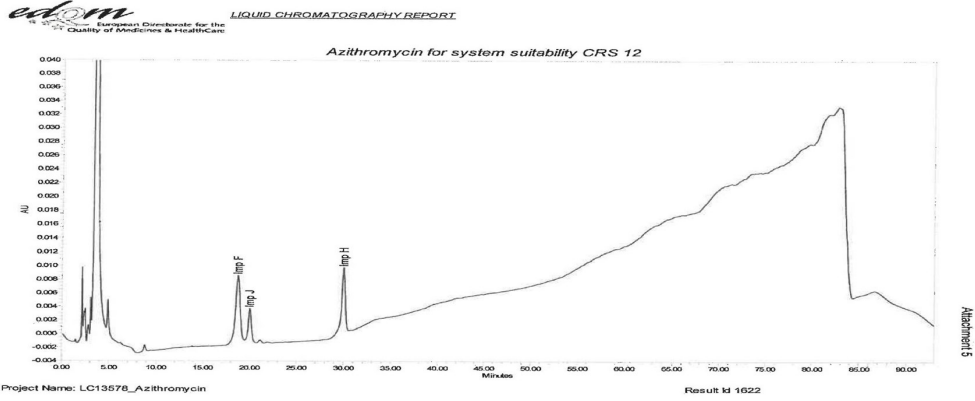


ATHENA XPH Column Application Note:

Azithromisin İmpurite metodu için EP Farmakopisi çalışmasında deneme yapılmıştır

EP Sistem Uygunluk

Annex 1:



Signed on: 16/09/2020
FORM/597 Rev. 04 (03/02/2020)

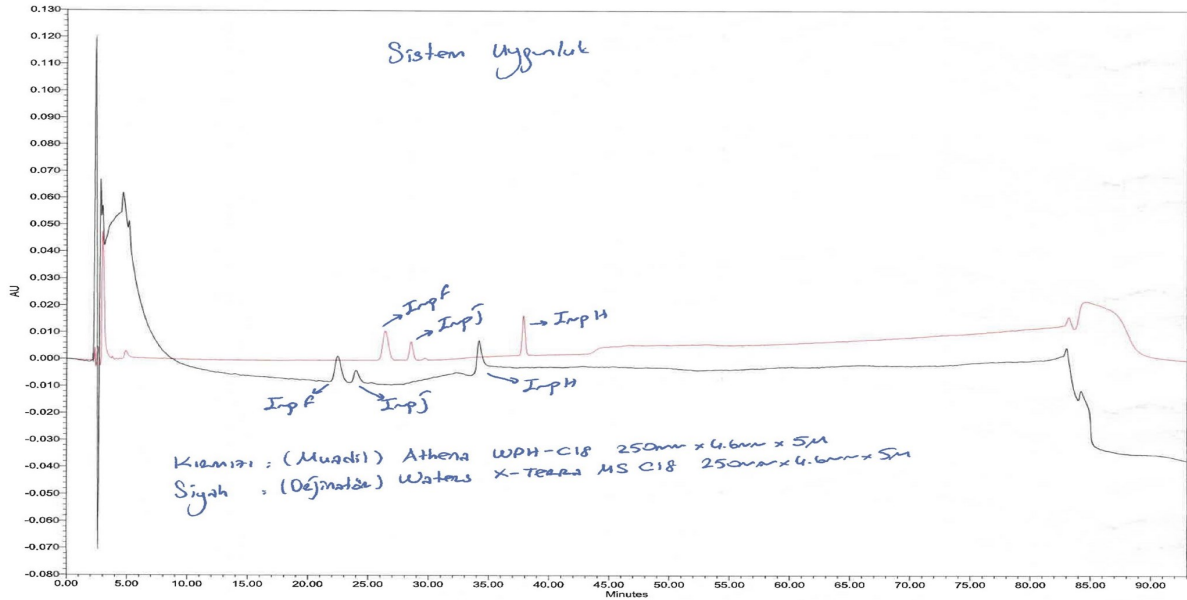
Cat. Code: Y0000641

Rev. 1

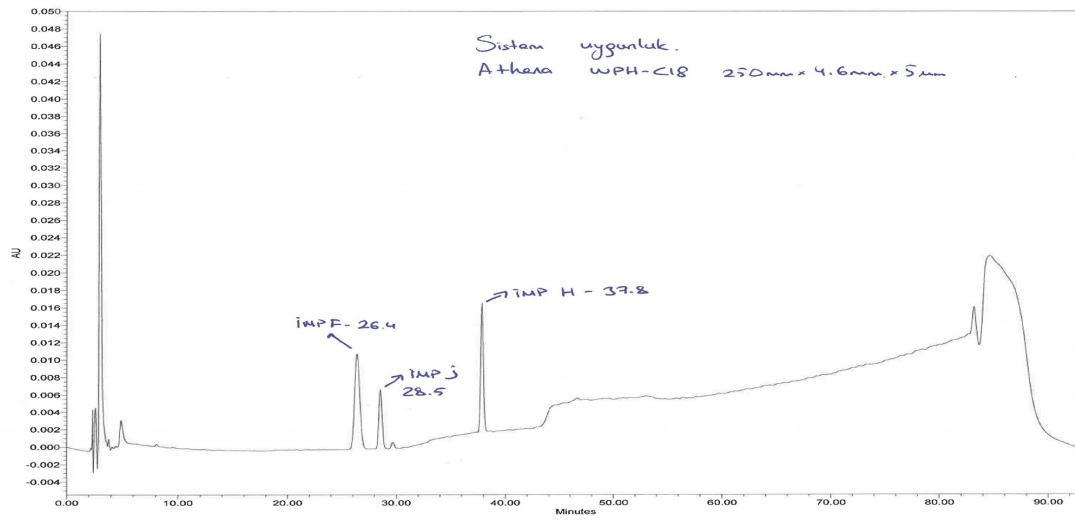
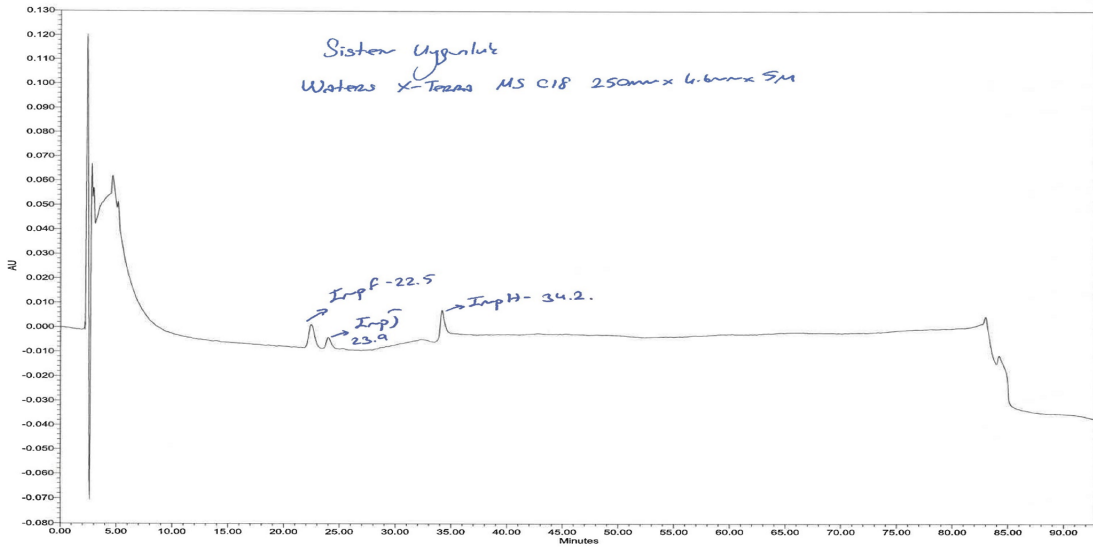
3/3

Şekil 1: EP Farmakopisinde Sistem Uygunluk Kromatogramına aittir.

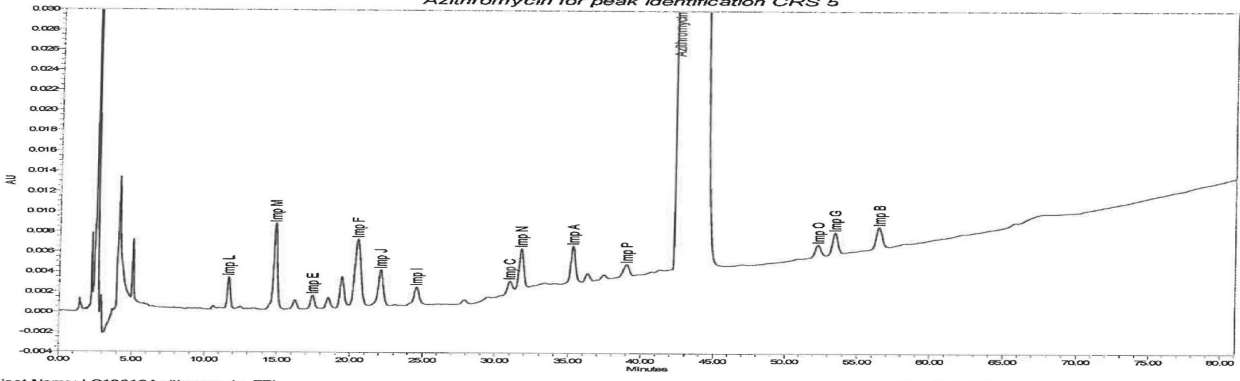
Kullanılan Kolon: Waters Xterra C18, 250x4.6mm 5µm Analitik kolon sonucudur.



Şekil 2: EP Farmakopisine göre Sistem Uygunluk Kromatogramına aittir. Siyah Kromatogram Waters XTERRA MSC18 Kolo-
na aittir.Kırmızı Kromatogram Athena XPH kolona aittir.

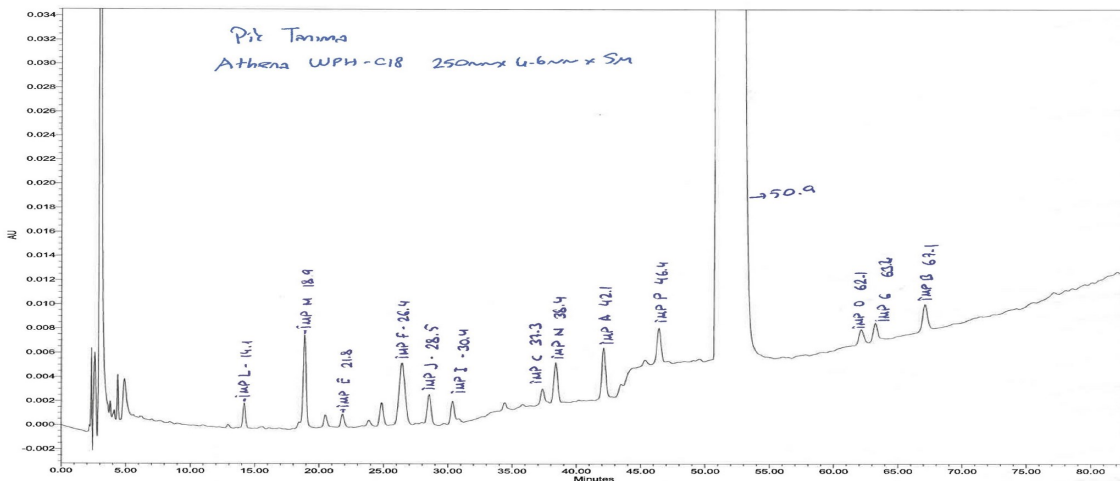
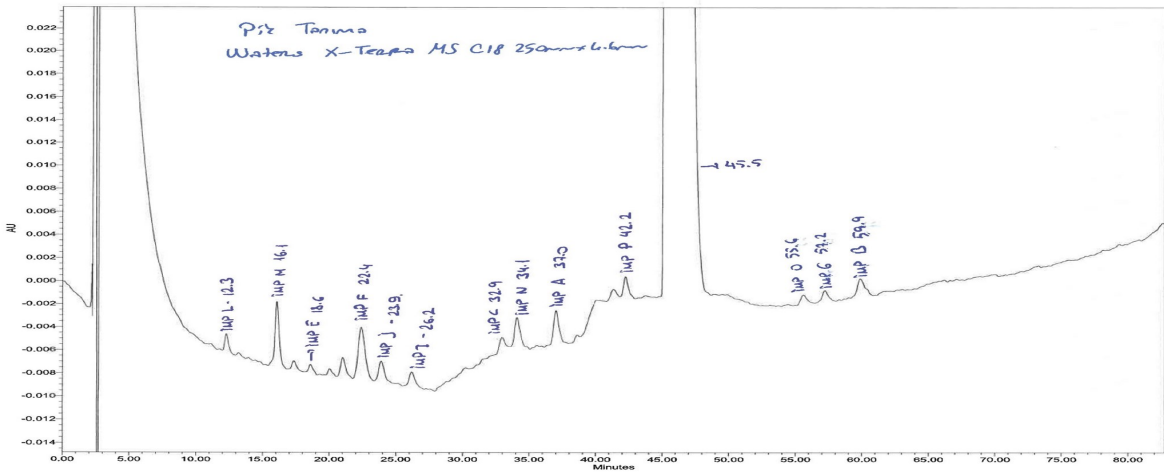
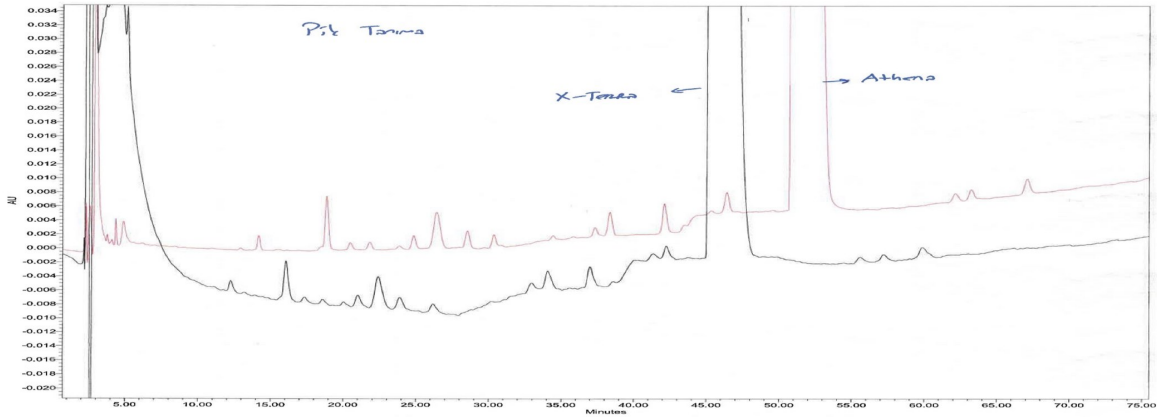


Azithromycin for peak identification CRS 5



Project Name: LC13016Azithromycin_FPI

Result Id 1754



Pik Adı	Metotta belirtilen		X-Terra		Athena		EP		BP	
	RT	RRT	RT	RRT	RT	RRT	RT	RRT	RT	RRT
impürite L	16,5	0,35	12,3	0,27	14,1	0,28	11,5	0,26	13,0	0,26
impürite M	21,2	0,45	16,1	0,35	18,9	0,37	15,0	0,34	16,0	0,32
İmpürite E	23,4	0,49	18,6	0,41	21,8	0,43	17,5	0,40	19,2	0,39
impürite F	25,4	0,53	22,4	0,49	26,4	0,52	20,5	0,47	23,0	0,46
impürite D ve J	27,0	0,57	23,9	0,53	28,5	0,56	22,0	0,50	24,1	0,49
impürite I	28,6	0,60	26,2	0,58	30,4	0,60	24,8	0,56	27,5	0,56
İmpürite C	30,4	0,64	32,9	0,72	37,3	0,73	31,1	0,71	35,0	0,71
impürite N	36,0	0,76	34,1	0,75	38,4	0,75	31,9	0,73	37,0	0,75
İmpürite A	40,1	0,84	37,0	0,81	42,1	0,83	35,5	0,81	40,0	0,81
impürite P	43,9	0,92	42,2	0,93	46,4	0,91	35,9	0,82	45,0	0,91
Azitromisin Dihidrat	47,6	1	45,5	1,00	50,9	1,00	44,0	1,00	49,5	1,00
impürite O	57,7	1,21	55,6	1,22	62,1	1,22	52,2	1,19	59,5	1,20
impürite G	59,7	1,26	57,2	1,26	63,2	1,24	53,5	1,22	61,5	1,24
İmpürite B	61,8	1,30	59,9	1,32	67,1	1,32	56,5	1,28	63,0	1,27

Hazırlayan: Mehmet Ali ÜNLÜ

Demo ve Talep için: m.unlu@doalab.com