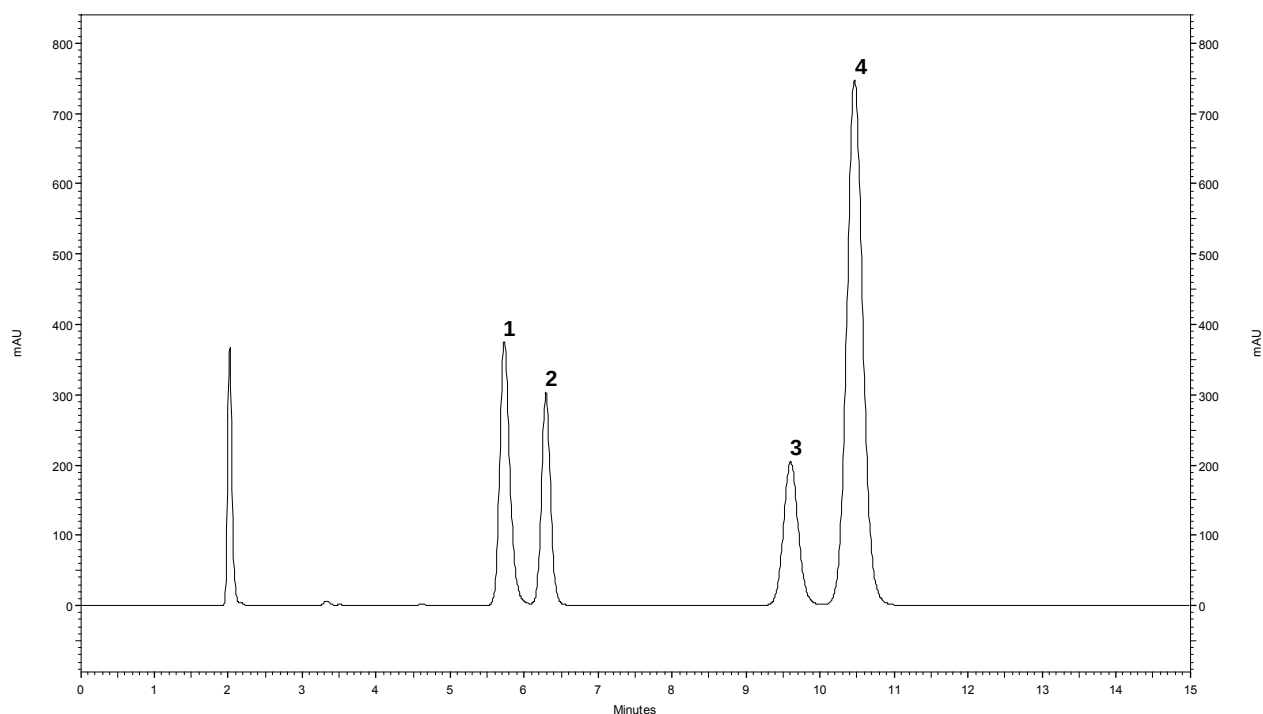




Quetiapine Prolonged-Release Tablets – BP 2019

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 Quetiapine Prolonged-Release Tablets as published in BP 2019 (note that this chromatogram has additionally been spiked with impurity H which is not a requirement in the BP monograph).



Peak ID: 1: Impurity H; 2: Impurity G; 3: Impurity I; 4: Quetiapine.

Column	: Hypersil Gold C8 (250 mm × 4.6 mm, 5 µm)
Mobile Phase	: Acetonitrile : 0.26 % w/v diammonium hydrogen orthophosphate : methanol (7:39:54 v/v/v)
Diluent	: Mobile phase
Flow Rate	: 1.3 mL/min
Column Temp	: 25°C
Injection Volume	: 30 µL
Detection	: UV, 230 nm