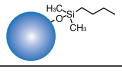
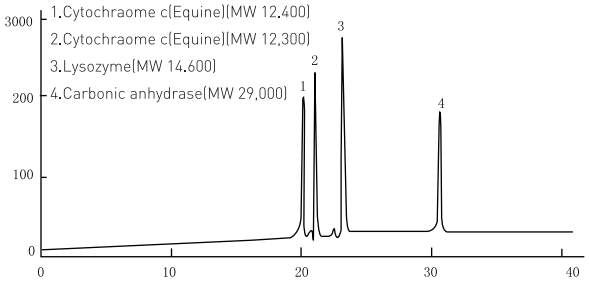
Ultisil™ XB-C4--suitable for separation of bio-samples

- Strong retention for hydrophobic and polar compounds
- Column packing of 300Å big pore size particles is appropriate for separation of peptide and protein samples with sharp peak shape
- Minibore column can be used for LC/MS(/MS)

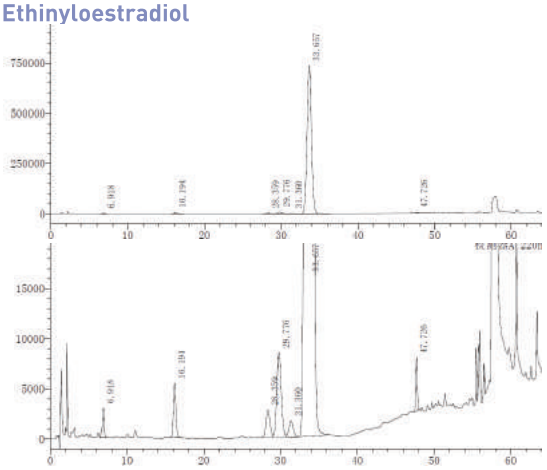
Ultisil™ XB-C4

Structural Formula			
pH Range	1.5-10.0	Carbon Loading(%)	8(120 Å), 3(300 Å)
Particle Size	3 μm, 5 μm, 10 μm	USP List	L26
Surface Area(m^2/g)	320(120 Å), 90(300 Å)	Endcapped	Yes



Column:	Ultisil™ XB-C4(300Å), 4.6 ×250 mm, 5 μm
Mobile Phase:	A: water / acetonitrile / TFA=90/10/0.05 B: water / acetonitrile / TFA=20/80/0.05 0%-100%B(0-15 min)
Flow Rate:	1.0 mL/min
Temperature:	45°C
Injection Volume:	10 μL

Ethinyloestradiol



Column:	Ultisil™ XB-C4, 4.6 ×250 mm, 5 μm
Mobile Phase:	Mobile phase A: acetonitrile/water=30/70 Mobile Phase B: acetonitrile/water=75/25

Time(min)	A(%)	B(%)
0	100	0
35	100	0
65	0	100

Flow Rate:	1.5 mL/min
Detector:	220 nm
Temperature:	30°C
Injection Volume:	30 μL

Ordering Information

Ultisil™ XB-C4

Particle size	Column ID (mm)	Column Length (mm)									Guard Cartridge	Guard Column Holder
		30	33	50	75	100	125	150	200	250	10mm length	
3 μm 120 Å	2.1	00216-21009	09216-21009	00216-21010	00216-21011	00216-21012	00216-21013	00216-21014	00216-21015	00216-21016	00808-23011	00808-01107
	3.0	00216-21018	-	00216-21019	00216-21020	00216-21021	00216-21022	00216-21023	00216-21024	00216-21025	00808-23011	00808-01107
	4.0	00216-21027	-	00216-21028	00216-21029	00216-21030	00216-21031	00216-21032	00216-21033	00216-21034	00808-03030	00808-01101
	4.6	00216-21036	11216-21036	00216-21037	00216-21038	00216-21039	00216-21040	00216-21041	00216-21042	00216-21043	00808-03030	00808-01101
5 μm 120 Å	2.1	00216-31009	09216-31009	00216-31010	00216-31011	00216-31012	00216-31013	00216-31014	00216-31015	00216-31016	00808-24008	00808-01107
	3.0	00216-31018	-	00216-31019	00216-31020	00216-31021	00216-31022	00216-31023	00216-31024	00216-31025	00808-24008	00808-01107
	4.0	00216-31027	-	00216-31028	00216-31029	00216-31030	00216-31031	00216-31032	00216-31033	00216-31034	00808-04008	00808-01101
	4.6	00216-31036	11216-31036	00216-31037	00216-31038	00216-31039	00216-31040	00216-31041	00216-31042	00216-31043	00808-04008	00808-01101
10 μm 120 Å	4.0	-	-	-	-	-	-	00216-41032	00216-41033	00216-41034	00808-05008	00808-01101
	4.6	-	-	-	-	-	-	00216-41041	00216-41042	00216-41043	00808-05008	00808-01101

300 Å HPLC column provided. Please contact Welch or your local distributor for other dimensions.