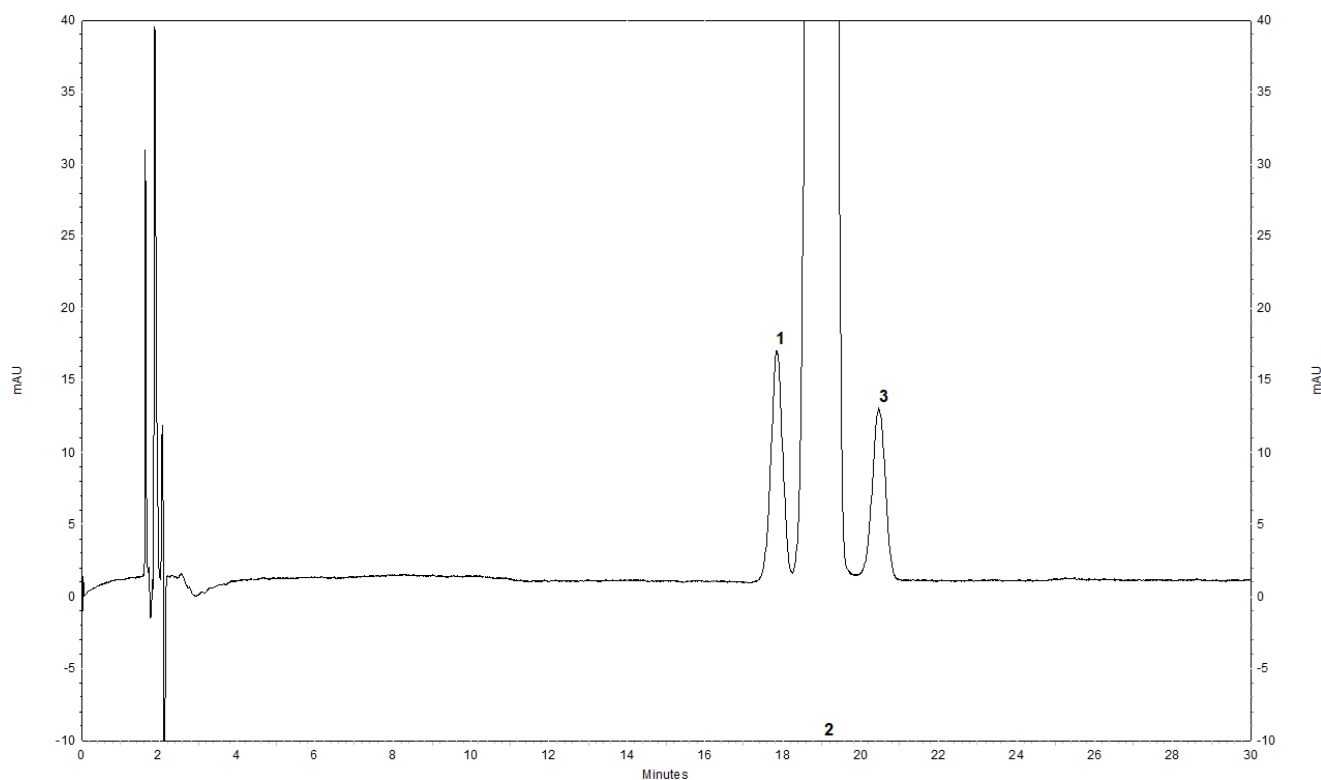


Celecoxib Capsules – BP 2020

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 Celecoxib Capsules as published in BP 2020.

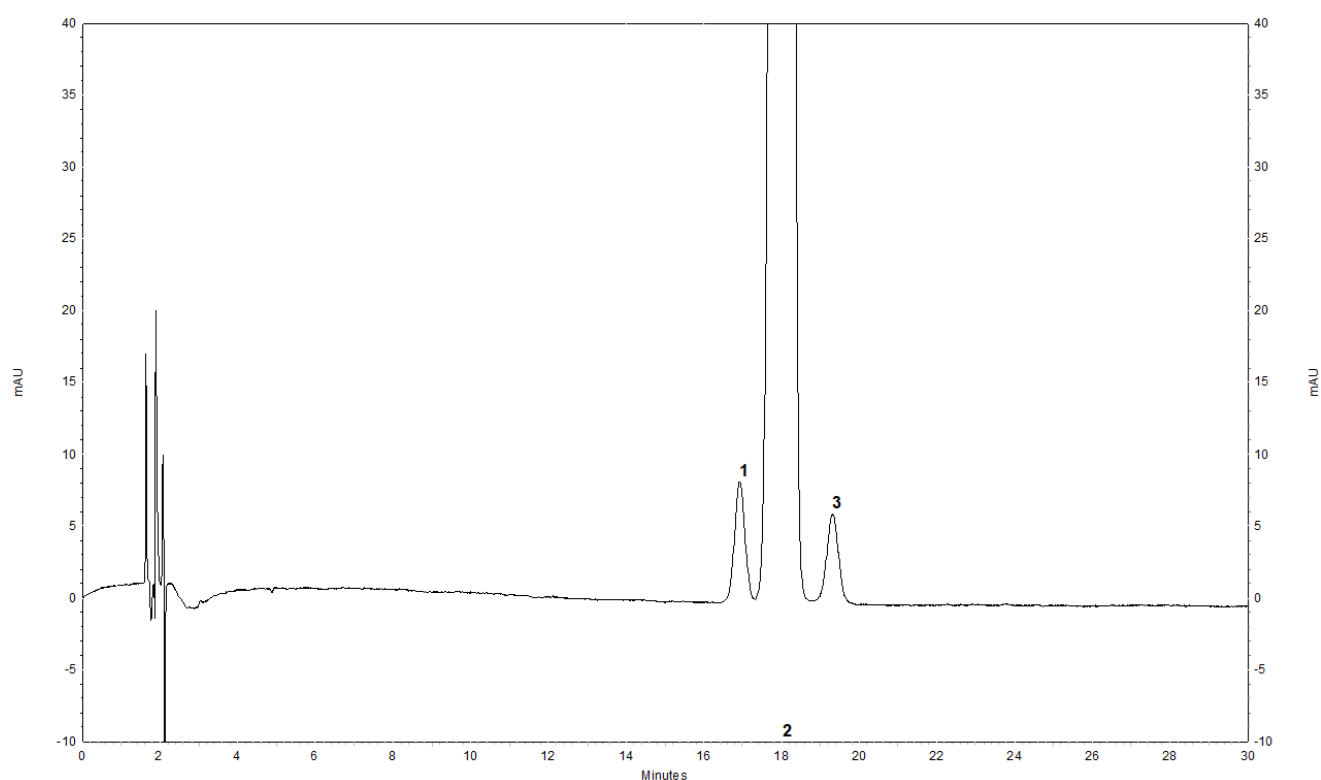


Peak ID: 1: Impurity A; 2: Celecoxib; 3: Impurity B

Column	Supelco, Supelcosil, LC-DP (250 mm x 4.6 mm, 5 µm)
Method Ref.	Related substances for the Celecoxib Capsules monograph from BP 2020
Mobile Phase	Acetonitrile : methanol : buffer (10 : 30 : 60, v/v/v)
Buffer	2.7 g/L solution of potassium dihydrogen phosphate adjusted to pH 3.0 with orthophosphoric acid

Diluent	Water : methanol (25 : 75, v/v)
Flow rate	1.5 mL/min
Column Temp	60 °C
Injection Volume	10 µL
Detection	UV, 215 nm

Typical chromatogram for solution (3) in the Assay test for Celecoxib Capsules as published in BP 2020.



Peak ID: 1: Impurity A; 2: Celecoxib; 3: Impurity B

Column	Supelco, Supelcosil, LC-DP (250 mm x 4.6 mm, 5 µm)
Method Ref.	Related substances for the Celecoxib Capsules monograph from BP 2020
Mobile Phase	Acetonitrile : methanol : buffer (10 : 30 : 60, v/v/v)
Buffer	2.7 g/L solution of potassium dihydrogen phosphate adjusted to pH 3.0 with orthophosphoric acid

Diluent	Water : methanol (25 : 75, v/v)
Flow rate	1.5 mL/min
Column Temp	60 °C
Injection Volume	5 µL
Detection	UV, 215 nm