

# HPLC Application

ID No.: 26355

## USP Alosetron Organic Impurities Sample Solution on Gemini 3 µm C18 75 x 4.6 mm using Agilent 1260 Binary U

**Column:** Gemini® 3 µm C18 110 Å, LC Column 75 x 4.6 mm, Ea

**Dimensions:** 75 x 4.6 mm ID

**Order No:** 00C-4439-E0

**Elution Type:** Gradient

**Eluent A:** 0.02 M monobasic sodium phosphate. Adjust with phosphoric acid to a pH of 3.0

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	5	90	10
	3	20	50	50
	4	25	50	50
	5	26	90	10
	6	30	90	10

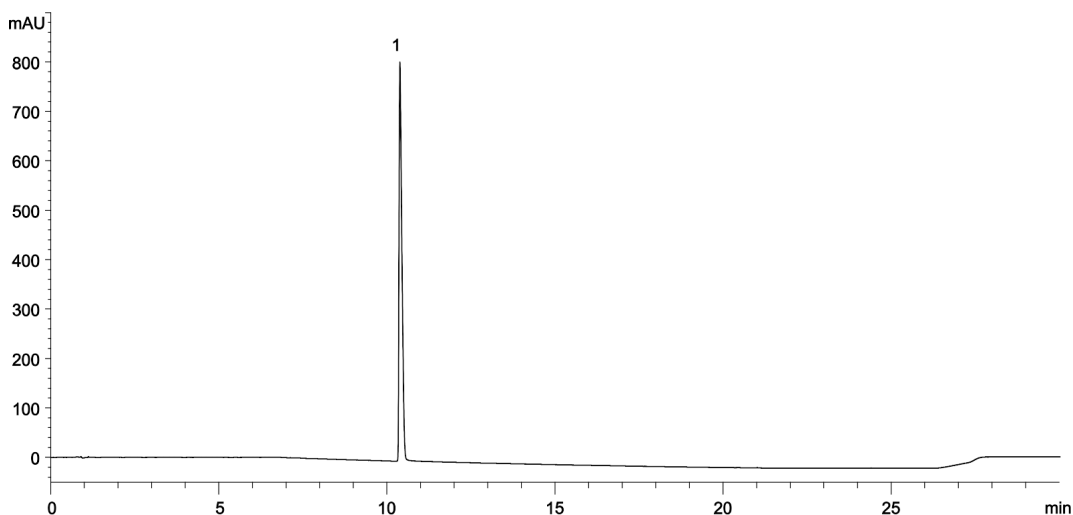
**Flow Rate:** 1 mL/min

**Col. Temp.:** 30 °C

**Detection:** LC/UV (DAD, PDA) @ 220.000000000 nm (nanometers) (ambient)



Products used in this application:



### ANALYTES:

- 1 Alosetron HCl  
Retention Time: 10.379 min