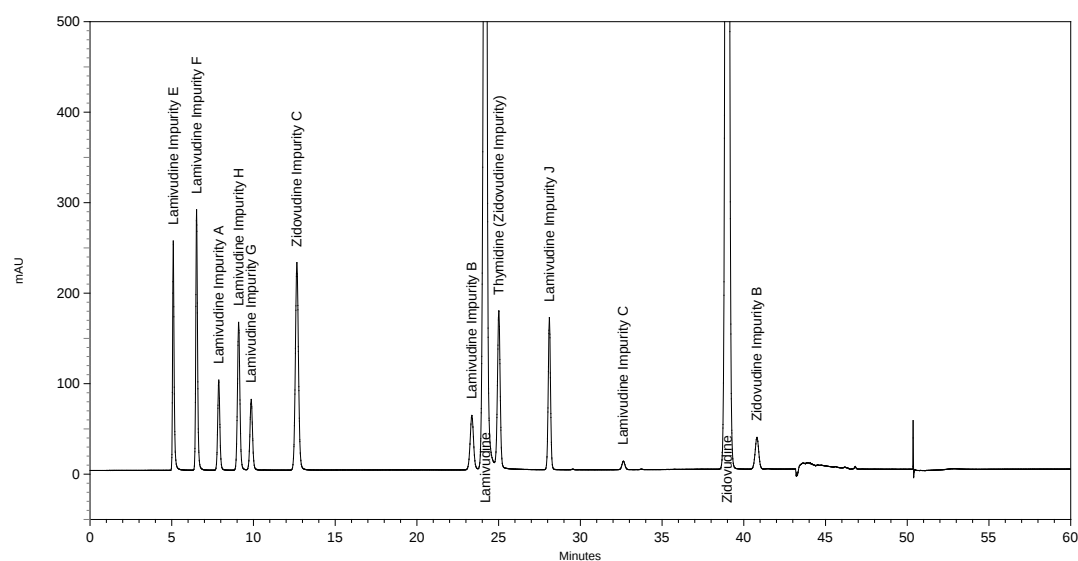




Zidovudine and Lamivudine Tablets – BP 2016

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

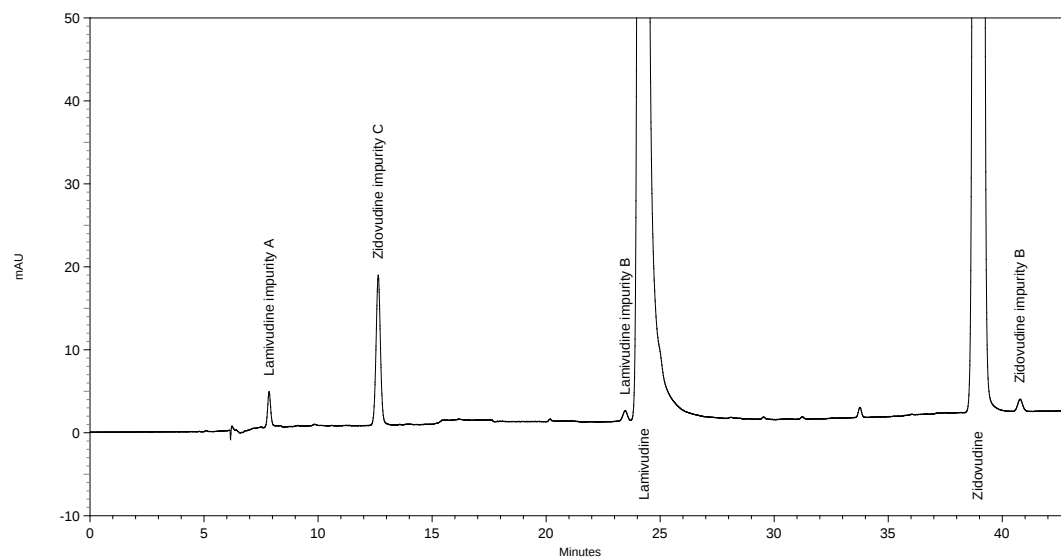
Typical chromatogram for solution (5) in the Related Substances test for Zidovudine and Lamivudine Tablets as published in BP 2016.



The chromatogram shows a two large peaks zidovudine (off scale at 500 mAU) at 24.0 minutes, lamivudine (off scale at 500 mAU) at 39 minutes and eleven small peaks due to lamivudine impurity E (260 mAU) at 5.0 minutes, lamivudine impurity F (290 mAU) at 6.5 minutes, lamivudine impurity A (100 mAU) at 7.8 minutes, lamivudine impurity H (160 mAU) at 9.0 minutes, lamivudine impurity G (80 mAU) at 10.0 minutes, zidovudine impurity C (230 mAU) at 9.9 minutes, lamivudine impurity B (50 mAU) at 23.5 minutes, Thymidine (zidovudine impurity) (170AU) at 25.0 minutes, lamivudine impurity J (160 mAU) at 28.0 minutes, lamivudine impurity C (10 mAU) at 32.9 minutes and zidovudine impurity B(40 mAU) at 40.8 minutes.



Typical chromatogram for solution (1) in the Related Substances test for Zidovudine and Lamivudine Tablets as published in BP 2016.



The chromatogram shows a two large peaks: zidovudine (off scale at 50 mAU) at 24 minutes, lamivudine (off scale at 50 mAU) at 39 minutes and four small peaks due to lamivudine impurity A (4 mAU) at 7.8 minutes, zidovudine impurity C (18 mAU) at 12.5 minutes, lamivudine impurity B (1 mAU) at 23.5 minutes and zidovudine impurity B (2 mAU) at 40.8 minutes.