

# HPLC Application

ID No.: 18941

## Paroxetine Hydrochloride Analysis (HP. Eur) on Luna C18(2) 5µ 250 x 4.6mm ID

**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4252-E0

**Elution Type:** Gradient

**Eluent A:** 5:100:900 TFA/THF/H<sub>2</sub>O

**Eluent B:** 5:100:900 TFA/THF/CAN

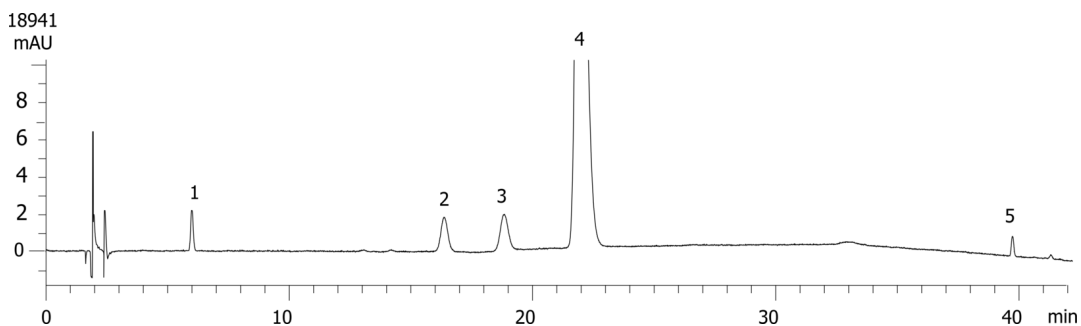
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	30	80	20
	3	50	20	80
	4	55	20	80
	5	60	80	20
	6	65	80	20

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 40 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 295 nm (ambient)

**Detector Info:** MBP=216



Products used in this application:



### ANALYTES:

- 1 Impurity B  
Retention Time: 5.995 min
- 2 Impurity A  
Retention Time: 16.37 min
- 3 Impurity E  
Retention Time: 18.83 min
- 4 Paroxetine hydrochloride  
Retention Time: 21.93 min
- 5 Impurity C  
Retention Time: 39.72 min

