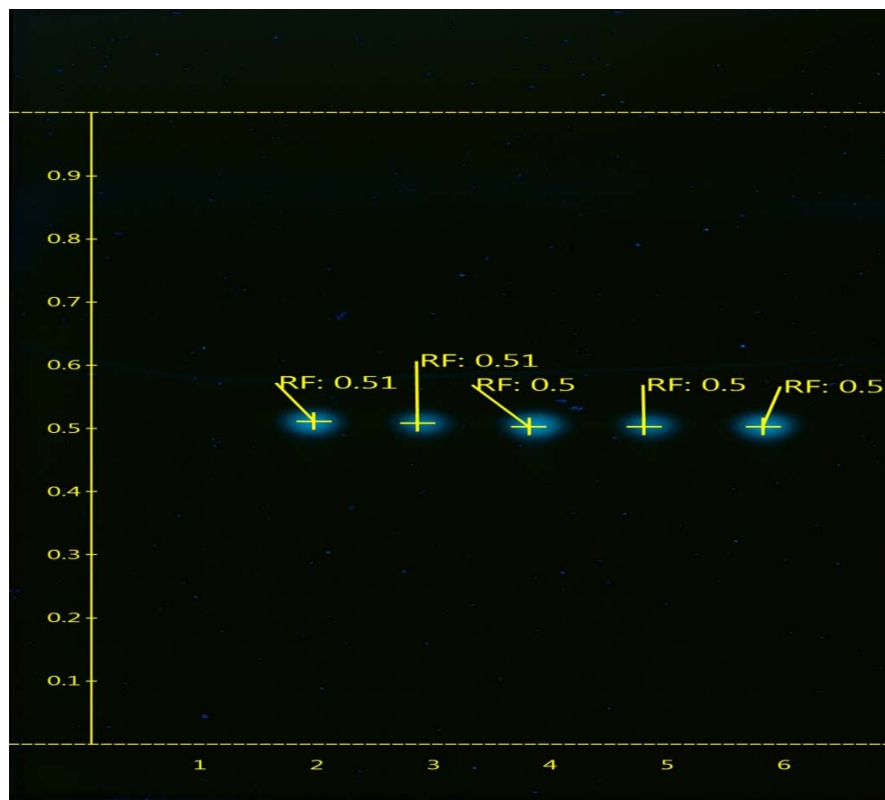


Moxifloxacin Intracameral Injection – BP 2019

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

Typical chromatogram for the Identification test for Moxifloxacin Intracameral Injection by Thin Layer Chromatography as published in the BP 2019.



- 1 Blank
- 2 0.004% w/v moxifloxacin intracameral injection sample solution
- 3 Other sample/standard solutions
- 4 0.004% w/v moxifloxacin hydrochloride standard solution
- 5 Other sample/standard solutions
- 6 System suitability test solution containing equal volumes of 0.004% w/v of moxifloxacin hydrochloride standard and moxifloxacin intracameral injection sample



British Pharmacopoeia

TLC plate	Merck TLC silica gel 60 F ₂₅₄ plate, 20 cm × 20 cm
Plate preconditioning	N/A
Diluent	Methanol
Mobile Phase	6M ammonia, butanol, methanol (2:4:4 v/v/v)
Mobile Phase volume	100 mL
Band application	3 mm band size with a spotting volume of 5 µL
Chamber saturation	Minimum 60 minutes at room temperature
Development	150 mm
Development time	210 minutes
Drying time	Approximately 5 minutes in air
Derivatisation	N/A
Visualisation	Developed plates was examined under UV light at 366 nm