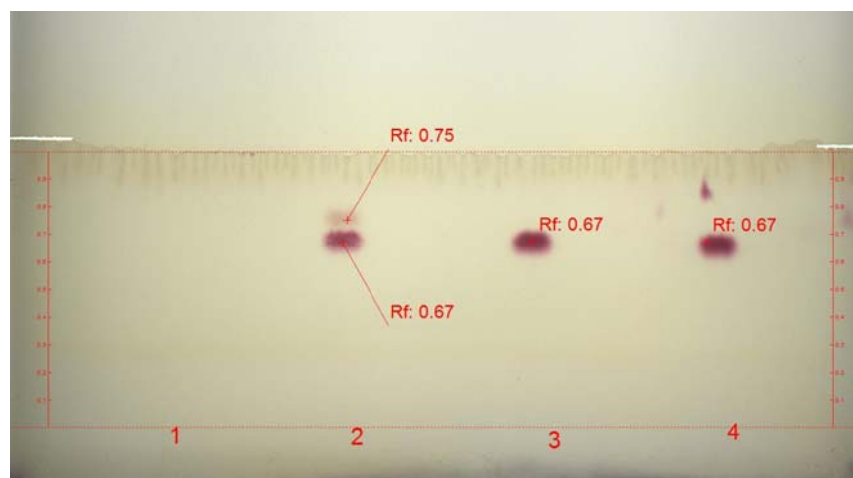


Gabapentin Oral Solution – BP 2017

This chromatogram is provided for information only as an aid to analysts and intended as guidance for the interpretation and application of BP monographs.

Example chromatogram for Identification A in Gabapentin Oral Solution as published in BP 2017.

1. Blank
2. 0.025 % w/v solution each of gabapentin and vigabatrin
3. 0.025 % w/v solution of gabapentin reference standard
4. 0.025 % w/v solution of gabapentin oral solution



TLC Plate: Merck TLC silica gel 60 F₂₅₄, 250 µm, 20 cm × 20 cm
Mobile Phase: Methanol: acetonitrile: 0.05 M potassium dihydrogen phosphate adjusted to pH 6.3 (2:3:15 v/v/v)
Diluent: Methanol
Application: 10 µL
Development: 8 cm from the point of application
Drying: Dried at 105 °C for about 10 minutes
Detection : Sprayed with Ninhydrin solution R4 and heated at 105 °C for 2 minutes.
Development time: ≈ 25 minutes