

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)

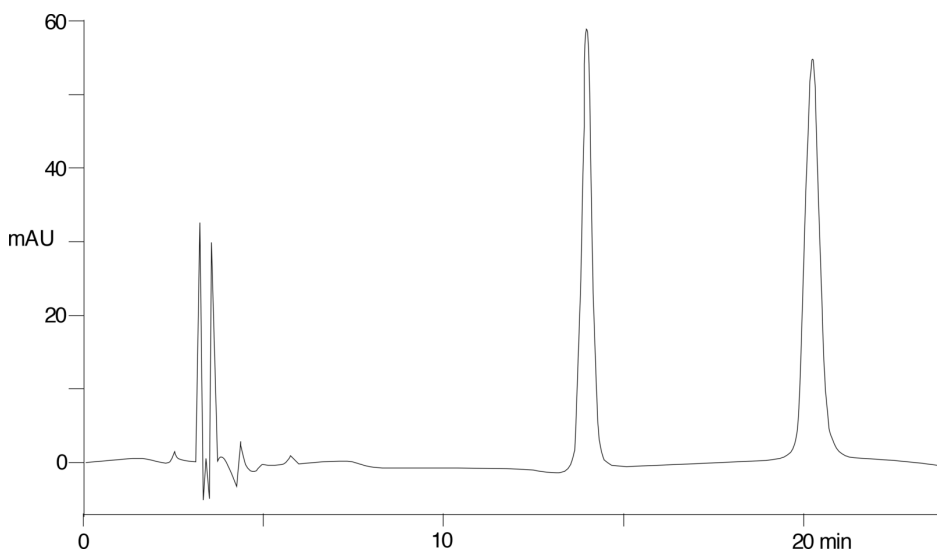
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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

