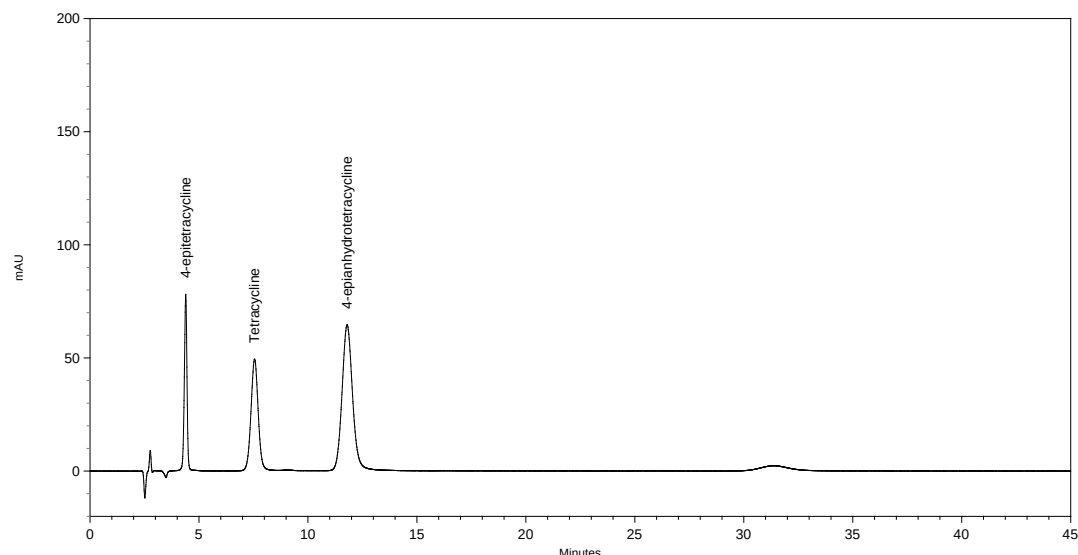




Lymecycline Capsules – BP 2016

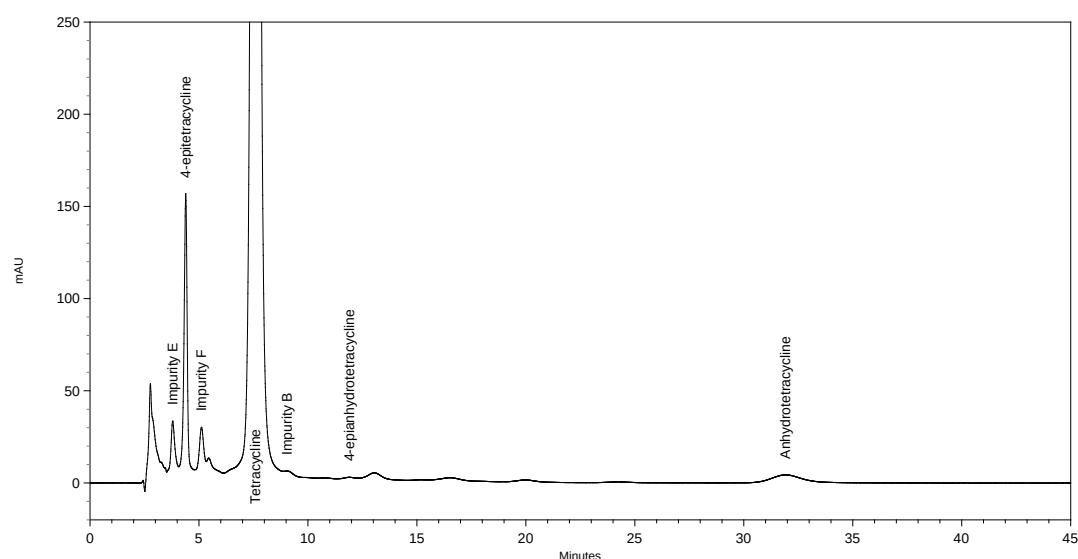
These chromatograms are provided for information only as an aid to analysts and intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (6) in the Related Substances test for Lymecycline Capsules as published in BP 2016.



The chromatogram shows three peaks, 4-epitetracycline peak (80 mAU) at 4.5 minutes, tetracycline peak (50 mAU) at 7.5 minutes, 4-epianhydrotetracycline peak (70 mAU) at 12 minutes.

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



The chromatogram show large tetracycline peak (off scale at 250 mAU) at 7.5 minutes and six small peaks due to impurity E (30 mAU) at 3.8 minutes, 4-epitetracycline (160 mAU) at 4.2 minutes, impurity F (30 mAU) at 5.1 minutes, impurity B (5 mAU) at 9.0 minutes, 4-epianhydrotetracycline (1 mAU) and anhydrotetracycline (3 mAU) at 32 minutes.