VDS optilab
Chromatographie
Technik GmbH

VDSpher® OptiBio (Classic)
VDSpher® OptiBio PUR

C18 / C8 / C4

Spherical silica gel of ultra high purity for analytical to preparative chromatography.
Excellent mechanical and chemical stability.
Available in different modifications:

Modification	Particle Size 5 µm	Max. H_2O Cont. Eluent	Endcapping	Functiona-lization	pH-Range
PUR C18-E	o	90%	liquid	mono	2 - 8
PUR C18-SE	o	95%	gas	mono	1 - 9
*300 C18-M	o		no	tri	2 - 8
PUR C18-M-E	o	100%	liquid	tri	2 - 8
PUR C18-M-SE	o	100%	gas	tri	2 - 9
PUR C8-E	o	90%	liquid	mono	2 - 8
PUR C8-SE	o	95%	gas	mono	2 - 8
PUR C8-M-E	o	100%	liquid	tri	2 - 8
PUR C8-M-SE	o	100%	gas	tri	2 - 9
PUR C4-E	o	90%	liquid	mono	2 - 8
PUR C4-SE	o	95%	gas	mono	2 - 9
PUR C4-V-E	o	100%	liquid	tri	2 - 8

**OptiBio 300 C18-M is produced on VDSpher Classic*

Pore Size:	Å	300 +/- 10
Surface Area:	m^2/g	90 +/- 10
Pore Volume:	ml/g	0.8 +/- 0.1
Density:	g/ml	0.45
Si Purity		
OptiBio Classic:	%	99.97
OptiBio PUR:	%	99.995
Metal Content		
OptiBio Classic:	ppm	<100
OptiBio PUR:	ppm	<20

VDSpher®

Larger particel sizes on request.

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Wiesenweg 11a
D-10365 Berlin
Germany

Phone: +49 (0)30 55153901
E-mail: info@vdsoptilab.de
Website: www.vdsoptilab.de