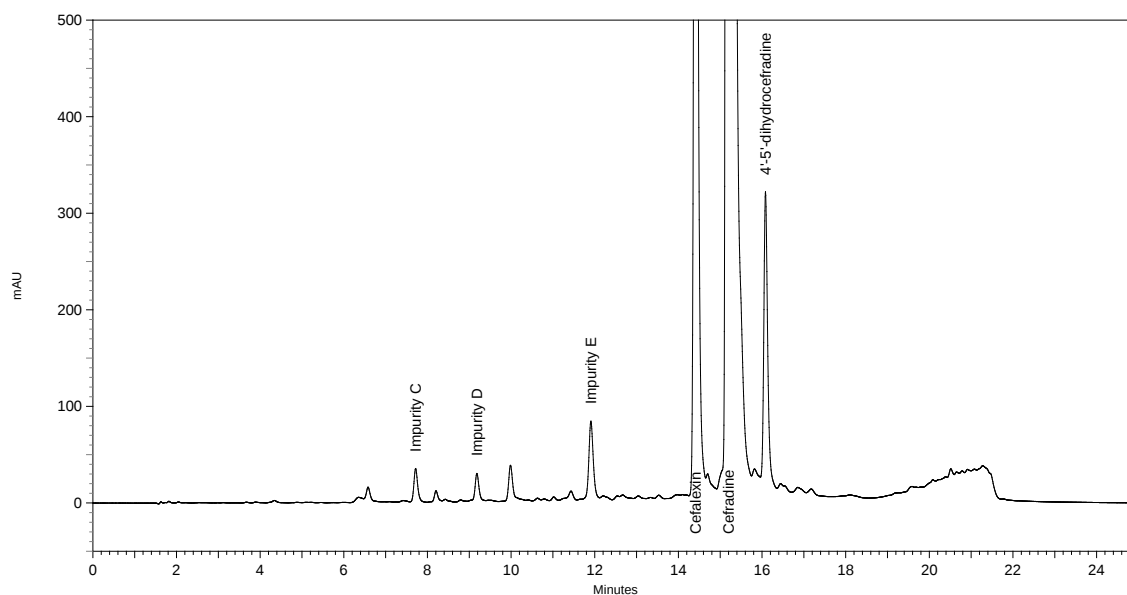


Cefradine Capsules, Cefradine Injection, Cefradine Oral Suspension – BP 2016

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

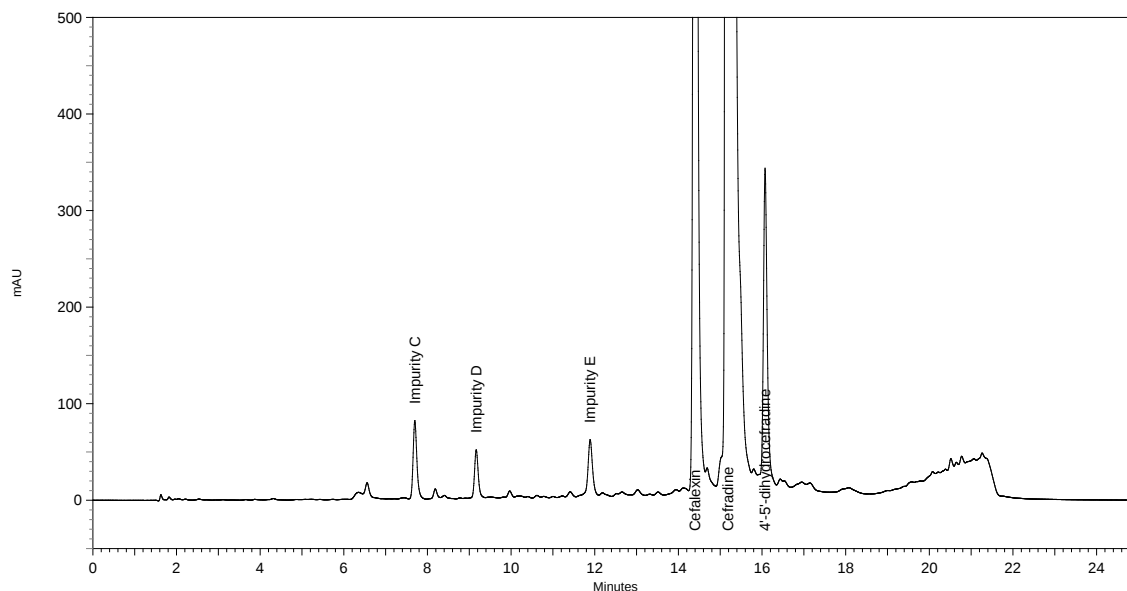
Typical chromatogram for solution (1) in the Related Substances test for Cefradine Capsules as published in BP 2016.



The chromatogram shows a large cefradine peak (off scale at 500 mAU) at 14.4 minutes and five known peaks, impurity C (30 mAU) at 7.7 minutes, Impurity D (30 mAU) at 9.2 minutes, impurity E (80 mAU) at 12.0 minutes, cefalexin (off scale at 500 mAU) at 14.4 minutes and 4',5'-dihydroxycefadine (300 mAU) at 16.1 minutes.

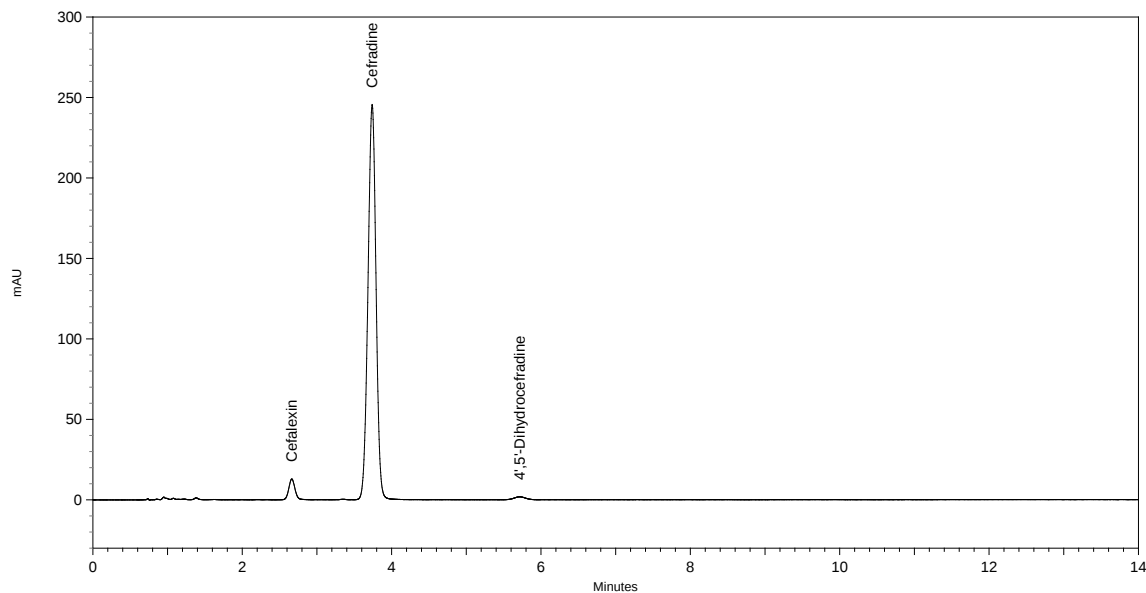


Typical chromatogram for solution (1) in the Related Substances test for Cefradine Oral Suspension as published in BP 2016.



The chromatogram shows a large cefradine peak (off scale at 500 mAU) at 14.4 minutes and five known peaks, impurity C (80 mAU) at 7.7 minutes, Impurity D (50 mAU) at 9.2 minutes, impurity E (60 mAU) at 12.0 minutes, cefalexin (off scale at 500 mAU) at 14.4 minutes and 4',5'-dihydroxycefradine (350 mAU) at 16.1 minutes.

Typical chromatogram for solution (1) in the Assay test for Cefradine Capsules as published in BP 2016.



The chromatogram shows three peaks, cefalexin (10 mAU) at 2.7 minutes, cefradine (250 mAU) at 3.7 minutes and 4',5'-dihydroxycefradine (<10 mAU) at 9.0 minutes. Similar chromatography was obtained for Cefradine Injection and Cefradine Oral Suspension.