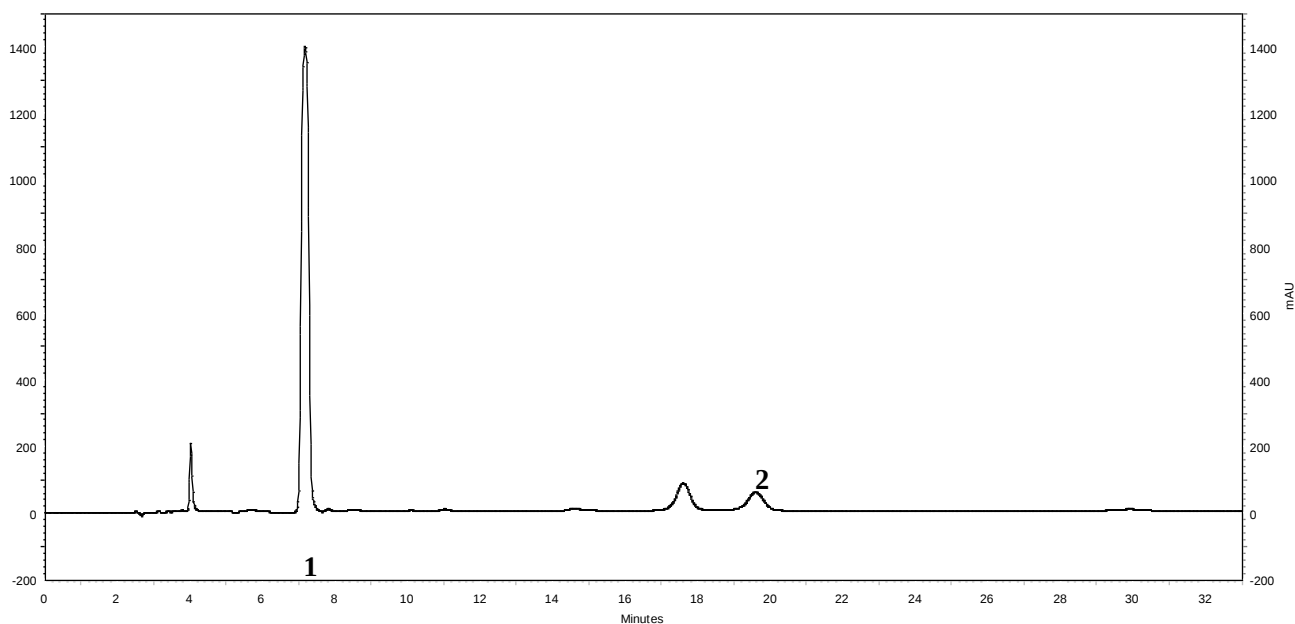




Lisinopril Oral Solution – BP 2021

This chromatogram is provided for information only as an aid to analysts and is intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (4) in the Related substances test for Lisinopril Oral Solution as published in BP 2021.



Peak ID: 1: Lisinopril Dihydrate; 2: Lisinopril Diketopiperazine

Column : Synergi Hydro-RP C18 (250 mm x 4.6 mm, 4 µm)
Method Ref. : Related Substances for the Lisinopril Oral Solution monograph from BP 2021
Mobile Phase A : Methanol : Buffer (25:75, v/v)
Mobile Phase B : Acetonitrile
Buffer : 0.685 % w/v sodium dihydrogen orthophosphate, 0.105 % w/v disodium hydrogen orthophosphate dihydrate and 0.34 % w/v tertbutylammonium hydrogen sulfate in water, adjusted to pH 5.7 with 5 M sodium hydroxide
Diluent : Mobile phase A
Gradient :

Time (min)	Mobile Phase A (%)	Mobile Phase B (%)
0-30	100	0
30-31	100-50	0-50
31-39	50	50
39-40	50-100	50-0
40-60	100	0

Flow rate : 1.0 mL/min
Column Temp : 35 °C
Injection Volume : 20 µL
Detection : 210 nm