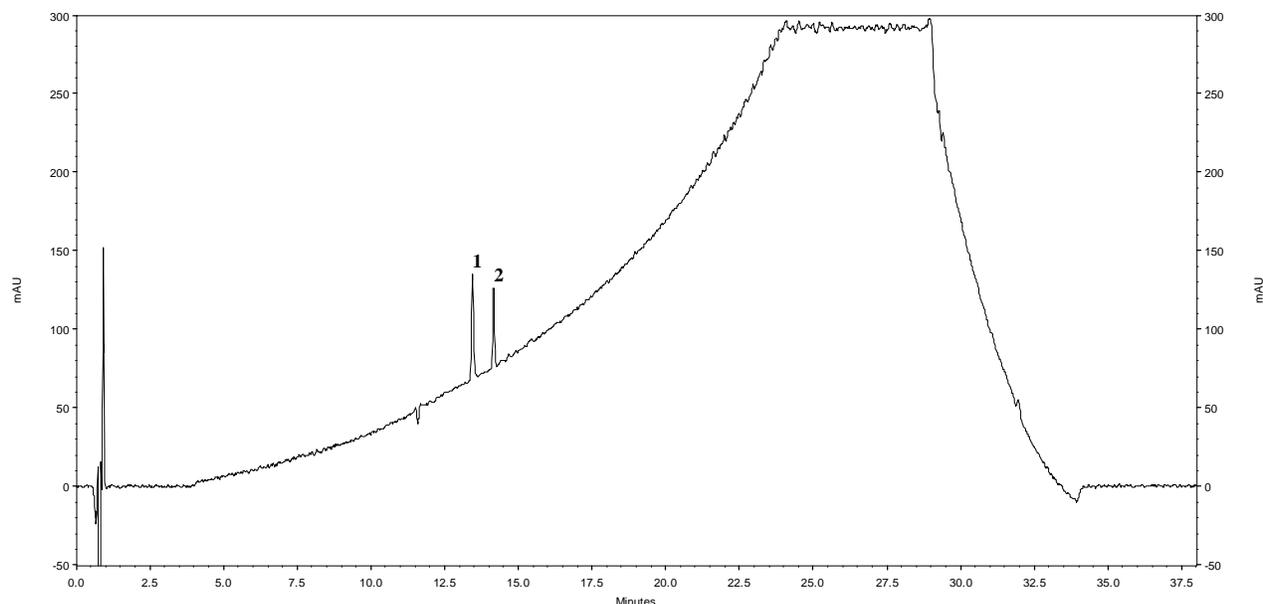




Cinnarizine Tablets – BP 2019

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 Cinnarizine Tablets as published in BP 2019.



Peak ID: 1: Cinnarizine; 2: Flunarizine.

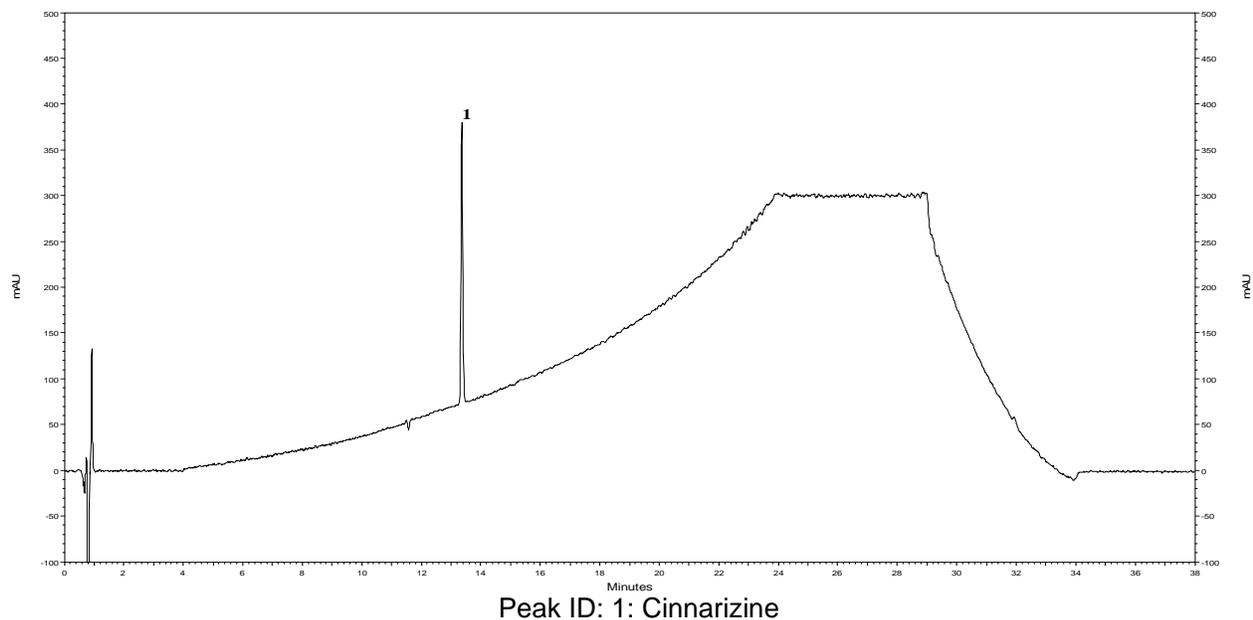
Column : Hypersil BDS, C18 (100 mm x 4.6 mm, 3 μ m)
Mobile Phase A : 1.0 % w/v ammonium acetate
Mobile Phase B : 0.2 % v/v glacial acetic acid in acetonitrile
Gradient :

| Time (minutes) | Mobile phase A (% v/v) | Mobile phase B (% v/v) |
|----------------|------------------------|------------------------|
| 0 - 3 | 75 | 25 |
| 3 - 23 | 75 - 10 | 25 - 90 |
| 23 - 28 | 10 | 90 |
| 28 - 33 | 10 - 75 | 90 - 25 |
| 33 - 38 | 75 | 25 |

Diluent : Methanol
Flow Rate : 1.5 mL/min
Column Temp : 25°C
Injection Volume : 10 μ L
Detection : UV, 230 nm



Typical chromatogram for solution (2) in the Assay test for Cinnarizine Tablets as published in BP 2019.



Column : Hypersil BDS, C18 (100 mm x 4.6 mm, 3 µm)
Mobile Phase A : 1.0 % w/v ammonium acetate
Mobile Phase B : 0.2 % v/v glacial acetic acid in acetonitrile
Gradient :

| Time (minutes) | Mobile phase A (% v/v) | Mobile phase B (% v/v) |
|----------------|------------------------|------------------------|
| 0 - 3 | 75 | 25 |
| 3 - 23 | 75 - 10 | 25 - 90 |
| 23 - 28 | 10 | 90 |
| 28 - 33 | 10 - 75 | 90 - 25 |
| 33 - 38 | 75 | 25 |

Diluent : Methanol
Flow Rate : 1.5 mL/min
Column Temp : 25°C
Injection Volume : 10 µL
Detection : UV, 230 nm