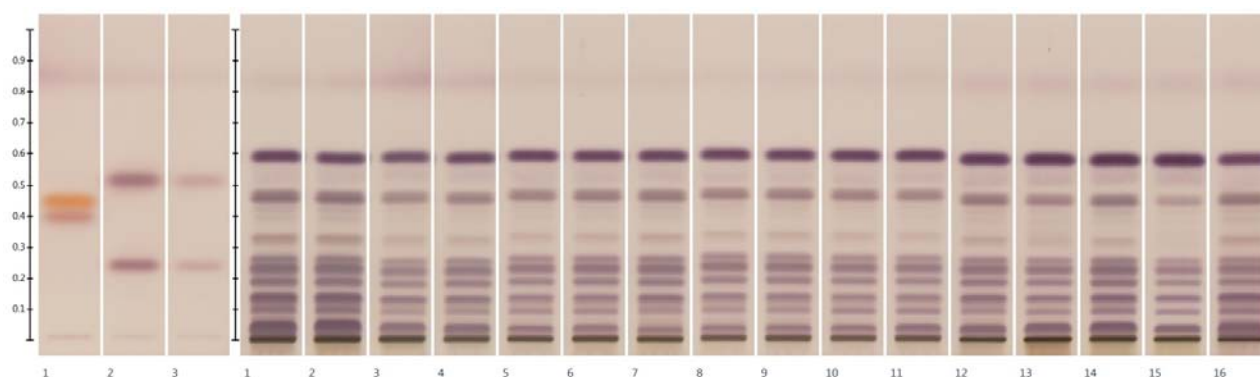


Tribulus Terrestris Fruit– BP 2018

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 Tribulus Terrestris Fruit as published in BP 2018.



Tracks	Type of solution
1-16 (right)	Test solutions- Solution (1)
1 (left)	SST- Solution (7)
2 (left)	Reference solution- Solutions (2) and (3)
3 (left)	Reference solution- Solutions (4) and (5)

HPTLC plate	:Merck, HPTLC silica 60 F ₂₅₄ plate, 20x10 cm
Mobile phase	:Toluene, ethyl acetate (95:5)
Application volume	:5 µl of solution (1) and 2 µl each of solutions (2) to (5) and solution (7) as 8 mm-bands.
Humidity control	:10 minutes (relative humidity 33%).
Development	:70mm from the lower edge of the plate.
Drying time	:5 minutes (with pre-drying).
Derivatisation	:Dipping in anisaldehyde reagent (s:3; t:0) and then heating at 100° for 3 minutes.
Detection	:Post-derivatisation under white light (WRT).