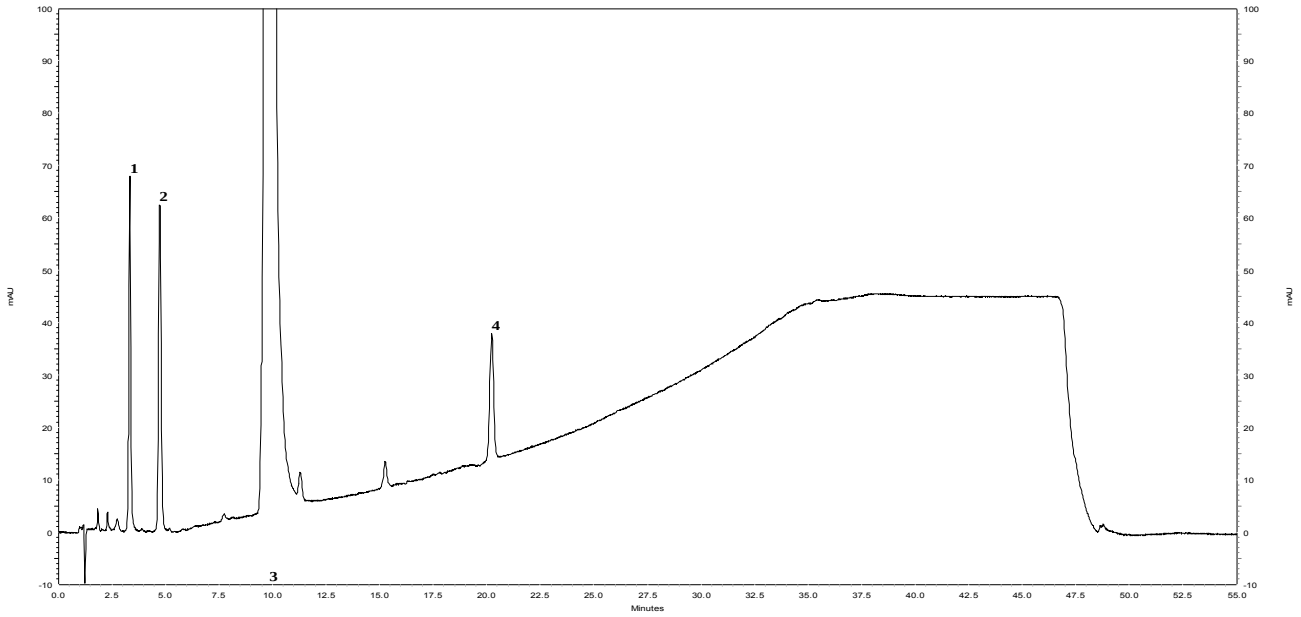
Candesartan Tablets – BP 2019

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 (4) in the Related Substances test for Candesartan Tablets as published in BP 2019.



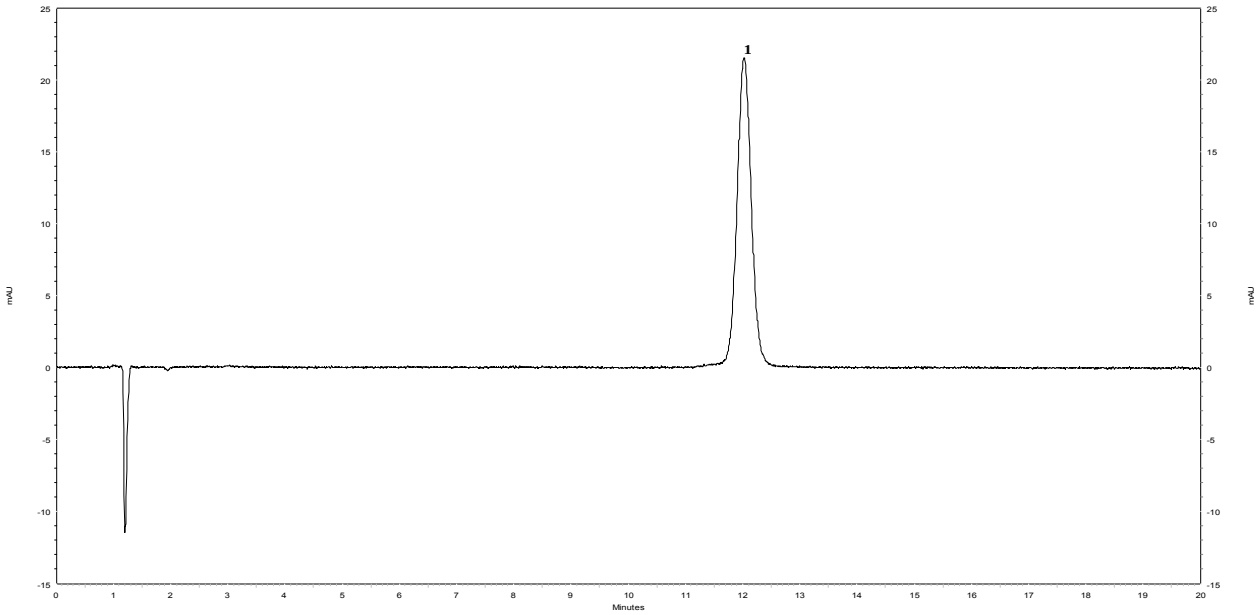
Peak ID: 1: Impurity A, 2: Impurity B, 3: Candesartan, 4: Impurity F

Column : Waters, Nova-Pak C18 (150 mm x 3.9 mm, 4 µm)
Mobile Phase A : Glacial acetic acid: water: acetonitrile (1: 43: 57, v/v/v)
Mobile Phase B : Glacial acetic acid: water: acetonitrile (1: 10: 90, v/v/v)
Gradient :

Time (min)	Mobile Phase A (%)	Mobile Phase B (%)
0 - 3	100	0
3 - 33	100 - 0	0 - 100
33 - 45	0	100
45 - 47	0 - 100	100 - 0
47 - 55	100	0

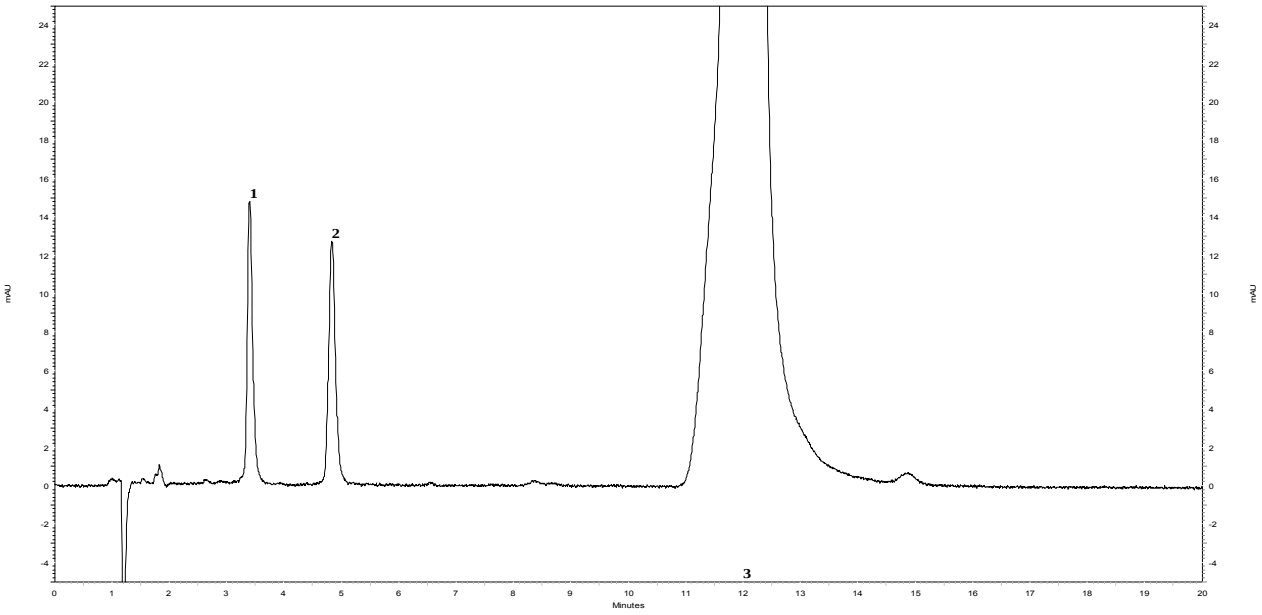
Diluent : Acetonitrile: water (60: 40, v/v)
Flow Rate : 0.8 mL/min
Column Temp : 25°C
Injection Volume : 20 µL
Detection : UV, 254 nm

Typical chromatogram for solution (2) in Assay test for Candesartan Tablets as published in BP 2019.



Peak ID: 1: Candesartan

Typical chromatogram for solution (3) in Assay test for Candesartan Tablets as published in BP 2019.



Peak ID: 1: Impurity A; 2: Impurity B; 3: Candesartan

Column	: Waters, Nova-Pak C18 (150 mm x 3.9 mm, 4 µm)
Mobile Phase	: Glacial acetic acid: water: acetonitrile (1: 43: 57, v/v/v)
Diluent	: Acetonitrile: water (60: 40, v/v)
Flow Rate	: 0.8 mL/min
Column Temp	: 25°C
Injection Volume	: 20 µL
Detection	: UV, 254 nm