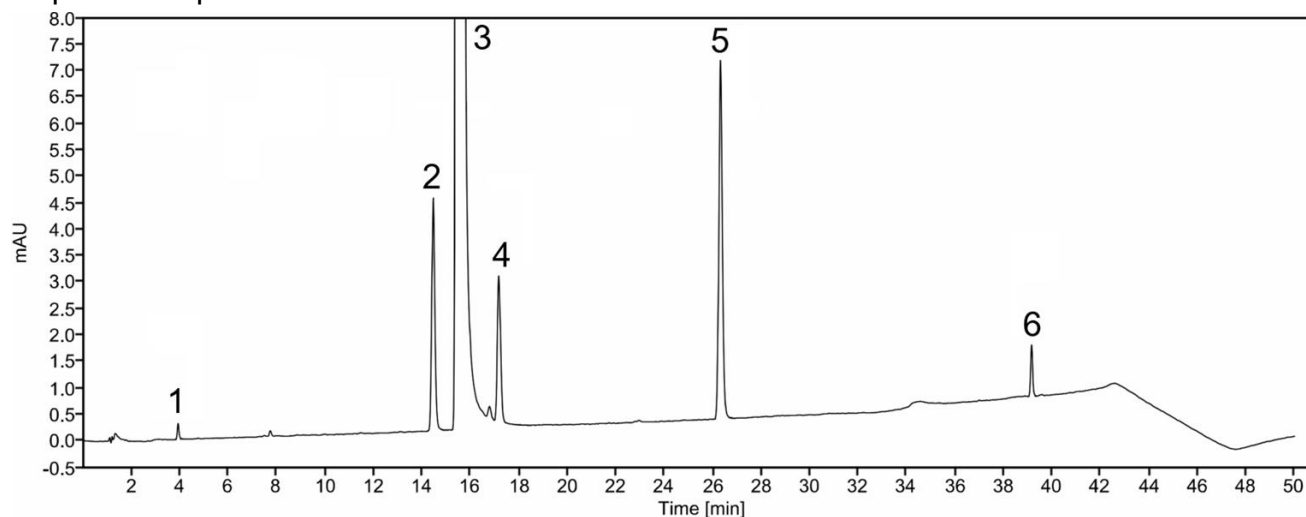




Trazodone Capsules – BP 2026

These chromatograms are provided for information only as an aid to analysts and are intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (3) from the Related Substances test for Trazodone Capsules as published in BP 2026.



Peak ID: 1: Impurity A. 2: Impurity C. 3: Trazodone. 4: Impurity D. 5: Impurity E. 6: Impurity H.

Column	Accucore C18 (150 mm x 4.6 mm, 2.6 µm)
Method Ref.	Related Substances for the Trazodone Capsules monograph from BP 2026
Mobile Phase A	Diethylamine: water (0.4:1000, v/v)
Mobile Phase B	Methanol
Diluent (Solution A)	Mobile phase A: mobile phase B (1:1, v/v)
Flow rate	1.0 mL/min
Column Temp	40°C
Injection Volume	10 µL

Detection	254 nm			
Gradient				
Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)	Flow rate (mL/min)	Comment
0 – 30	50 → 30	50 → 70	1.0	linear gradient
30 – 40	30 → 15	70 → 85	1.0	linear gradient
40 – 45	15 → 50	85 → 50	1.0	linear gradient
45 – 50	50	50	1.0	re-equilibration