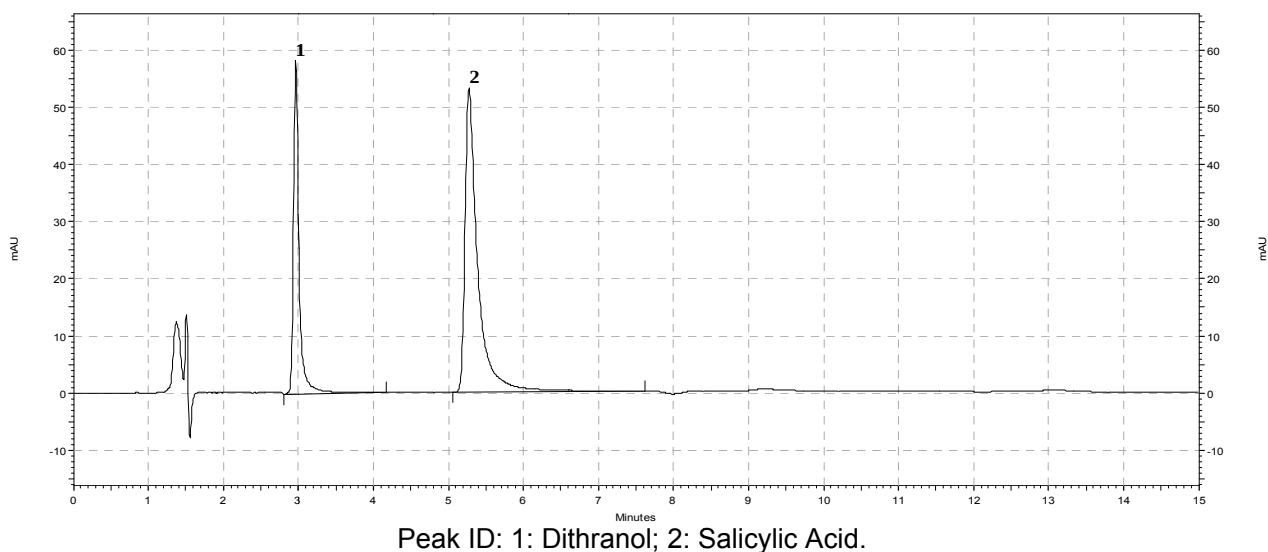




Dithranol & Salicylic Acid Ointment – BP 2017

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

Typical chromatogram for solution (1) at 302 nm in the Assay for Salicylic Acid as published in BP 2017.



Column : Spherisorb Silica (250 mm × 4.6 mm, 5 µm).
Mobile Phase A: : Glacial acetic acid: dichloromethane: hexane (1:10:80 v/v/v)
Mobile Phase B: : Glacial acetic acid: dichloromethane: hexane (2:10:80 v/v/v)
Diluent : Glacial acetic acid: dichloromethane: hexane (1:20:100 v/v/v)
Flow Rate : 2.0 mL/min
Column Temp : 25 °C
Injection Volume : 20 µL
Detection : 302 nm
Gradient programme:

Time (mins)	Mobile phase A (% v/v)	Mobile phase B (% v/v)	Comments
0 - 5	100	0	Isocratic
5 - 6	50	50	Linear gradient
6 - 10	50	50	Isocratic
10 - 10.1	100	0	Linear gradient
10.1 - 15	100	0	Re-equilibration