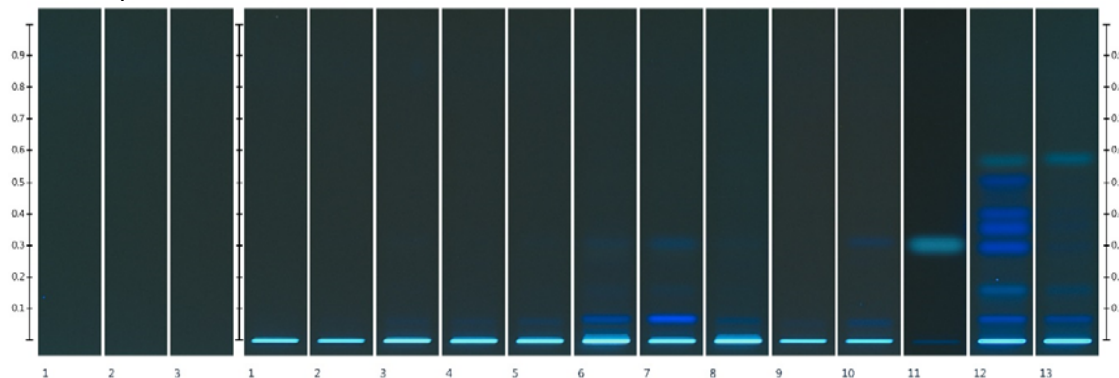


Glehnia Littoralis Root – BP 2019

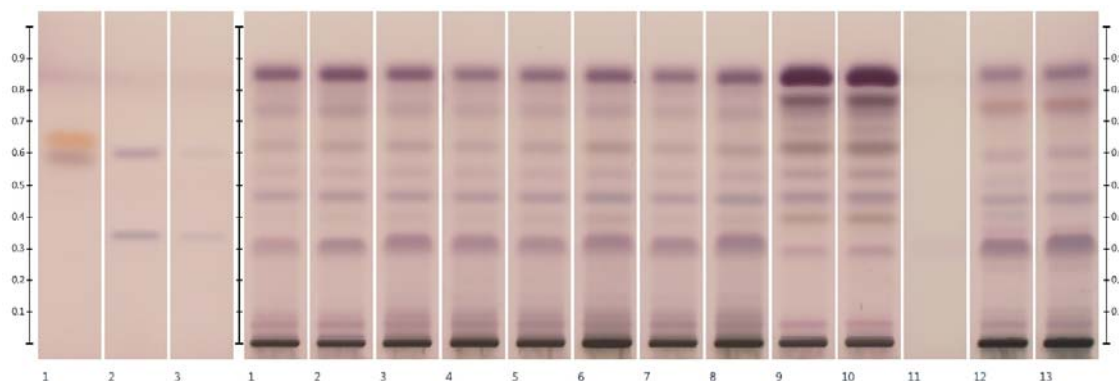
This chromatogram is provided for information only as an aid to analysts and intended as guidance for the interpretation and application of BP monographs.

Example chromatogram for Identification C in Glehnia Littoralis Root as published in BP 2019.

Under 366 nm prior to derivatisation



Under WRT after derivatisation



Tracks	Type of solution
1 (on the left)	SST- Solution (4)
2 (on the left)	Reference solution- Solution (2)
3 (on the left)	Reference solution- Solution (3)
11 (on the right)	Bergapten- Solution (5)
1-10 (on the right)	<i>G. littoralis</i> test solutions- Solution (1)
12-13 (on the right)	<i>Adenophora</i> test solutions- Solution (1)



British Pharmacopoeia

HPTLC plate	: Merck, HPTLC silica 60 F ₂₅₄ plate, 20x10 cm
Mobile phase	: Ethyl acetate, cyclohexane (1:2 v/v)
Application volume	: 18 µL of solution (1) and 2 µL of solutions (2) to (5) as 8 mm bands
Humidity control	: 10 minutes (relative humidity 33%)
Development	: 70 mm from the lower edge of the plate
Drying time	: 5 minutes (with pre-drying)
Derivatisation	: Dipping in anisaldehyde reagent and then heating at 100° for 5 minutes
Detection	: Prior to derivatisation under 366 nm Post-derivatisation under white light (WRT)