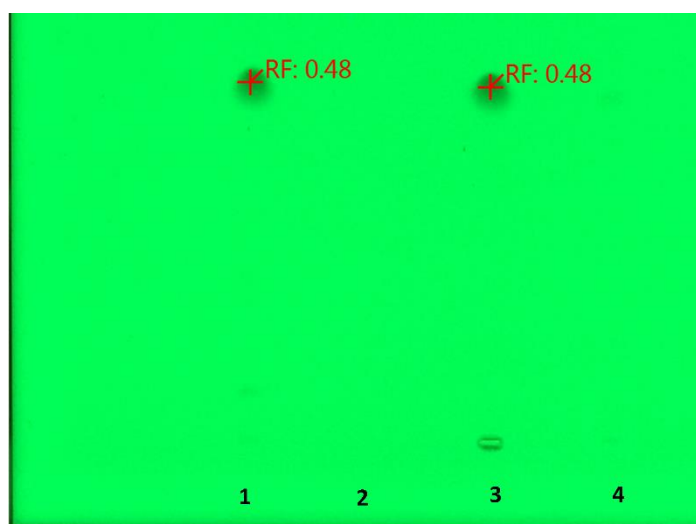


Fusidic Acid Eye Oral Suspension – BP 2021

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

Typical chromatogram for the Identification test for Fusidic Acid Eye Drops by Thin Layer Chromatography as published in BP 2021.



1	0.5% w/v diethanolamine fusidate
2 & 4	Blank (ethanol 96%)
3	Eye Drops 0.4 % w/v solution

TLC plate	Merck TLC silica gel 60 F ₂₅₄ Plate, 20 cm × 20 cm
Plate preconditioning	Pre-heated at 105° for 15 minutes
Diluent	Ethanol (96%)
Mobile Phase	Methanol: glacial acetic acid: cyclohexane: dichloromethane (2.5: 10: 10: 80, v/v/v/v)
Mobile Phase volume	100 mL
Band application	3 mm band size with a spotting volume of 10 µL
Chamber saturation	Minimum 60 minutes at room temperature
Development	125 mm
Development time	38 minutes
Drying time	60 minutes in air
Visualisation	Developed plate examined under UV light (254 nm)