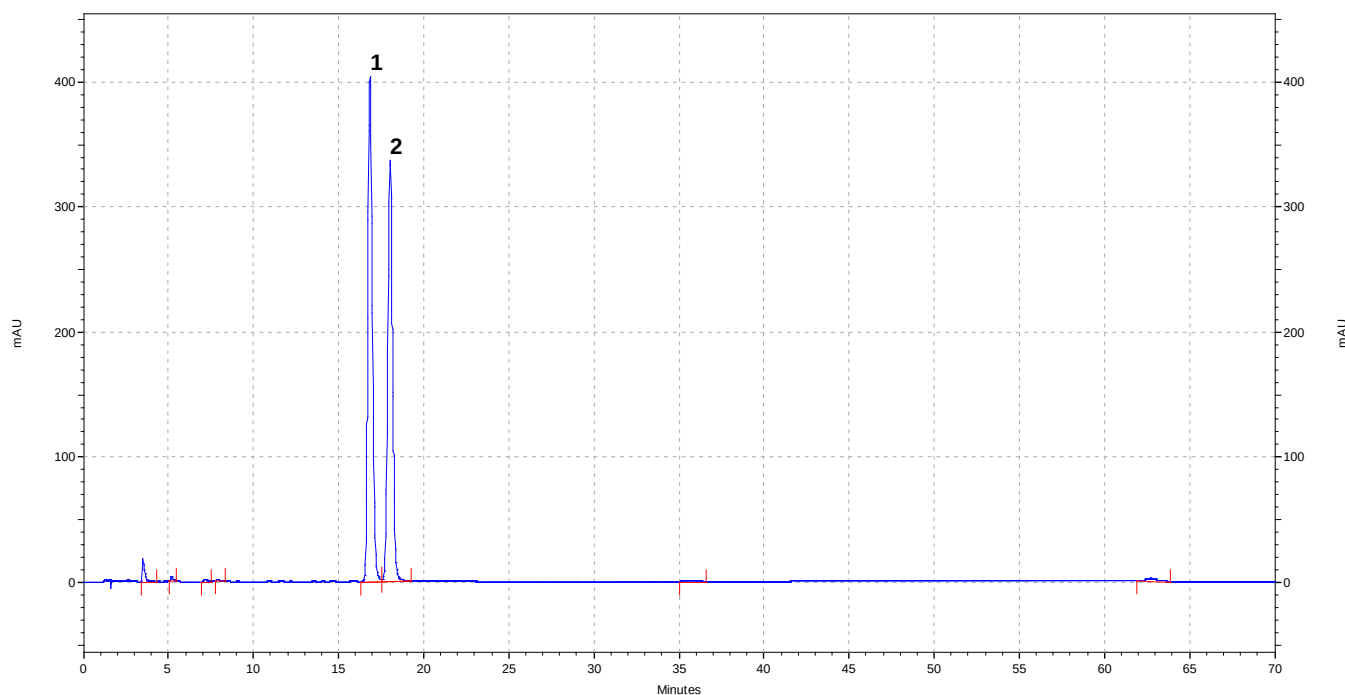




Budesonide Pressurised Inhalation – BP 2015

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

Typical chromatogram for solution (1) in the Related Substances test for Budesonide Pressurised Inhalation as published in BP 2015.



Peak ID: 1: Budesonide Epimer B; 2: Budesonide Epimer A.

Column : Spherisorb ODS2 (150 mm x 4.6 mm, 3 μ m)
Method Ref. : Related Substances method for the Budesonide Pressurised Inhalation monograph from BP 2015
Mobile Phase A : A mixture of 2 volumes of ethanol, 34 volumes of acetonitrile and 66 volumes of phosphate buffer pH 3.2.
Mobile Phase B : A mixture of equal volumes of acetonitrile and phosphate buffer pH 3.2.

Gradient	:	<table><tr><th>Time (min)</th><th>Mobile Phase A (% v/v)</th><th>Mobile Phase B (% v/v)</th></tr><tr><td>0-38</td><td>100</td><td>0</td></tr><tr><td>38-50</td><td>100-0</td><td>0-100</td></tr><tr><td>50-60</td><td>0</td><td>100</td></tr><tr><td>60-61</td><td>0-100</td><td>100-0</td></tr><tr><td>61-70</td><td>100</td><td>0</td></tr></table>	Time (min)	Mobile Phase A (% v/v)	Mobile Phase B (% v/v)	0-38	100	0	38-50	100-0	0-100	50-60	0	100	60-61	0-100	100-0	61-70	100	0
Time (min)	Mobile Phase A (% v/v)	Mobile Phase B (% v/v)																		
0-38	100	0																		
38-50	100-0	0-100																		
50-60	0	100																		
60-61	0-100	100-0																		
61-70	100	0																		

Diluent : A mixture of 34 volumes of acetonitrile and 66 volumes of phosphate buffer pH 3.2.
Flow Rate : 1.0 mL/min
Column Temp : 50°C
Injection Volume : 100 μ L
Detection : 240 nm