

## Separation of Polyphenols

**Method** VFD0082J  
**HPLC** RP Mode

**Column:** Eurospher II 100-3 C18 H, 150 x 3.0 mm ID

**Order No.** 15CE185E2G

**Phase:** Eurospher II 100-3 C18 H

**Conditions:** Eluent: A: Water + 0.1 % Formic acid  
B: Water + 0.1 % Formic acid/Acetonitrile 50:50 v/v  
Gradient: 0.0 – 2.0 min 10 % B  
2.0 – 8.1 min 10 – 100 % B  
8.1 – 10.1 min 100 % B  
Flow rate: 1 ml/min  
Temperature: 30 °C  
Volume: 5 µl

**Detection:** UV, 280 nm

**Substances:** Catechin, Chlorogenic acid, Epicatechin, Gallic acid, Kaempferol-3-o-rutinoside, Myricitin, Quercetin, Rutin

**Keywords:** Polyphenols

### Chromatogram:

- 1 Gallic acid
- 2 Chlorogenic acid
- 3 Catechin
- 4 Epicatechin
- 5 Rutin
- 6 Kaempferol-3-o-rutinoside
- 7 Myricitin
- 8 Quercetin

