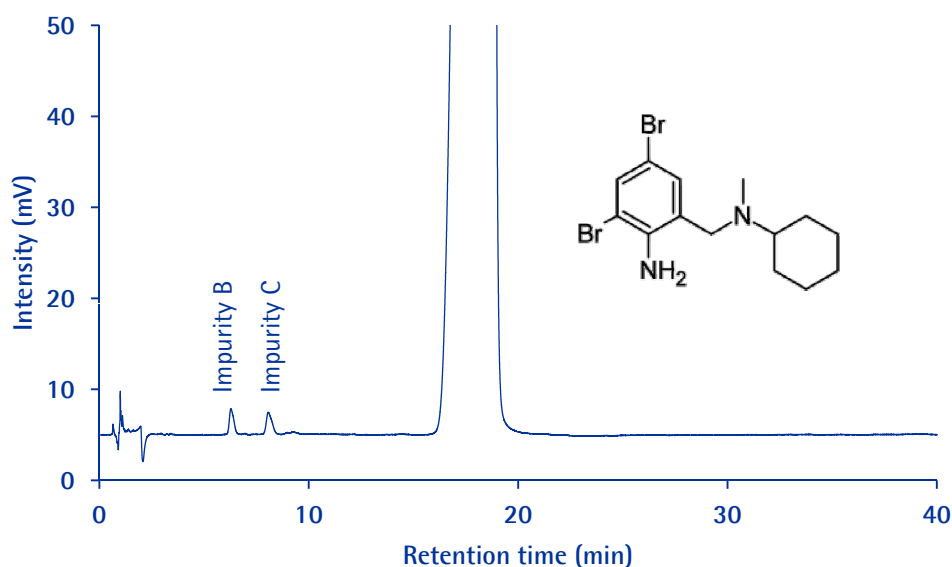


Bromhexine and Related Substances (BP)

Purospher® STAR RP-18 endcapped

Chromatographic Conditions

Column:	Purospher®STAR RP-18 endcapped (3µm) Hibar® RT 100x4.6 mm	1.50469.0001
Injection:	10 µL	
Detection:	UV 248 nm	
Cell:	10 µL	
Flow Rate:	1.0 mL/min	
Mobile Phase:	Add 0.5 mL orthophosphoric acid in 950 mL Milli-Q water. Adjust pH to 7.0 with triethylamine. Dilute solution to 1000 mL with Milli-Q water. Mix buffer and acetonitrile 20:80 (v/v)	
Temperature:	25 °C	
Diluent	Methanol	
Sample:	50 mg of sample in 10 mL of diluent (5000 ppm).	
Pressure Drop:	75 Bar (1087 psi)	



Chromatographic Data

No.	Compound	Retention Time (min)	Resolution	Relative Retention Time
1	Impurity B	6.3	0.0	0.34
2	Impurity C	8.1	4.0	0.44
3	Bromhexine	18.5	14.8	1.00