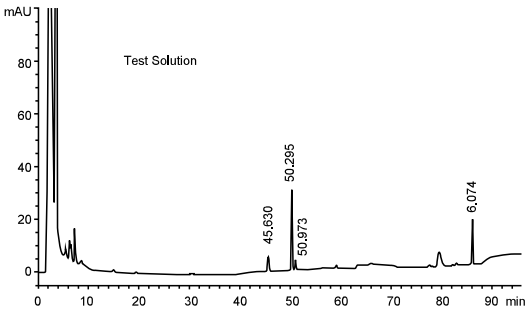
Topsil® Series HPLC Column

Topsil® series HPLC column is the next generation column of Welch, beside Ultisil™, Xtimate® and Welchrom®. This series applied different silica which performs different selectivity.

Features:

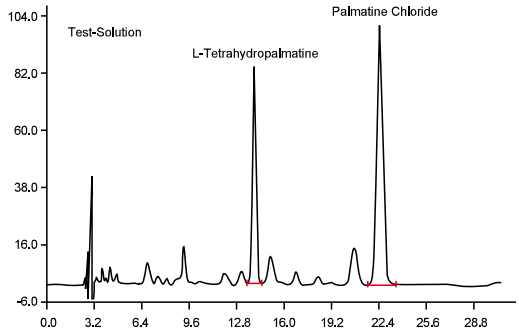
- High purity silica (99.99%) with 150 Å pore size and 250 m^2/g surface area
- 12% carbon loading for C18 phase
- Because of large pore and moderate carbon loading, Topsil® C18 phase can also be used as AQ-C18 without phase collapse
- Endcapped for excellent peak shape and lifetime
- Lower back pressure than Ultisil™, almost the same column efficiency with Ultisil™
- Good for small molecules and peptides
- Topsil phases including C18, C8, Phenyl-Hexyl, Silica, NH_2 and CN

Compound Salvia Tablets



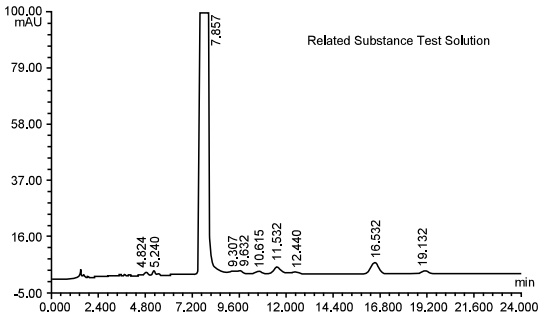
Column:	Topsil® C18, 250x4.6mm, 5μm		
Mobile Phase:	A: ACN B: Water		
Gradient Program:	Time(min)	A(%)	B(%)
	0	19	81
	35	19	81
	55	71	29
	70	71	29
	100	40	60
Flow Rate:	1.0ml/min		
Temperature:	30°C		
Detector:	203nm		
Injection Volume:	20μl		

Epigeal Srephaia Root



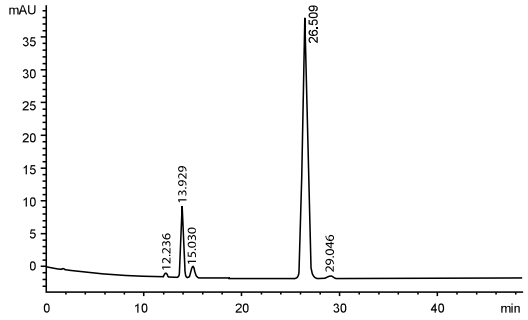
Column:	Topsil® C18, 250x4.6mm, 5μm
Mobile Phase:	25mM NaAC buffer(2% trimethylamine, adjust pH to 3.50 with HAC)
Flow Rate:	1.5ml/min
Temperature:	40°C
Detector:	280nm
Injection Volume:	20μl

Ketoprofen



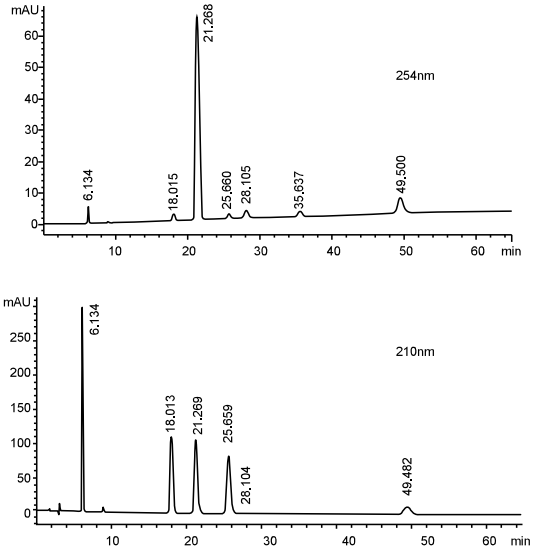
Column:	Topsil® C18, 150x4.6mm, 5μm
Mobile Phase:	Phosphate buffer (68g KH_2PO_4 dissolve in 1000mL water, adjust pH to 3.5 with H_3PO_4)
Flow Rate:	1.0ml/min
Temperature:	30°C
Detector:	233nm
Injection Volume:	20μl

Vitamin D3



Column:	Topsil® Silica, 250x4.6mm, 5μm
Mobile Phase:	N-hexane:n-amyl alcohol=99.7:0.3
Flow Rate:	2.0ml/min
Temperature:	30°C
Detector:	254nm
Injection Volume:	20μl

Sex Hormone in Cosmetics



Column:	Topsil® Phenyl-Hexyl, 250x4.6mm, 5μm
Mobile Phase:	MeOH:H_2O=60:40
Flow Rate:	1.0ml/min
Temperature:	30°C
Detector:	210nm, 254nm
Injection Volume:	20μl
Mixed Standards:	Estrogen: estradiol, oestrone, estrostilben, estriol Androgen: testosterone, methyltestosterone Progestational hormone:progesterone

Ordering Information

Dimension	Particle Size	C18	C8	NH_2	CN	Silica	Phenyl-Hexyl
2.1×30mm	5μm	00410-01009	00420-01009	00430-01009	00440-01009	00450-01009	00460-01009
2.1×50mm	5μm	00410-01010	00420-01010	00430-01010	00440-01010	00450-01010	00460-01010
2.1×100mm	5μm	00410-01012	00420-01012	00430-01012	00440-01012	00450-01012	00460-01012
2.1×150mm	5μm	00410-01014	00420-01014	00430-01014	00440-01014	00450-01014	00460-01014
2.1×200mm	5μm	00410-01015	00420-01015	00430-01015	00440-01015	00450-01015	00460-01015
2.1×250mm	5μm	00410-01016	00420-01016	00430-01016	00440-01016	00450-01016	00460-01016
3.0×30mm	5μm	00410-01018	00420-01018	00430-01018	00440-01018	00450-01018	00460-01018
3.0×50mm	5μm	00410-01019	00420-01019	00430-01019	00440-01019	00450-01019	00460-01019
3.0×100mm	5μm	00410-01021	00420-01021	00430-01021	00440-01021	00450-01021	00460-01021
3.0×150mm	5μm	00410-01023	00420-01023	00430-01023	00440-01023	00450-01023	00460-01023
3.0×200mm	5μm	00410-01024	00420-01024	00430-01024	00440-01024	00450-01024	00460-01024
3.0×250mm	5μm	00410-01025	00420-01025	00430-01025	00440-01025	00450-01025	00460-01025
3.0×300mm	5μm	00410-01026	00420-01026	00430-01026	00440-01026	00450-01026	00460-01026
4.0×30mm	5μm	00410-01027	00420-01027	00430-01027	00440-01027	00450-01027	00460-01027
4.0×50mm	5μm	00410-01028	00420-01028	00430-01028	00440-01028	00450-01028	00460-01028
4.0×100mm	5μm	00410-01030	00420-01030	00430-01030	00440-01030	00450-01030	00460-01030
4.0×150mm	5μm	00410-01032	00420-01032	00430-01032	00440-01032	00450-01032	00460-01032
4.0×200mm	5μm	00410-01033	00420-01033	00430-01033	00440-01033	00450-01033	00460-01033
4.0×250mm	5μm	00410-01034	00420-01034	00430-01034	00440-01034	00450-01034	00460-01034
4.0×300mm	5μm	00410-01035	00420-01035	00430-01035	00440-01035	00450-01035	00460-01035
4.6×30mm	5μm	00410-01036	00420-01036	00430-01036	00440-01036	00450-01036	00460-01036
4.6×50mm	5μm	00410-01037	00420-01037	00430-01037	00440-01037	00450-01037	00460-01037
4.6×100mm	5μm	00410-01039	00420-01039	00430-01039	00440-01039	00450-01039	00460-01039
4.6×150mm	5μm	00410-01041	00420-01041	00430-01041	00440-01041	00450-01041	00460-01041
4.6×200mm	5μm	00410-01042	00420-01042	00430-01042	00440-01042	00450-01042	00460-01042
4.6×250mm	5μm	00410-01043	00420-01043	00430-01043	00440-01043	00450-01043	00460-01043
4.6×300mm	5μm	00410-01044	00420-01044	00430-01044	00440-01044	00450-01044	00460-01044