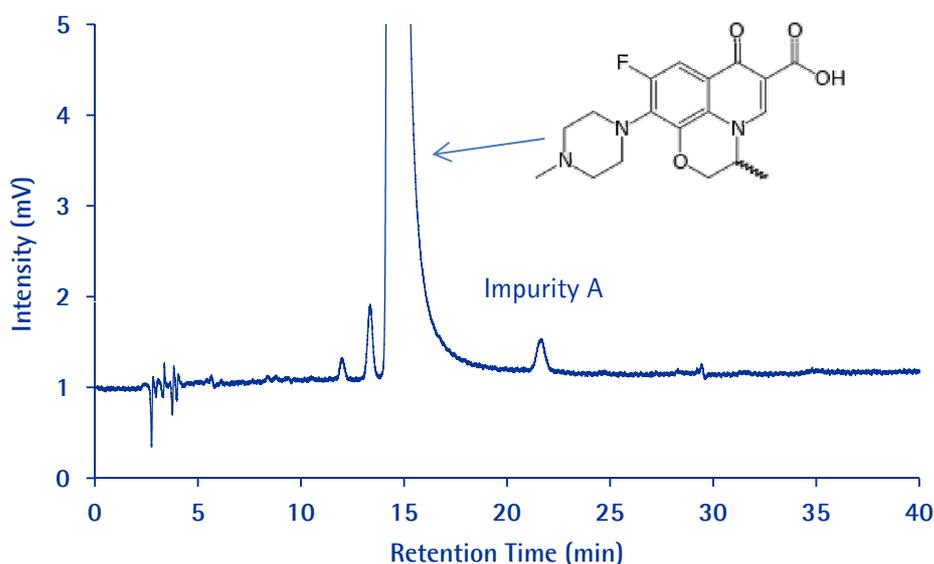


Ofloxacin and Related Substances (USP)

Purospher® STAR RP-18 endcapped

Chromatographic Conditions

Column:	Purospher®STAR RP-18 endcapped (5µm) Hibar® RT 150x4.6 mm	1.51455.0001
Injection:	10 µL	
Detection:	UV 295 nm	
Cell:	10 µL	
Flow Rate:	0.5 mL/min	
Mobile Phase:	4 gm of ammonium acetate & 7.0 gm of sodium perchlorate in 1300 ml water. Adjust pH to 2.2 with orthophosphoric acid. Mix Buffer & Acetonitrile 130:24 (v/v)	
Temperature:	45 °C	
Diluent	Mobile phase	
Sample:	200 ppm of Ofloxacin in mixture of water and acetonitrile 6:1 (v/v)	
Pressure Drop:	50 Bar (725 psi)	



Chromatographic Data :

No.	Compound	Retention Time (min)	Resolution	RRT
1	Impurity A	13.4	-	0.94
2	Ofloxacin	14.2	2.5	1.00