate buffer pH 7.2 filter with 0.45 µm RC Membrane 15 mm syringe filter



Products used in this application:



### ANALYTES:

**1** Ibuprofen

Retention Time: 1.79 min

