



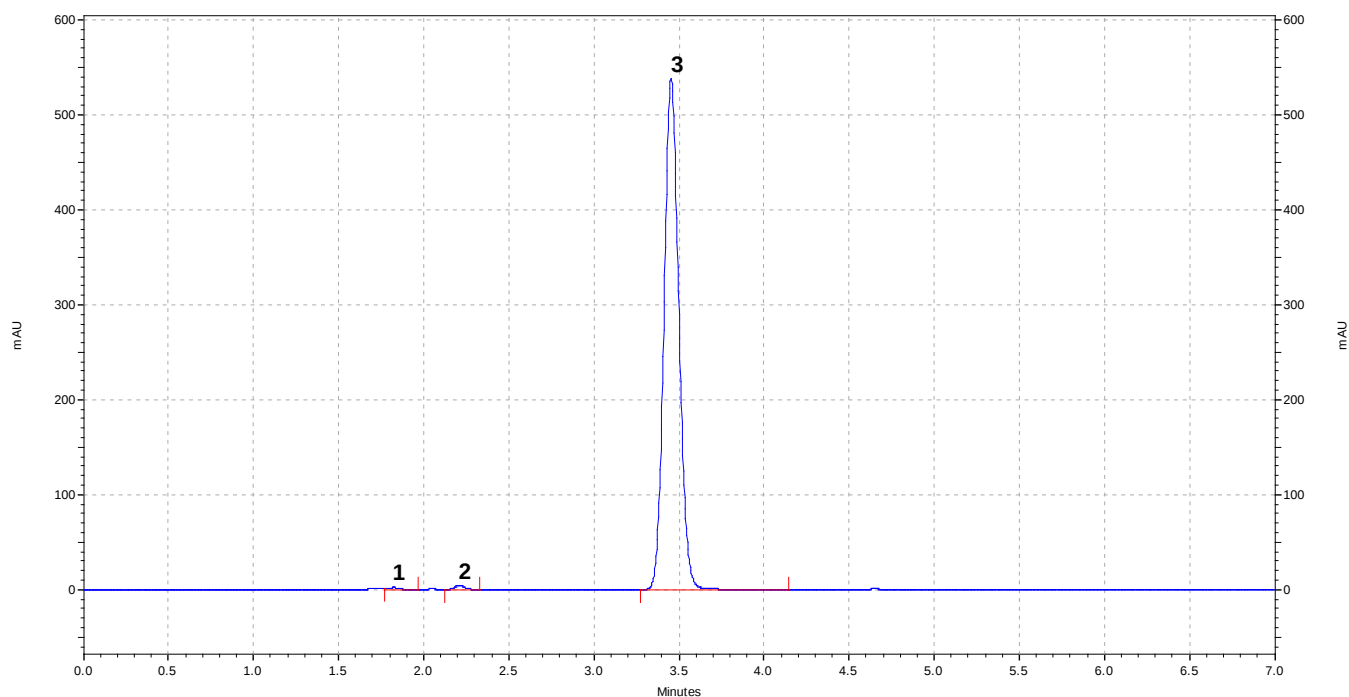
Olanzapine Tablets – BP 2016

These chromatograms are provided for information only as an aid to analysts and intended as guidance for the interpretation and application of BP monographs.

The chromatograms below were produced using the following conditions:

Column	: Inertsil ODS-3 (25 cm x 4.6 mm, 5µm)
Method Ref.	: Assay method for the Olanzapine Tablets monograph from BP 2016
Buffer	: 0.345% w/v sodium dihydrogen phosphate monohydrate adjusted to pH 6.8 with dilute sodium hydroxide.
Mobile Phase	: A mixture of 25 volumes of buffer and 75 volumes of a mixture of equal volumes of acetonitrile and methanol.
Diluent	: A mixture of 4 volumes of acetonitrile and 6 volumes of water.
Flow Rate	: 2.0 mL/min
Column Temp	: 25°C
Injection Volume	: 10 µL
Detection	: 250 nm

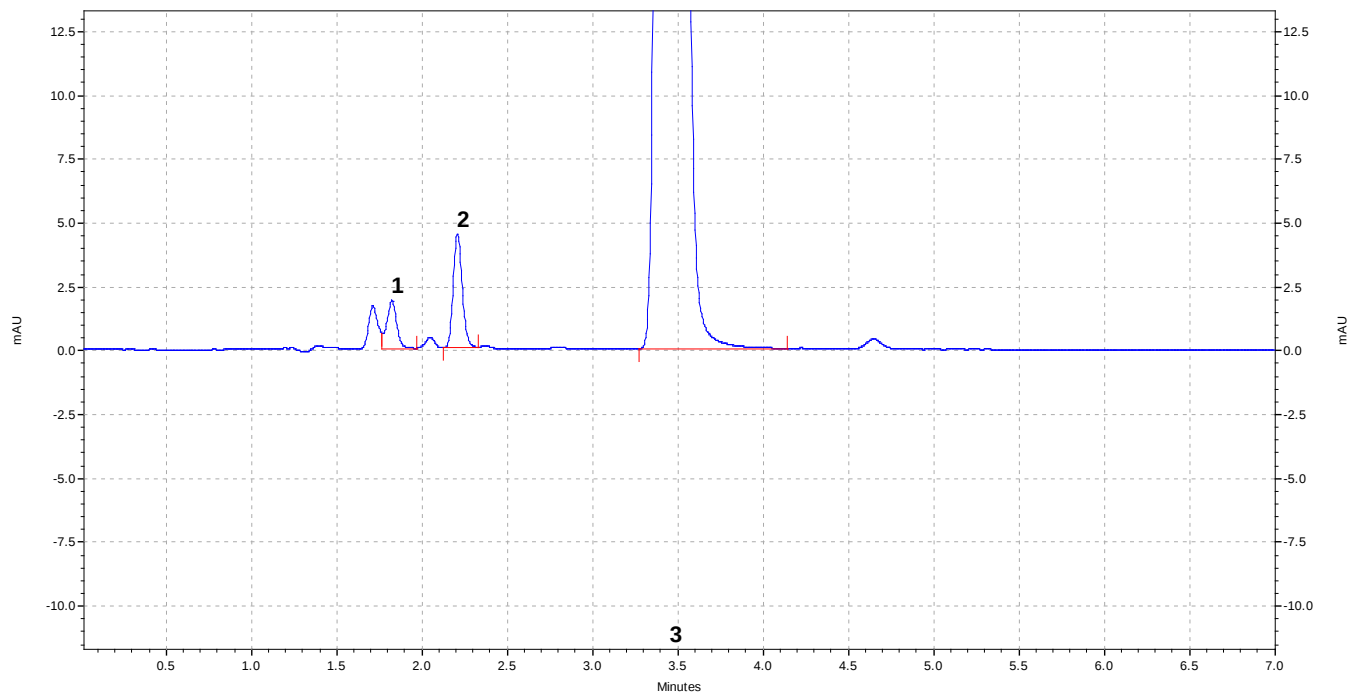
Typical chromatogram for solution (3) in the Assay for Olanzapine Tablets as published in BP 2016.



Peak ID: 1: Impurity D; 2: Impurity B; 3: Olanzapine



Typical chromatogram for solution (3) in the Assay for Olanzapine Tablets as published in BP 2016
(zoom on peaks of interest)



Peak ID: 1: Impurity D; 2: Impurity B; 3: Olanzapine