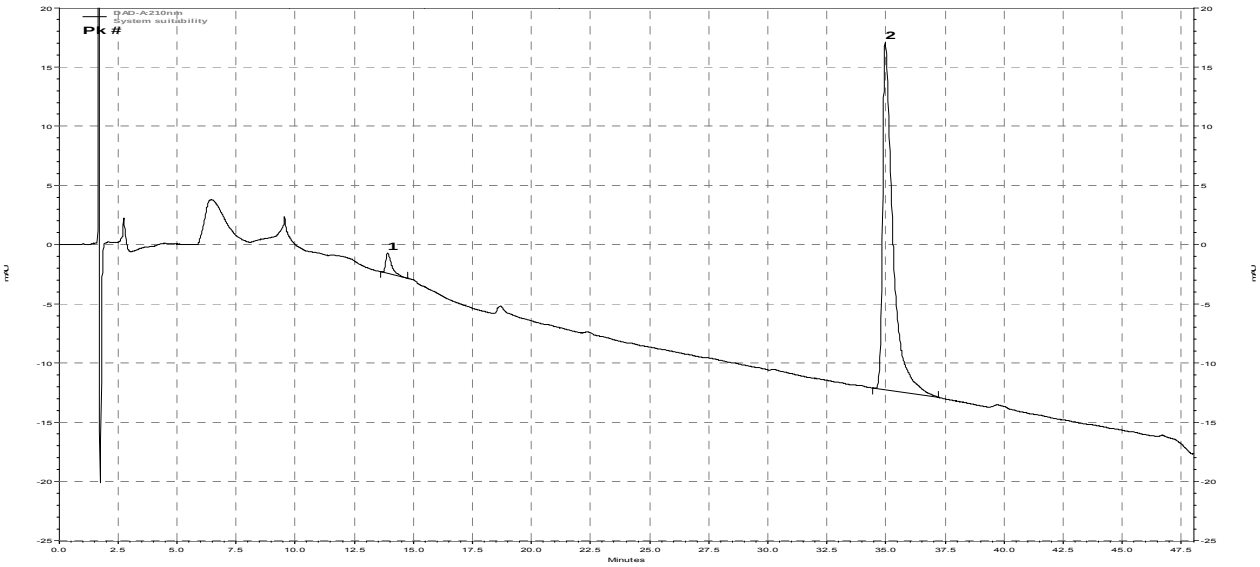
Gabapentin Tablets – BP 2017

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

Typical chromatogram for solution (4) at 210 nm in the Related Substances test for Gabapentin Tablets as published in BP 2017.



Peak ID: 1: Gabapentin, 2: Gabapentin lactum (Impurity A)

Column : Hypersil MOS-2 (250 mm x 4.6 mm, 5µm)
Mobile Phase A : 0.01M potassium dihydrogen orthophosphate adjusted to pH 6.9 with a 10 % w/v solution of potassium hydroxide
Mobile Phase B : Acetonitrile
Flow Rate : 1.5 mL/min
Wavelength : 210 nm
Column Temperature : 25 °C
Injection Volume : 50 µL
Diluent : 10 % v/v acetonitrile
Gradient

Time (min)	Mobile Phase A (% v/v)	Mobile Phase B (% v/v)
0-5	100	0
5-15	90	10
15-45	70	30
45-55	25	75
55-60	25	75
60-61	100	0
61-70	100	0