

Steroids UHPLC-UV Analysis and Comparison

Application #AN1640

Conditions

Column: ACE Excel 2 CN-ES
ACE Excel 2 C18
ACE Excel 2 CN
Dimensions: 50 x 2.1 mm
Part Number: EXL-1013-0502U, EXL-101-0502U, EXL-104-0502U
Mobile Phase: A: 0.1% formic acid in H₂O
B: 0.1% formic acid in MeCN

| Time (mins) | %B |
|-------------|----|
| 0.0 | 25 |
| 10.0 | 80 |
| 10.5 | 80 |
| 11.0 | 25 |

Flow Rate: 0.4 mL/min
Temperature: 40 °C
Detection: UV, 260 nm

1. Cortisone
2. Corticosterone
3. 11 α -Hydroxyprogesterone
4. Cortisone-21-acetate
5. 11-Ketoprogesterone
6. β -Estradiol
7. 17 α -Estradiol
8. 17 α -Ethinylestradiol
9. Estrone

