

cefazolin sodium

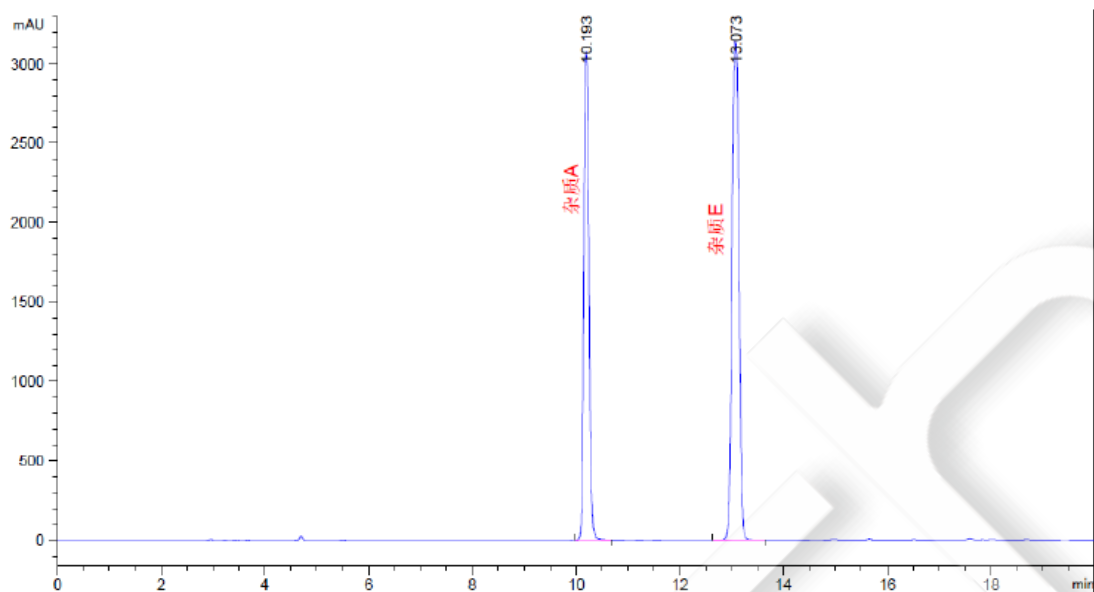
Method:

Column	Ultisil® LP-C8, 5µm, 4.0×250mm PN: 00209-31034		
Mobile Phase	A: dipotassium phosphate 1.6895g, dilute into 970mL with water, add 30mL acetonitrile, adjust pH to 2.5 with Phosphate		
	B: dipotassium phosphate 1.0451g, dilute into 600mL with water, add 400mL acetonitrile, adjust pH to 2.5 with Phosphate		
	Time (min)	Mobile Phase A (%)	Mobile Phase B (%)
	0	100	0
	30	0	100
	35	0	100
	35.01	100	0
40	100	0	
Detection	220 nm		
Temperature	40 °C		
Flow Rate	1 ml/min		
Injection Volume	20 µl		
Notes	/		

Chromatogram and Data:

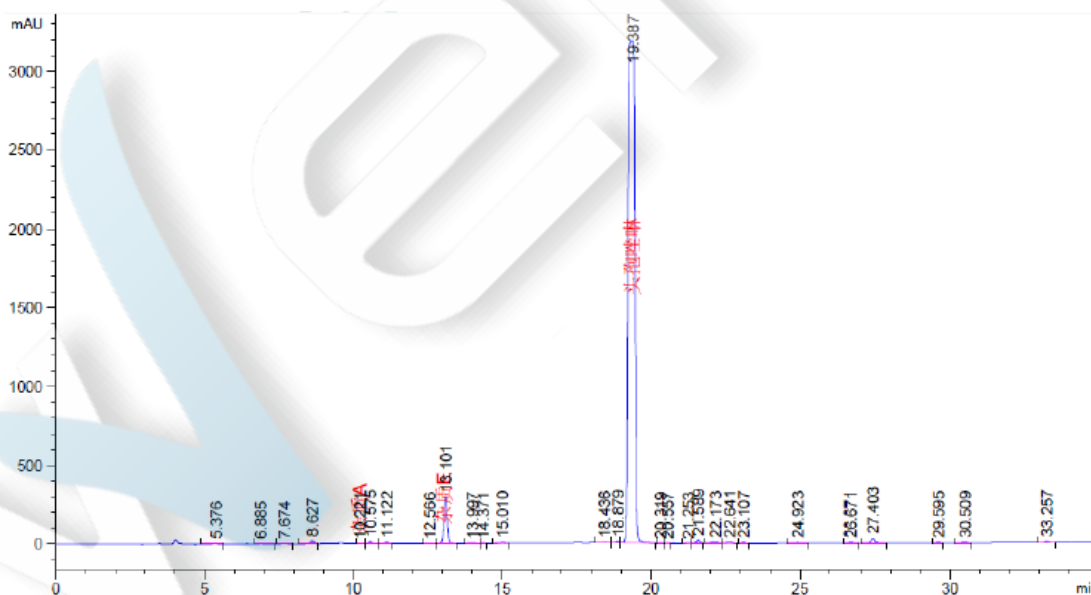
1. Impurity A,E:

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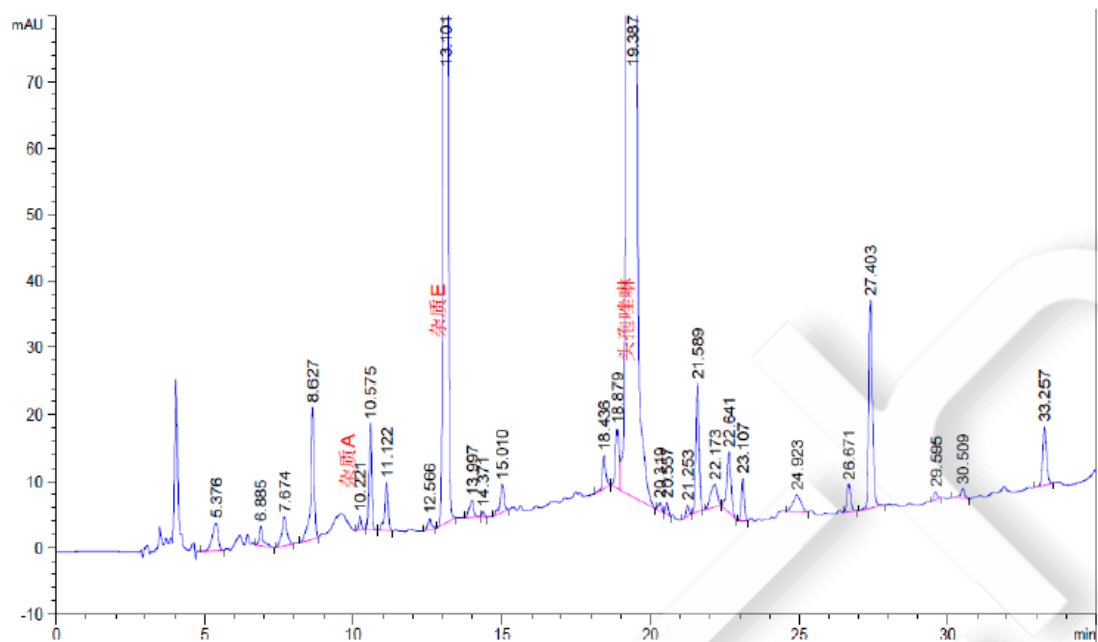
Retention Time [min]	k'	Peak Area [mAU*s]	Peak Height [mAU]	Asymmetry	Width [min]	Plates	Resolution	Selectivity
10.193	-	2.20809e4	3070.14063	0.79	0.1130	45096	-	-
13.073	-	2.87668e4	3141.07007	0.96	0.1443	45501	13.15	1.28

2.Sample:



Enlarged View

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Retention Time [min]	k'	Peak Area [mAU*s]	Peak Height [mAU]	Asymmetry	Width [min]	Plates	Resolution	Selectivity
5.376	-	54.38152	4.07203	1.69	0.2017	3938	-	-
6.885	-	26.85382	2.96598	0.60	0.1050	23831	5.78	1.28
7.674	-	53.45401	4.31604	0.95	0.1756	10584	3.31	1.11
8.627	-	167.08949	19.93036	1.26	0.1067	36236	3.97	1.12

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