

Separation of Steroids III

Method
HPLC

VPH0031J
RP Mode

Column: ProntoSIL 120-5 C8 SH, 125 x 4.0 mm ID

Order No. 12DF080PSJ

Phase: ProntoSIL 120-5 C8 SH

Conditions:

Eluent:	A: Water B: MeOH
Gradient:	0 – 1 min 80% A 1 – 11 min 80% - 65% A 11 – 14 min 65% A 14 – 20 min 65% - 40% A 20 – 24 min 40% A
Flow rate:	1.0 ml/min
Temperature:	30 °C
Volume:	10 µl

Detection: UV at 230 nm

Substances: Esteriol, Prednisolone, Cortisone, Testosterone, Methyl-6 α -hydroxy-11 β -progesterone, Methyl-6 α -hydroxy-17 α -progesterone, Methyl-6 α -hydroxy-17 α -progesterone acetate, Estradiol, Estrone, Progesterone

Keywords: Steroids

Chromatogram:

1. Esteriol
2. Prednisolone
3. Cortisone
4. Testosterone
5. Methyl-6 α -hydroxy-11 β -progesterone
6. Estradiol
7. Methyl-6 α -hydroxy-17 α -progesterone
8. Methyl-6 α -hydroxy-17 α -progesterone acetate
9. Estrone
10. Progesterone

