

HPLC Application

ID No.: 18941

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

Column: Luna[®] 5 μ m 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/H₂O

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

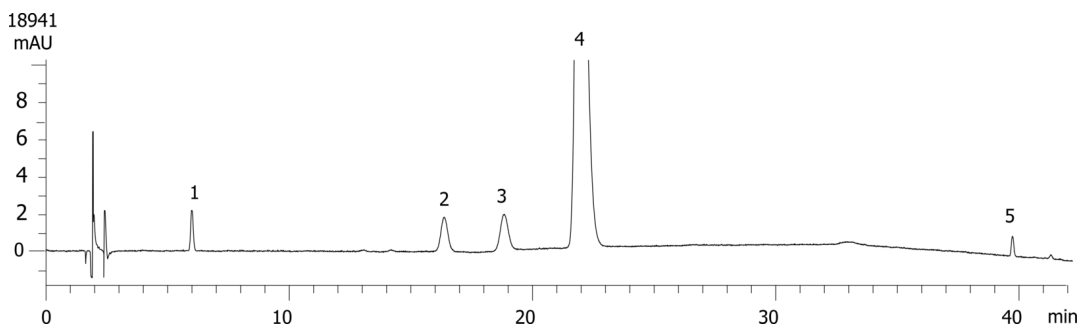
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	30	80	20
	3	50	20	80
	4	55	20	80
	5	60	80	20
	6	65	80	20

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

