

# HPLC Application

ID No.: 27713

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

**Column:** Luna® 3 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4251-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

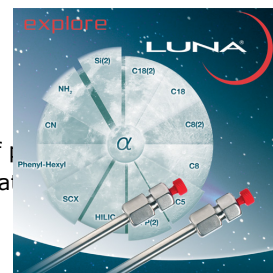
**Eluent B:** mix 25 volumes of a freshly prepared 2.73 g/L solution of potassium dihydrogen phosphate and 75 volumes of acetonitrile

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

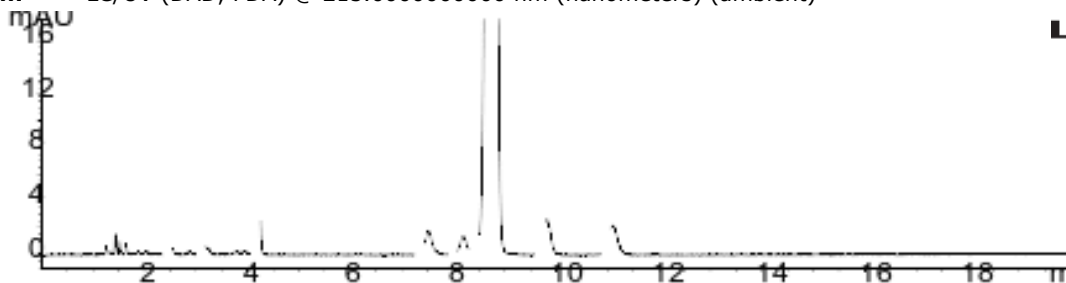
**Flow Rate:** 1 mL/min

**Col. Temp.:** 25 °C

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



Products used in this application:



### ANALYTES:

- 1 Impurity C  
Retention Time: 2.493 min
- 2 Unknown  
Retention Time: 3.132 min
- 3 Impurity B  
Retention Time: 4.207 min
- 4 Impurity E  
Retention Time: 7.518 min
- 5 Impurity F  
Retention Time: 8.199 min
- 6 Atazanavir  
Retention Time: 8.746 min
- 7 Impurity G  
Retention Time: 9.819 min
- 8 Impurity H  
Retention Time: 11.111 min

