

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

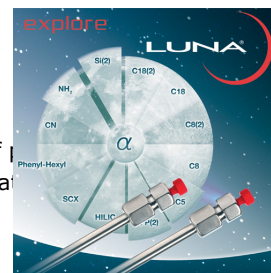
Gradient: **Step No.** **Time (min)** **Pct A** **Pct B**

Profile: **1** 0 50 50

Flow Rate: 1 mL/min

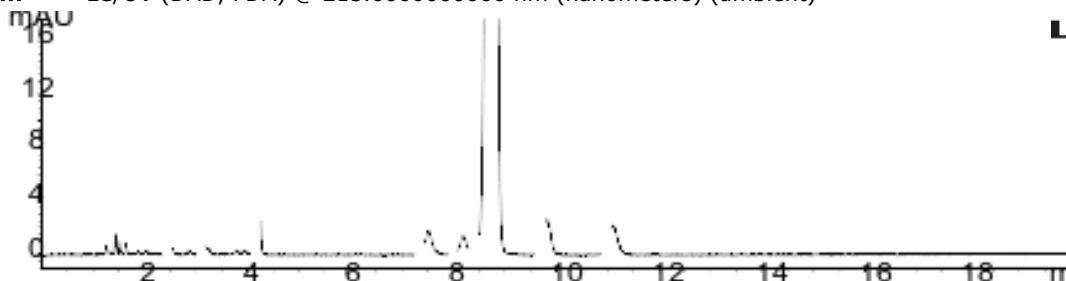
Col. Temp.: 25 °C

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



osphate p
pH 3.5 w

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

