

# HPLC Application

ID No.: 17971

## Steroids in Standard Urine on Gemini 5 $\mu$ m C18 150 x 3mm ID

**Column:** Gemini<sup>®</sup> 5  $\mu$ m C18 110 Å, LC Column 150 x 3 mm, Ea

**Dimensions:** 150 x 3 mm ID

**Order No:** 00F-4435-Y0

**Elution Type:** Gradient

**Eluent A:** 0.1 % Formic Acid in Water

**Eluent B:** 0.1 % Formic Acid in 95% Acetonitrile/Water

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	60	40
	2	4	100	0
	3	15	25	75
	4	15.1	40	60
	5	20	40	60

**Flow Rate:** 0.6 mL/min

**Col. Temp.:** ambient

**Detection:** Mass Spectrometer (MS) @ amu (450 °C)

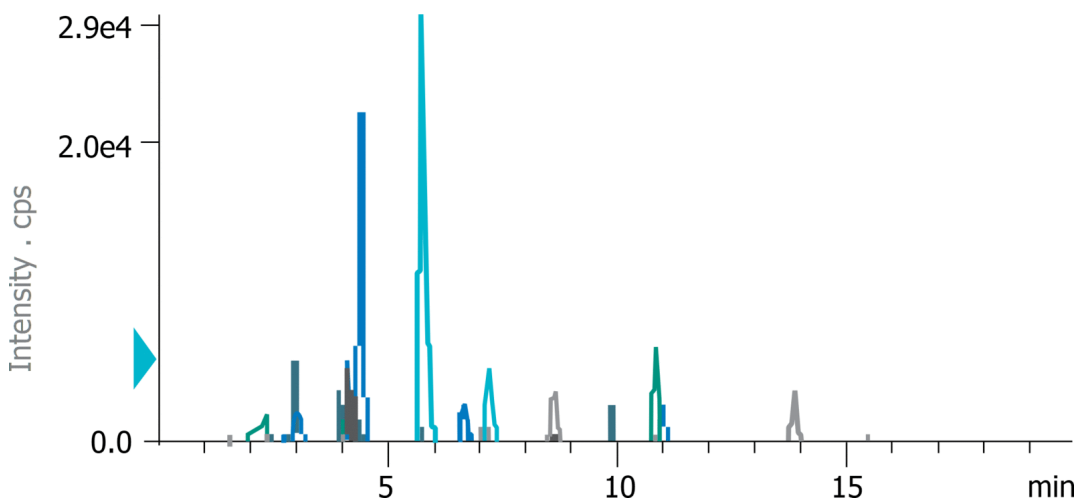
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 2.0mm, 10/Pk Part No.: AJ0-7596

- Holder Part No.: KJ0-4282



Products used in this application:



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### ANALYTES:

- 1 Triamcinolone
- 2 Prednisolone
- 3 Cortisone
- 4 Betamethasone
- 5 Corticosterone
- 6 Triamcinolone acetonide
- 7 11-alpha-Hydroxyprogesterone
- 8 Cortisone acetate
- 9 11-Ketoprogesterone
- 10 Betamethasone 17-valerate

