

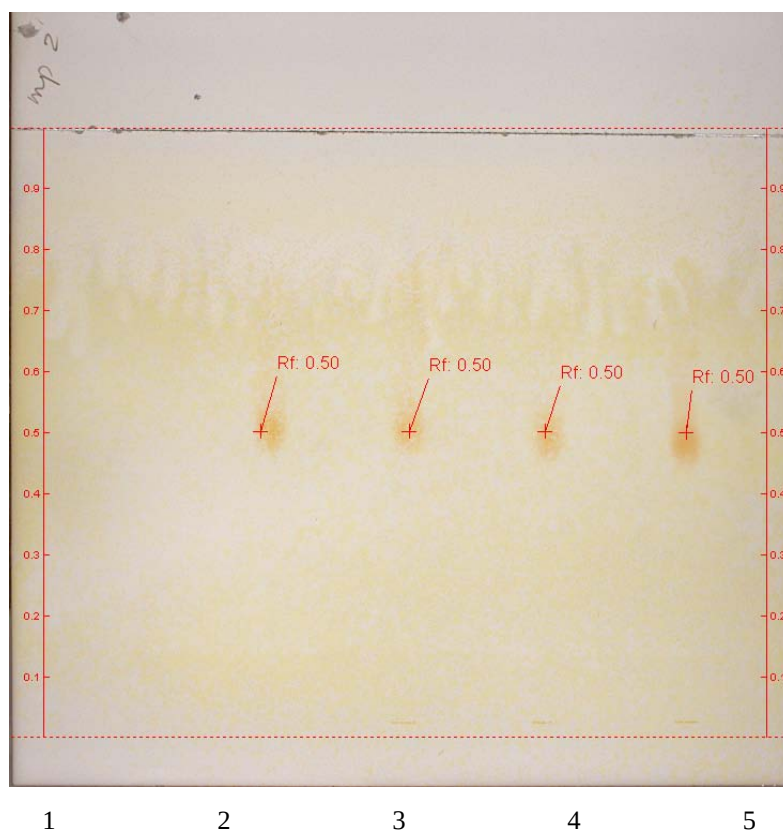


Trospium Chloride Tablets – BP 2015

This chromatogram is provided for information only as an aid to analysts and intended as guidance for the interpretation and application of BP monographs.

Example chromatogram for solutions (1) and (2) in Identification A for Trospium Chloride Tablets as published in the BP 2015.

1. Blank (methanol)
2. 0.1% w/v solution of trospium chloride – solution (2)
3. 0.1% w/v solution of trospium chloride tablets – solution (1)
4. 0.1% w/v solution of trospium chloride tablets – solution (1)
5. 0.1% w/v solution of trospium chloride tablets – solution (1)



TLC Plate:	: Merck TLC silica gel 60 F254, 250 µm, 20 cm × 20 cm
Mobile Phase:	: 1 volume of glacial acetic acid, 3.5 volumes of hydrochloric acid and 45 volumes of acetonitrile
Diluent:	: methanol
Application:	: 10 µL
Development:	: 15 cm from the point of application
Drying:	: Dried in air
Detection :	: Potassium iodobismuthate solution and 0.5% w/v solution of sodium nitrate
Development time:	: Approx 1 hour and 10 minutes