VDS optilab
Chromatographie
Technik GmbH

VDSpher® 75/150/300 (Classic)

SIL (Silica)

Spherical silica gel of high purity for analytical to preparative chromatography.
Excellent mechanical and chemical stability.

Modification	Particle Sizes 5 µm	10 µm	Carbon Content %	End-capping	Functiona-lization	pH-Range
SIL 75	o	o	-	-	-	2 - 8
SIL 150	o		-	-	-	2 - 8
SIL 300	o	o	-	-	-	2 - 8

SIL 75		
Pore Size:	Å	75 +/- 10
Surface Area:	m^2/g	500 +/- 10
Pore Volume:	ml/g	0.8 +/- 0.1
Si Purity:	%	99.95
Density:	g/ml	0.45
Metal Content:	ppm	<125

SIL 150		
Pore Size:	Å	150 +/- 10
Surface Area:	m^2/g	175 +/- 10
Pore Volume:	ml/g	0.8 +/- 0.1
Si Purity:	%	99.97
Density:	g/ml	0.45
Metal Content:	ppm	<100

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

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Larger particel sizes on request.

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