

Separation of Additives in Softdrinks I

Method
HPLCVFD0017J
RP Mode**Column:** ProntoSIL 120-5 C8 SH, 150 x 4.0 mm ID**Order No.** 15DF080PSJ**Phase:** ProntoSIL 120-5 C8 SH**Conditions:**
Eluent: 20 mM KH₂PO₄ (pH 3) / Acetonitrile (5:1)
Gradient: isocratic
Flow rate: 1.2 ml/min
Temperature: 30 °C
Volume: 10 µl**Detection:** UV at 220 nm**Substances:** Acesulfam K, Ascorbic acid, Aspartame, Benzoic acid, Caffeine, Saccharin, Sorbic acid, Quinine, Vaniline**Keywords:** Sweeteners, Additives, Softdrinks**Chromatogram:**

1. Ascorbic acid
2. Acesulfam K
3. Saccharin
4. Caffeine
5. Aspartame
6. Quinine
7. Vanilin
8. Sorbic acid
9. Benzoic acid

