

# VDSpher®

*Use a better column*

## Your alternative to Grace HPLC columns

The versatile and powerful VDSpher® phases allow for numerous applications in normal and reversed phase as well as HILIC chromatography. Our wide range of phases offers excellent alternatives to Alltech® Alltima® HP, VisionHT®, GraceSmart™, Prevail™ and Vydac®. Our recommendations are listed in the following tables. Try the VDSpher® column of your choice free of charge for 14 days and you will be convinced!

Grace	VDSpher® PUR (100 Å) / U-VDSpher® PUR (100 Å) / VDSpher® OptiAqua (100 Å) / VDSpher® OptiBio (300 Å)							
	Phase	Phase Codes & Price Groups						
		1.8 µm	2.2 µm	3 µm	3.5 µm	4 µm	5 µm	10 µm
<b>Alltech® Alltima® HP</b>								
C18	150 Å C18-E			G181VPG 5			G181VPJ 4	
C18 Hi-Load	C18-M-SE				E18DVPH 4	E18DVPI 4	E18DVPJ 3	
C18 AQ	C18-M-E				E182VPH 4	E182VPI 4	E182VPJ 3	E182VPN 1
C8	150 Å C8-E						G081VPJ 4	
Cyano	150 Å CN-SE						G20BVPJ 4	
Silica	SIL	E000UVC 6	E000VPE 4	E000VPG 4	E000VPH 3	E000VPI 3	E000VPJ 2	E000VPN 1
HILIC	HILIC-OH						E969VPJ 4	
<b>VisionHT™</b>								
C18 HighLoad	C18-SE				E18BVPH 4	E18BVPI 4	E18BVPJ 3	E18BVPN 2
C18 Basic	OptiAqua PUR 100 C18			E184OQG 4			E184OQJ 3	E184OQN 1
C18 Classic	C18-H	E184UVC 6	E184VPE 5	E184VPG 5	E184VPH 4	E184VPI 4	E184VPJ 3	E184VPN 1
C18 Polar	OptiAqua PUR 100 C18			E184OQG 4			E184OQJ 3	E184OQN 1
HILIC	HILIC-OH						E969VPJ 4	
Silica	SIL	E000UVC 6	E000VPE 4	E000VPG 4	E000VPH 3	E000VPI 3	E000VPJ 2	E000VPN 1

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		1.8 µm	2.2 µm	3 µm	3.5 µm	4 µm	5 µm	10 µm
GraceSmart™								
	C18-E	E181UVC 6	E181VPE 5	E181VPG 5	E181VPH 4	E181VPI 4	E181VPJ 3	E181VPN 1
Prevail™								
C18 Select	C18-M-SE				E18DVPH 4	E18DVPI 4	E18DVPJ 3	
C18	C18-M-E				E182VPH 4	E182VPI 4	E182VPJ 3	E182VPN 1
C8	C8-M-E						E082VPJ 3	
Phenyl	Phenyl-E	E051UVC 6			E051VPH 4	E051VPI 4	E051VPJ 3	
Cyano	CN	E209UVC 6			E209VPH 4	E209VPI 4	E209VPJ 3	
Amino	NH <sub>2</sub>		E199VPE 5	E199VPG 5	E199VPH 4	E199VPI 4	E199VPJ 3	
Silica	SIL	E000UVC 6	E000VPE 4	E000VPG 4	E000VPH 3	E000VPI 3	E000VPJ 2	E000VPN 1
Organic Acid	OA-1						E239VPJ 3	
Carbohydrate ES	SAC						E229VPJ 3	
Vydac®								
Everest® 238EV C18	OptiBio PUR 300 C18-SE						K18BORJ 8	K18BORN 7
Vydac® MS 218MS C18	OptiBio PUR 300 C18-TSE						K18DORJ 8	K18DORN 7
Vydac® MS 238MS C18	OptiBio PUR 300 C18-SE						K18BORJ 8	K18BORN 7
Vydac® MS 208MS C8	OptiBio PUR 300 C8-SE						K08BORJ 8	K08BORN 7
Vydac® MS 214MS C4	OptiBio PUR 300 C4-SE						K04BORJ 8	K04BORN 7
Vydac® TP 218TP C18	OptiBio 300 C18-V						K189OBJ 8	K189OBN 7
	OptiBio PUR 300 C18-V-E						K182ORJ 8	K182ORN 7
Vydac® TP 238TP C18	OptiBio PUR 300 C18-E						K181ORJ 8	K181ORN 7
Vydac® TP 208TP C8	OptiBio 300 C8-V						K089OBJ 8	K089OBN 7
	OptiBio PUR 300 C8-E						K081ORJ 8	K081ORN 7
Vydac® TP 214TP C4	OptiBio 300 C4-V						K049OBJ 8	K049OBN 7
	OptiBio PUR 300 C4-E			K041ORG 9			K041ORJ 8	K041ORN 7

VDSpher® (Classic), VDSpher® PUR, VDSpher® OptiAqua and VDSpher® OptiBio are registered trademarks of VDS optilab Chromatographietechnik GmbH.

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