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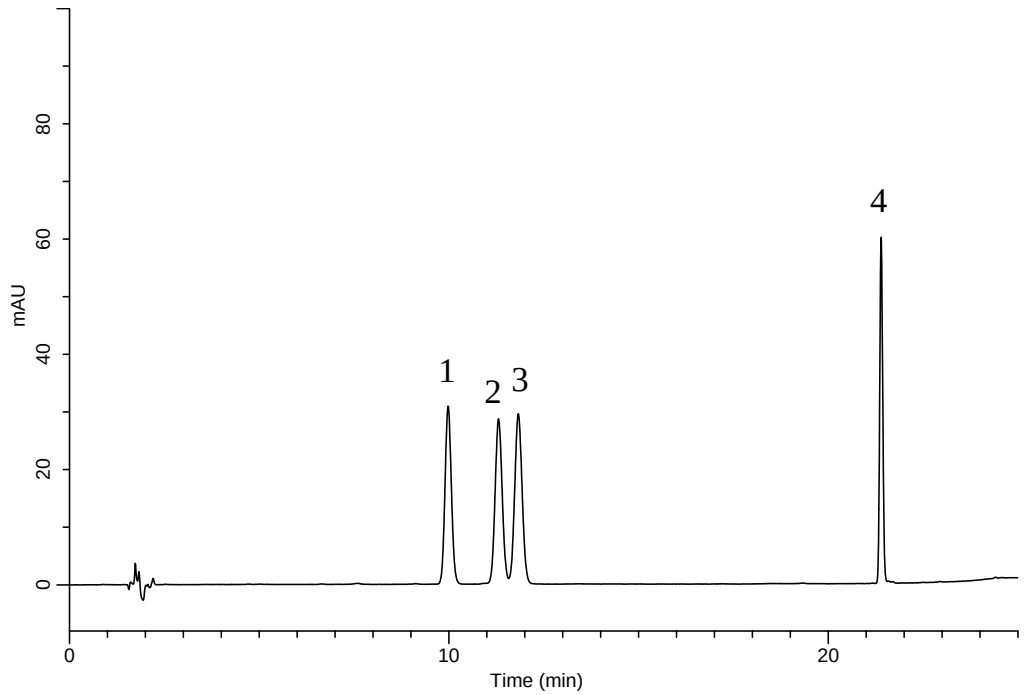
Inertsil ® Applications

Analysis of Prednisolone

(Under the Condition of European Pharmacopoeia 8.2)

Data No. LB370-0894



Conditions

System : GL7700 HPLC system
Column : Inertsil ODS-3
(3 μm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-01771
Eluent : A) H_2O
B) CH_3CN/CH_3OH =1/1, v/v

Time (min)	A (vol%)	B (vol%)
0.0	60	40
14.0	60	40
20.0	20	80
25.0	20	80
40.0	60	40
50.0	60	40

Flow Rate : 1.0 mL/min
Col. Temp. : 40 ℃
Detection : UV 254 nm (PD7752 PDA Detector)
Injection Vol. : 10 μL
Sample : Standard

Analyte:

1. Prednisone
2. Prednisolone
3. Hydrocortisone
4. Prednisolone acetate
(20 mg/L each)

GL Sciences