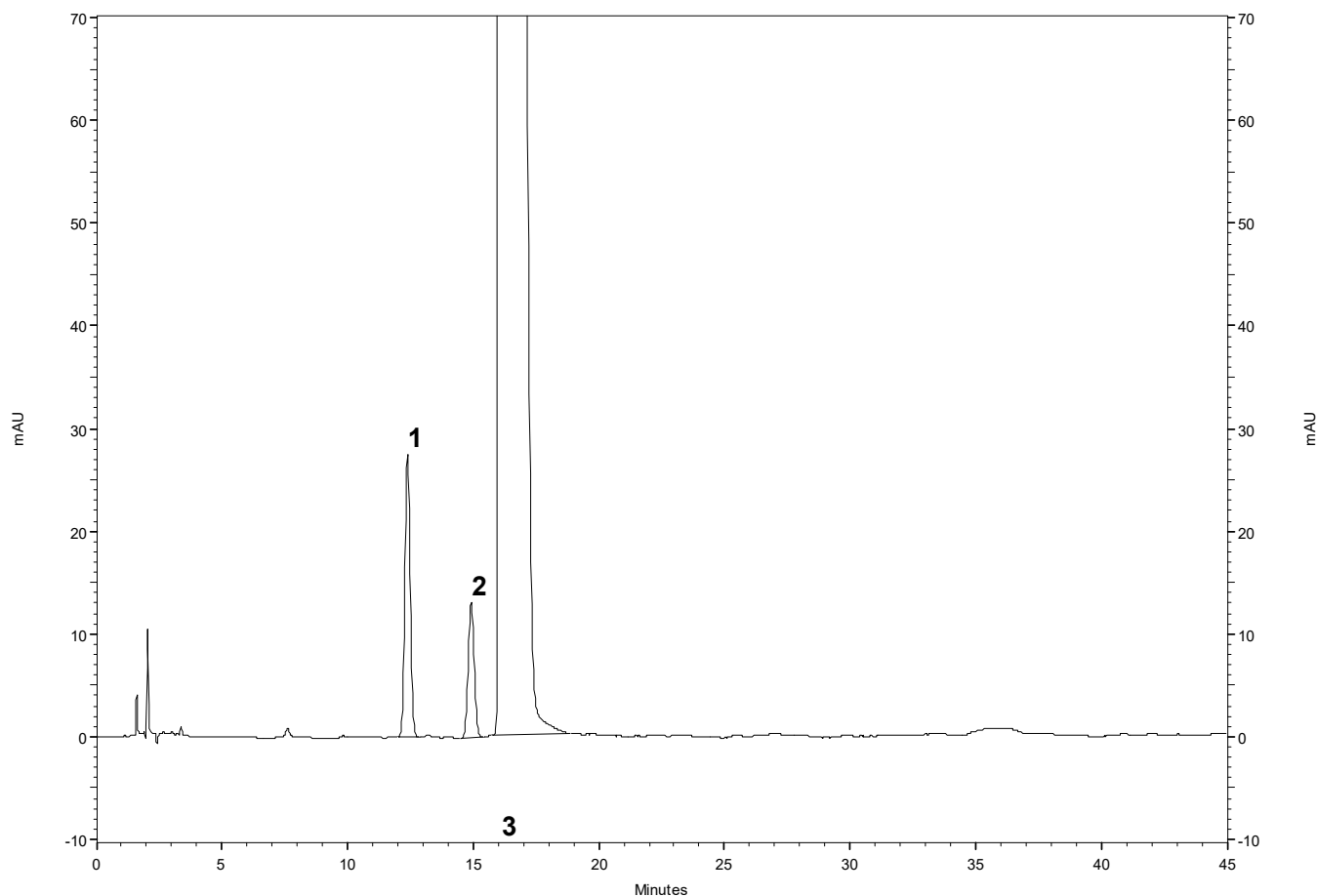




Tamoxifen Oral Solution – BP 2020

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 Tamoxifen Oral Solution as published in BP 2020.

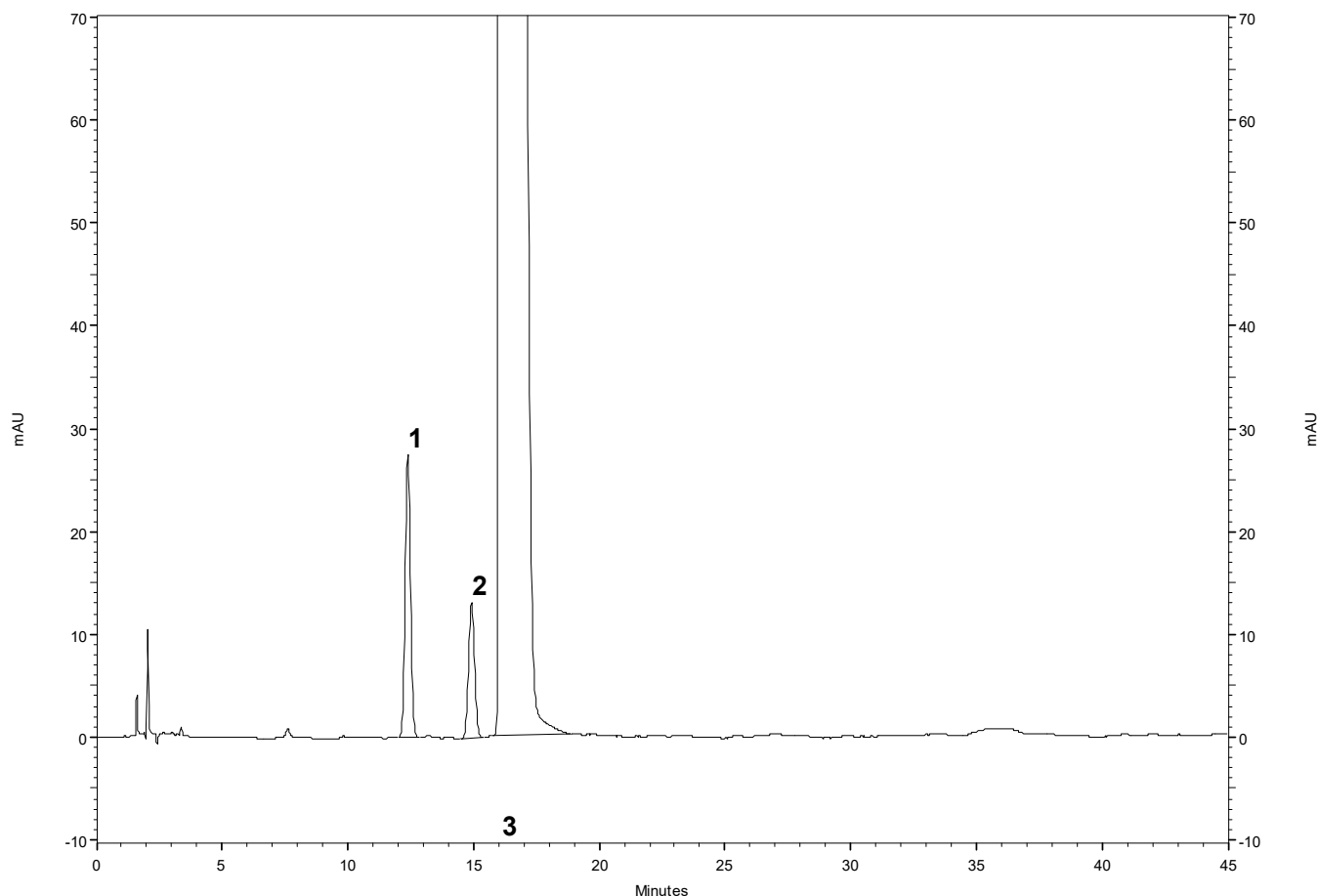


Peak ID: 1: E-isomer; 2: Impurity F; 3: Tamoxifen

Column	: Columbus C18 (250 mm x 4.6 mm, 5 µm)
Method Ref.	: Related Substances for the Tamoxifen Oral Solution monograph from BP 2020
Mobile Phase	: Acetonitrile : buffer (40:60, v/v). The apparent pH was adjusted to 3.0 with orthophosphoric acid.
Buffer	: Solution of 0.09 % w/v of sodium dihydrogen orthophosphate and 0.48 % w/v of N,N-dimethyloctylamine
Diluent	: Mobile phase
Flow rate	: 1.2 mL/min
Column Temp	: 25 °C
Injection Volume	: 20 µL
Detection	: 240 nm



Typical chromatogram for solution (3) in the Assay test for Tamoxifen Oral Solution as published in BP 2020.



Peak ID: 1: E-isomer; 2: Impurity F; 3: Tamoxifen

Column	: Columbus C18 (250 mm x 4.6 mm, 5 µm)
Method Ref.	: Assay for the Tamoxifen Oral Solution monograph from BP 2020
Mobile Phase	: Acetonitrile : buffer (40:60, v/v). The apparent pH was adjusted to 3.0 with orthophosphoric acid.
Buffer	: Solution of 0.09 % w/v of sodium dihydrogen orthophosphate and 0.48 % w/v of N,N-dimethyloctylamine
Diluent	: Mobile phase
Flow rate	: 1.2 mL/min
Column Temp	: 25 °C
Injection Volume	: 20 µL
Detection	: 240 nm