

Analysis of Flavonoid Glycosides

Method
HPLC

VFD0044J
RP Mode

Column: Eurospher 100-5 C18, 250 x 4.6 mm ID

Order No. 25EE181ESJ

Phase: Eurospher 100-5 C18

Conditions: Eluent: A: Water
B: Acetonitrile / H₂O, adjusted to pH 2.5; with Phosphate buffer
Gradient: 0 – 35 min 17% - 23% ACN
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 10 µl

Detection: UV at 280 nm

Substances: Eriocitrin, Eriodictyol 7-O-glucoside, Luteolin 7-O-rutinoside, Narirutin, Hesperidin, Isorhoifolin, Rosmarinic acid, Diosmin

Keywords: Flavonoid Glycosides

Chromatogram:

1. Eriocitrin
2. Eriodictyol 7-O-glucoside
3. Luteolin 7-O-rutinoside
4. Narirutin
5. Hesperidin
6. Isorhoifolin
7. Rosmarinic acid
8. Diosmin
- X1-4 unknown

