

HPLC Application

ID No.: 27720

PhEur Atazanavir Sulfate - Assay; Reference solution C on Luna 3u C18(2) 150x4.6mm using Agilent 1260 Quaternary

Column: Luna® Omega 3 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4784-E0

Elution Type: Isocratic

Eluent A: mix 25 volumes of acetonitrile and 75 volumes of a freshly prepared 2.73 g/L solution of potassium dihydrogen phosphate

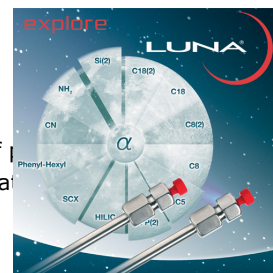
Eluent B: mix 25 volumes of a freshly prepared 2.73 g/L solution of potassium dihydrogen phosphate and 75 volumes of acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	50	50

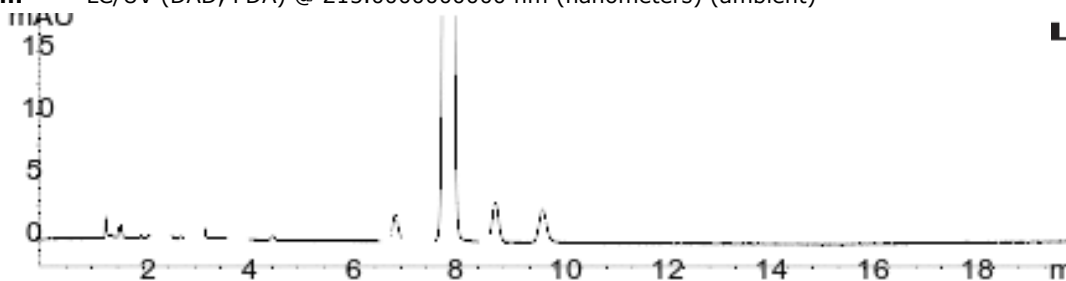
Flow Rate: 1 mL/min

Col. Temp.: 25 °C

Detection: LC/UV (DAD, PDA) @ 215.000000000 nm (nanometers) (ambient)



Products used in this application:



ANALYTES:

- 1 Impurity A
Retention Time: 2.352 min
- 2 Impurity C
Retention Time: 2.963 min
- 3 Unknown
Retention Time: 3.141 min
- 4 Impurity B
Retention Time: 3.902 min
- 5 Impurity E
Retention Time: 6.892 min
- 6 Impurity F
Retention Time: 7.462 min
- 7 Atazanavir
Retention Time: 7.926 min
- 8 Impurity G
Retention Time: 8.834 min
- 9 Impurity H
Retention Time: 9.761 min

