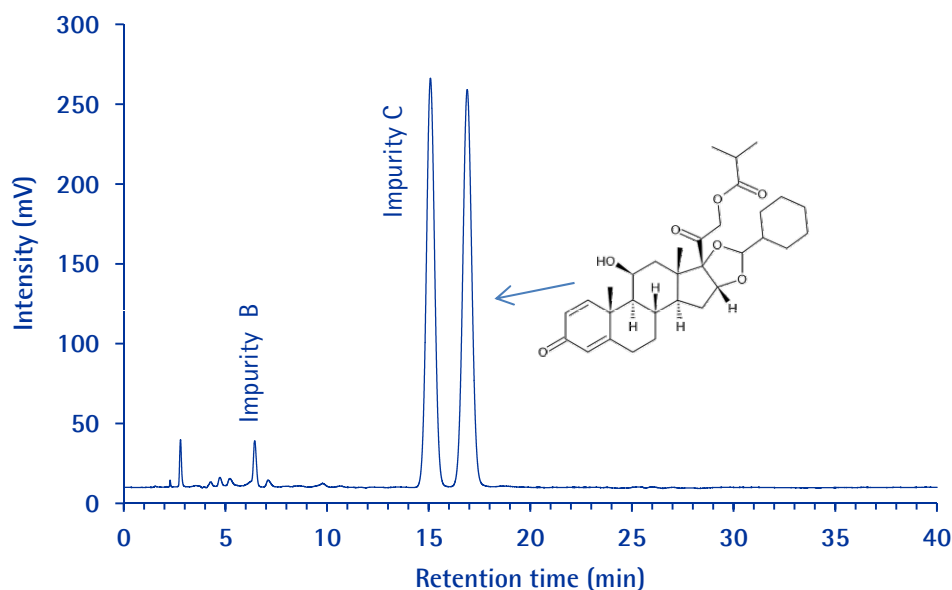


Ciclesonide and Related Substances

Purospher® STAR Phenyl

Chromatographic Conditions

Column:	Purospher® STAR Phenyl (5µm) Hibar® RT 250x4.6 mm	1.51918.0001
Injection:	20 µL	
Detection:	UV 243 nm	
Cell:	10 µL	
Flow Rate:	1.0 mL/min	
Mobile Phase:	Mix water and anhydrous ethanol 38:62 (v/v)	
Temperature:	60 °C	
Standard:	Dissolve 3 mg of impurity B, 3 mg of impurity C, 5 mg impurity A in anhydrous ethanol and dilute to 10.0 mL with same solvent.	
Sample:	Dissolve 50 mg of substance to be examined in anhydrous ethanol dilute to 50 mL with ethanol.	
Pressure Drop:	140 Bar (1988 psi)	



Chromatographic Data

No.	Compound	Retention Time (min)	RRT	Resolution
1	Impurity B	6.4	0.38	
2	Impurity C	15.1	0.89	
3	Ciclesonide	16.9	1.00	2.30