

# HPLC Application

ID No.: 11202

## Prednisolone - USP Method

**Column:** Luna® 5 µm Silica (2) 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4274-E0

**Elution Type:** Isocratic

**Eluent A:** butylchloride:water-saturated butylchloride:THF:MeOH:glacial acetic acid (95/95/14/7/6,

Gradient	Step No.	Time (min)	Pct A
Profile:	1	0	100

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

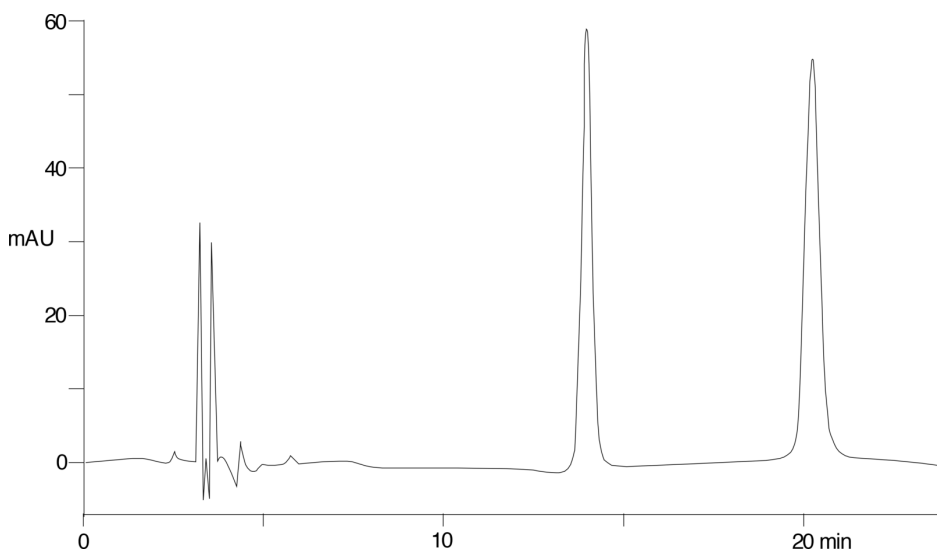
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Silica 4 x 3.0mm, 10/Pk Part No.: AJ0-4348

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

1 Betamethasone

Retention Time: 13.97 min

2 Prednisolone

Retention Time: 20.237 min

