

# HPLC Application

ID No.: 25484

## Separation of Bronopol and its Degradation Products Standard Screen Kinetex 2.6u PS C18 150x4.6mm

**Column:** Kinetex<sup>®</sup> 2.6 μm PS C18 100 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4780-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% PHOSPHORIC ACID IN 5:95 MeOH: WATER

Gradient Profile:	Step No.	Time (min)	Pct A
	1	0	100
	2	6	100

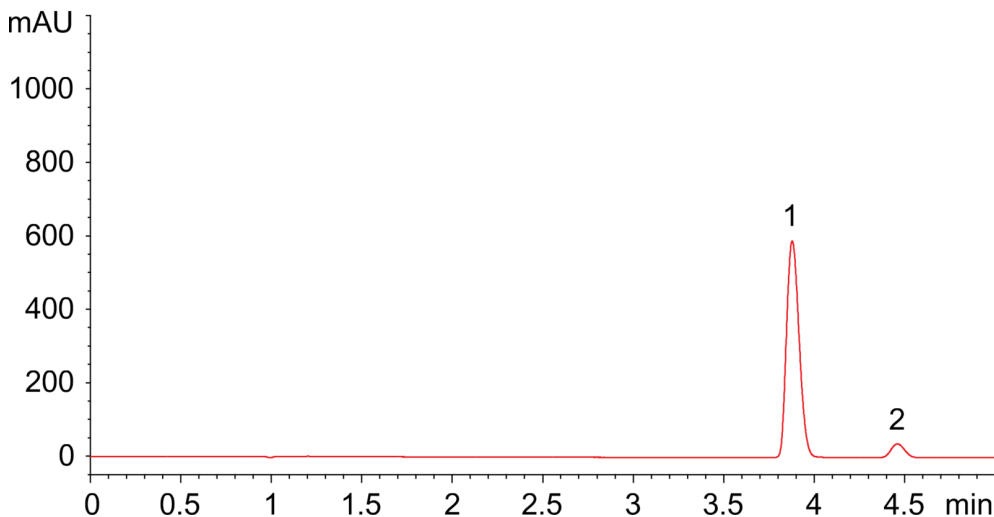
**Flow Rate:** 1.25 mL/min

**Col. Temp.:** 30 °C

**Detection:** LC/UV (DAD, PDA) @ 210.000000000 nm (nanometers) (30 °C)  
25484



Products used in this application:



### ANALYTES:

- 1 Bronopol  
Retention Time: 3.878 min
- 2 Impurity  
Retention Time: 4.459 min
- 3
- 4
- 5
- 6