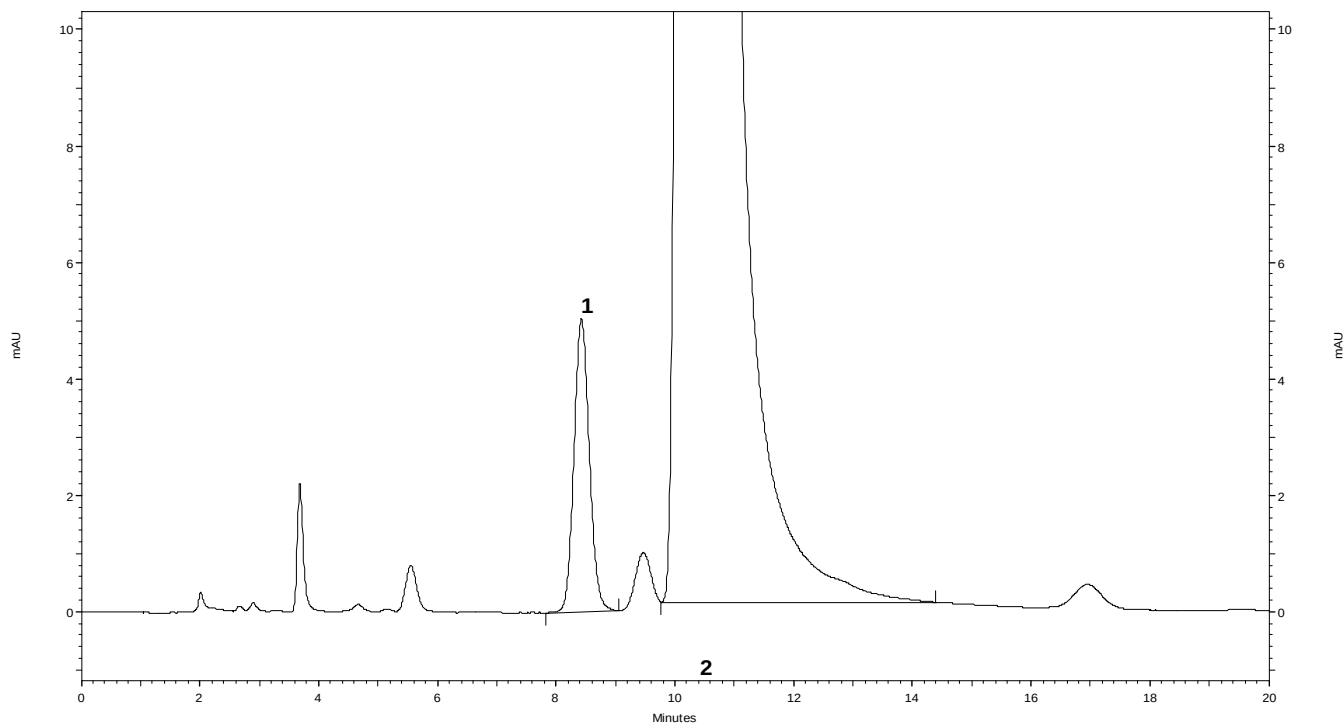


Carprofen Tablets (vet) – BP 2018

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.

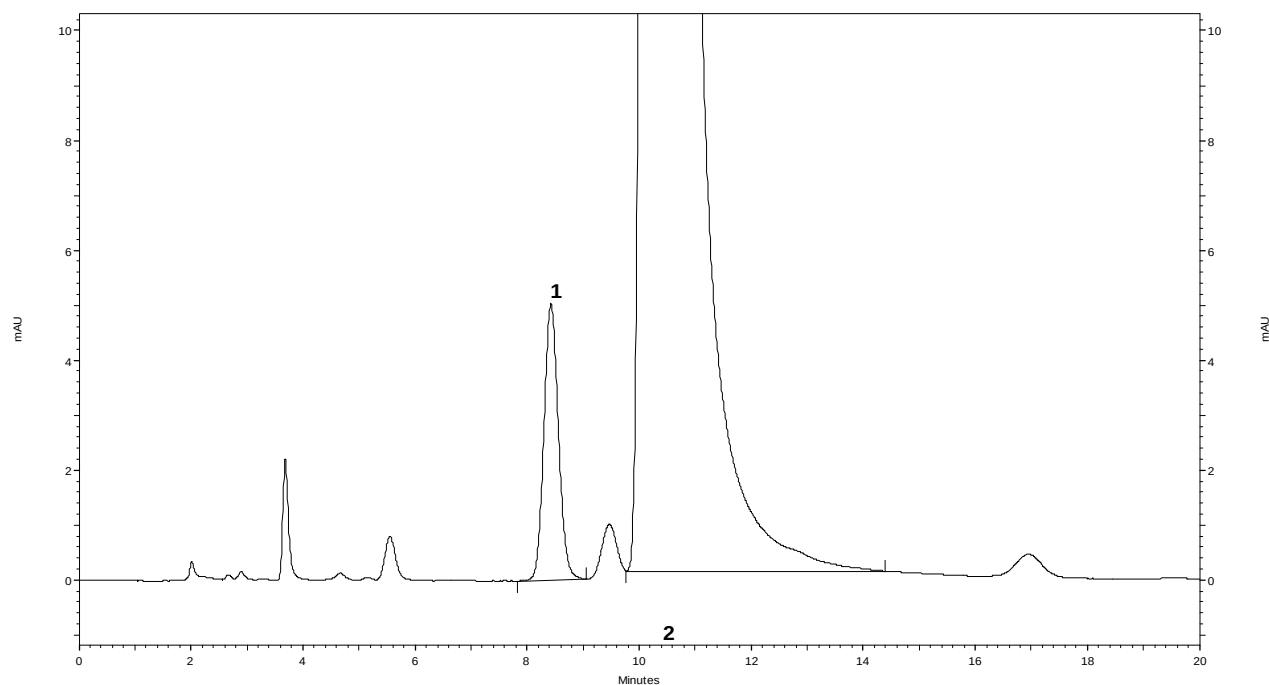
Typical chromatogram for solution (3) in the Related Substances test for Carprofen Tablets as published in BP 2018.



Peak ID: 1: Impurity C; 2: Carprofen

Column	: Waters C18 XTerra RP (250 mm x 4.6 mm, 5 µm)
Method Ref.	: Related substances method from the draft Carprofen Tablets monograph
Mobile Phase	: A solution of 300 volumes of 0.136 % w/v potassium dihydrogen phosphate, adjusted to pH 3.0 with orthophosphoric acid, and 700 volumes of methanol
Diluent	: Mobile phase
Flow Rate	: 1.3 mL/min
Column Temp	: 25°C
Injection Volume	: 20 µL
Detection	: UV, 235 nm

Typical chromatogram for solution (3) in the Assay test for Carprofen Tablets as published in BP 2018.



Peak ID: 1: Impurity C; 2: Carprofen

Column	: Waters C18 XTerra RP (250 mm x 4.6 mm, 5 μ m)
Method Ref.	: Assay method from the draft Carprofen Tablets monograph
Mobile Phase	: A solution of 300 volumes of 0.136 % w/v potassium dihydrogen phosphate, adjusted to pH 3.0 with orthophosphoric acid, and 700 volumes of methanol
Diluent	: Mobile phase
Flow Rate	: 1.3 mL/min
Column Temp	: 25°C
Injection Volume	: 20 μ L
Detection	: UV, 235 nm