

Determination of Guaifenesin, Codein and Pseudoefedrin in cough syrup

Method
HPLC

VPH0021J
RP Mode

Column: ProntoSIL 120-3 C18 SH, 250 x 4.0 mm ID

Order No. 25DF180PSG

Phase: ProntoSIL 120-3 C18 SH

Conditions: Eluent: Water / Methanol (70:30) with 0.1% TFA (pH 1.87)
Gradient: isocratic
Flow rate: 0.8 ml/min
Temperature: 40 °C
Volume: 5 µl

Detection: UV at 210 nm

Substances: Codeine, Guaifenesin, Pseudoefedrin

Keywords: Codein , Guaifenesin , Pseudoefedrin

Chromatogram:

1. Codein
2. Pseudoefedrin
3. Guaifenesin

