

Diamonsil[®] HPLC Columns

Features of Diamonsil[®] Columns

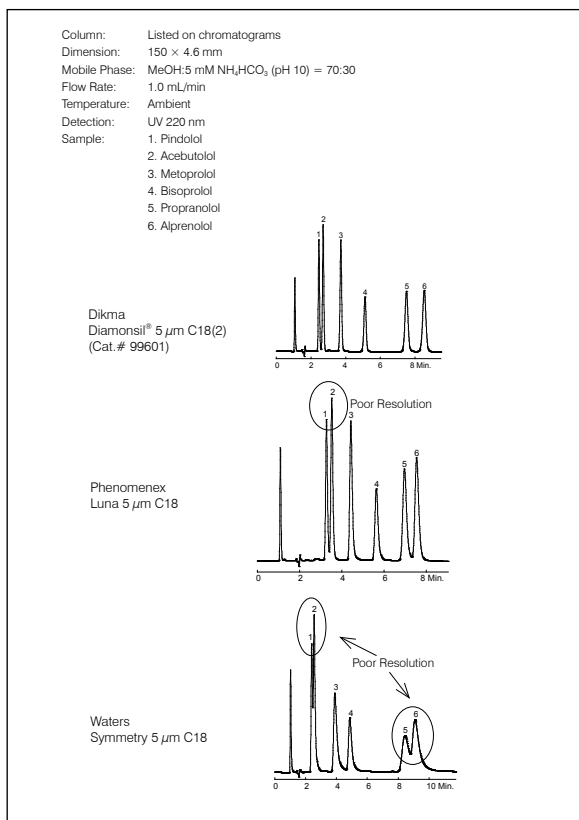
- Universal reversed phase columns
- High efficiency and outstanding lifetime
- Suitable for faster method development
- Superior batch-to-batch reproducibility



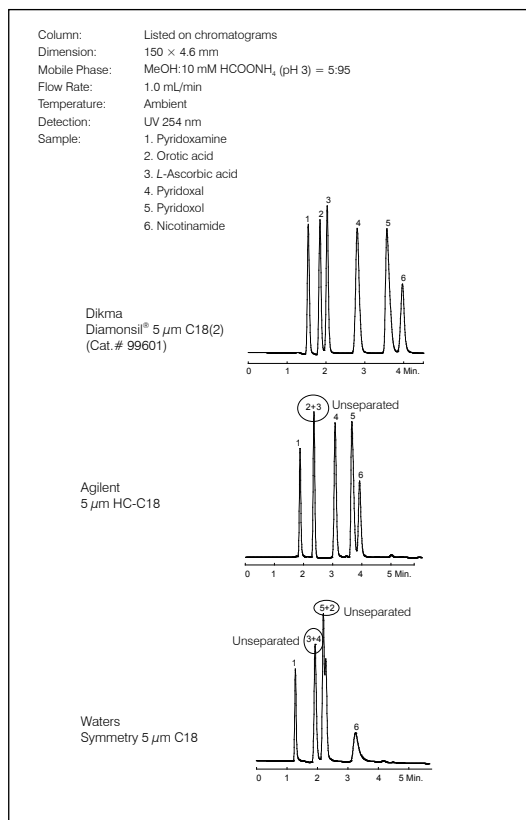
Diamonsil[®] Material Characteristics

Bonded phase	Particle size (µm)	Pore size (Å)	Surface area (m ² /g)	Purity (%)	Impurities (mg/kg)	Carbon loading (%)	pH range	Endcapping
C18(2)	3, 5, 10	100	440	> 99,999	< 10	27	1.5-9	Yes
C8(2)	3, 5, 10	100	440	> 99,999	< 10	17	1.5-9	Yes
C18	5	100	440	> 99,999	< 10	17	2-7.5	Yes
C8	5	100	440	> 99,999	< 10	10	2-7.5	Yes

β-Blockers at High pH*



Water-Soluble Vitamins*



*Luna is a registered trademark of Phenomenex. Dikma Technologies Inc. is not affiliated with the above company.

*Symmetry is a registered trademark of Waters Corporation. Dikma Technologies Inc. is not affiliated with the above company.

*HC is a trademark of Agilent Technologies. Dikma Technologies Inc. is not affiliated with the above company.

Diamonsil® Ordering Information

3 µm Microbore Columns (2.1 mm ID)							Guard Cartridges, 2/pk	
Phases	30 x 2.1	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1	250 x 2.1	10 x 2.1	
Diamonsil® C18(2)	99631	99611	99612	99613	99615		6311	
Diamonsil® C8(2)	99681	99661	99662	99663	99665		6312	
3 µm Analytical Columns (3.0 mm ID)								
Phases	30 x 3.0	50 x 3.0	100 x 3.0	150 x 3.0	250 x 3.0	250 x 3.0	10 x 2.1	
Diamonsil® C18(2)	99632	99621	99622	99623	99625		6311	
Diamonsil® C8(2)	99682	99671	99672	99673	99675		6312	
3 µm Analytical Columns (4.6 mm ID)								
Phases	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6	200 x 4.6	250 x 4.6	10 x 4.0	
Diamonsil® C18(2)	99633	99616	99617	99618	99619	99620	6331	
Diamonsil® C8(2)	99683	99666	99667	99668	99669	99670	6332	
5 µm Microbore Columns (2.1 mm ID)								
Phases	30 x 2.1	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1	250 x 2.1	10 x 2.1	
Diamonsil® C18(2)	99634	99604	99605	99606	99608		6313	
Diamonsil® C8(2)	99684	99654	99655	99656	99658		6314	
5 µm Analytical Columns (3.0 mm ID)								
Phases	30 x 3.0	50 x 3.0	100 x 3.0	150 x 3.0	250 x 3.0	250 x 3.0	10 x 2.1	
Diamonsil® C18(2)	99635	99626	99627	99628	99630		6313	
Diamonsil® C8(2)	99685	99676	99677	99678	99680		6314	
5 µm Analytical Columns (4.6 mm ID)								
Phases	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6	200 x 4.6	250 x 4.6	10 x 4.0	
Diamonsil® C18(2)	99636	99609	99610	99601	99602	99603	6333	
Diamonsil® C8(2)	99686	99659	99660	99650	99652	99651	6334	
Diamonsil® C18	-	-	-	99901	99902	99903	6201	
Diamonsil® C8	-	-	-	99801	-	99803	6202	

EasyGuard™ Guard Holder: Cat.# 6220

Amino Acid Analysis (AAA) Column		
Phases	Particle Size (µm)	250 x 4.6
Diamonsil® AAA	5	99751

5 µm and 10 µm Semi-preparative Columns						Guard Cartridges, 2/pk	
Phases	Particle Size (µm)	250 x 4.6	250 x 10.0	150 x 21.2	250 x 21.2	10 x 10.0	10 x 21.2
Diamonsil® C18(2)	5	99603	99644	99770	99654	6335	6336
Diamonsil® C8(2)	5	99651	99694	99771	99695	6339	6340
Diamonsil® Diol	5	99753	99754	99772	99755	6343	6344
Diamonsil® Silica	5	-	99724	99773	99725	6347	6348
Diamonsil® C18(2)	10	99641	99642	99774	99643	6337	6338
Diamonsil® C8(2)	10	99691	99692	99775	99693	6341	6342
Diamonsil® Diol	10	99761	99762	99776	99763	6345	6346
Diamonsil® Silica	10	99721	99722	99777	99723	6349	6350

10 mm Guard Holder: Cat. #6221; 21.2 mm Guard Holder: Cat. # 6222