VDS optilab
Chromatographie
Technik GmbH

VDSpher® PUR 150/300

C18 / C8 / CN / SIL

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

Modification	Particle Sizes 5 µm	10 µm	Carbon Content %	End-capping	Functiona-lization	pH-Range
150 C18-E	o	o	10.5	liquid	mono	2 - 7.5
150 C8-E	o	o	5.9	liquid	mono	2 - 7.5
150 CN-E	o		5.0	liquid	tri	2 - 7.5
150 SIL	o	o	-	no	-	2 - 8
300 SIL	o	o	-	no	-	2 - 8

150 Å		
Pore Size:	Å	150 +/- 10
Surface Area:	m^2/g	175 +/- 10
Pore Volume:	ml/g	0.8 +/- 0.1
Si Purity:	%	99.995
Density:	g/ml	0.45
Metal Content:		
Na	ppm	<10
Mg, Al, Ca, Fe, Zr, Ti	ppm	<5

300 Å		
Pore Size:	Å	300 +/- 10
Surface Area:	m^2/g	90 +/- 10
Pore Volume:	ml/g	0.8 +/- 0.1
Si Purity:	%	99.995
Density:	g/ml	0.45
Metal Content:		
Na	ppm	<10
Mg, Al, Ca, Fe, Zr, Ti	ppm	<5

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Larger particel sizes on request.

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