

# HPLC Application

ID No.: 3269

## Prednisolone - USP Acceptable Modified Method

**Column:** Luna® 5 µm C8(2) 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4249-E0

**Elution Type:** Isocratic

**Eluent A:** Butyl chloride:water-saturated butyl chloride:tetrahydrofuran:methanol:glacial acetic acid

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

**Flow Rate:** 1.5 mL/min

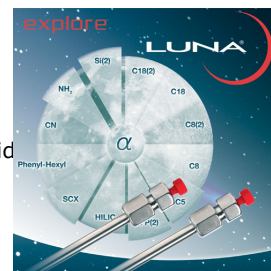
**Col. Temp.:** ambient

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

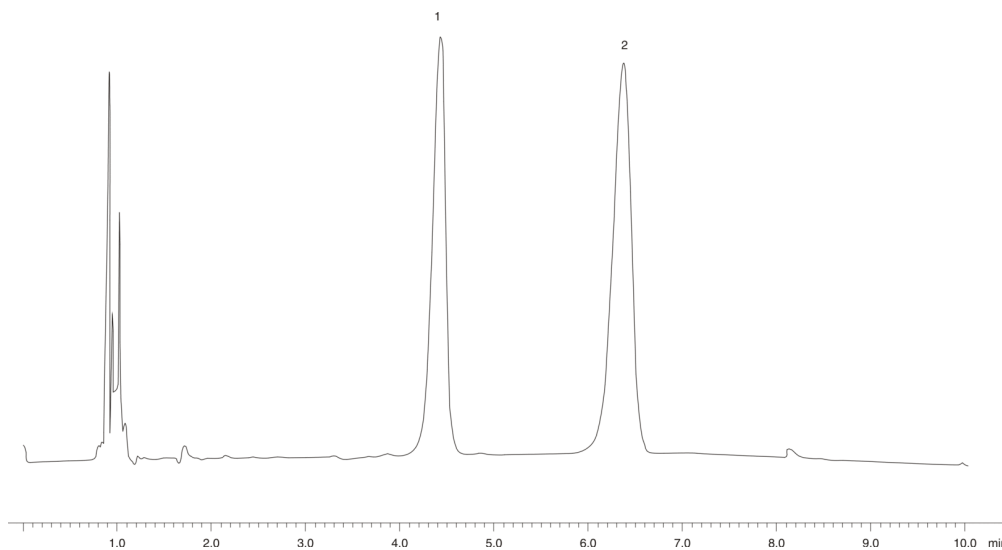
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C8 4 x 3.0mm, 10/Pk Part No.: AJ0-4290

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

1 Betamethasone

2 Prednisolone

