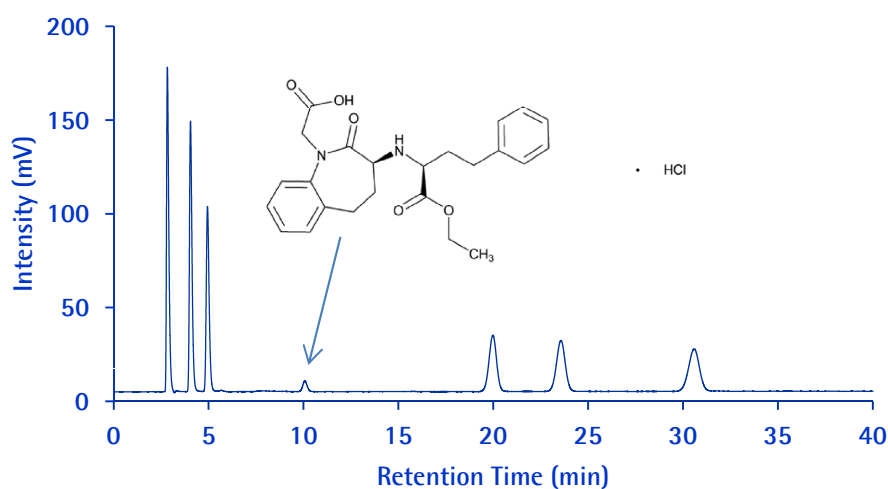


Benazepril HCl and Related Substances (USP)

Purospher®STAR RP-18 endcapped

Chromatographic Conditions

Column:	Purospher®STAR RP-18endcapped (5µm) 250x4.0 mm	1.50037.0001
Injection:	25 µL	
Detection:	UV 240 nm	
Cell:	10 µL	
Flow Rate:	1.0 mL/min	
Mobile Phase:	Buffer: 0.81 gram of tetrabutyl ammonium bromide in 360 mL water containing 0.2 mL acetic acid. Mix. buffer and Methanol 36:64 (v/v).	
Temperature:	Ambient	
Diluent	Mobile phase	
Sample:	Benazepril (1 ppm) + imp B, C, D, E, F and G (10 ppm each)	
Pressure Drop:	200 Bar (2900 psi)	



Chromatographic Data

No.	Compound	Time (min)	Relative Retention Time (RRT)	Resolution	Asymmetry (T _{USP})
1	Impurity E	2.8	0.3	0.0	1.6
2	Impurity F	4.0	0.4	5.3	1.4
3	Impurity C	4.9	0.5	3.5	1.3
4	Benazepril	10.1	1.0	14.7	1.1
5	Impurity B	20.0	2.0	17.1	1.0
6	Impurity D	23.6	2.3	4.5	1.0
7	Impurity G	30.6	3.0	7.3	1.0