U-VDSpher® PUR 100

C18 / C8 / Phenyl / CN

Spherical silica gel of ultra high purity for analytical fast chromatography (UHPLC).
Excellent mechanical and chemical stability.
Available in different modifications:

Modification	Particle Size 1.8 µm	Carbon Content %	Endcapping	Functiona-lization	pH-Range
C18-E	o	16.8	liquid	mono	2 - 7.5
C18-SE	o	17.0	gas	mono	2 - 9
C18-M	o	17.5	no	tri	2 - 8
C18-M-SE	o	20.0	gas	tri	1 - 9
C18-H	o	11.5	polar	mono	2 - 7.5
C8-E	o	10.0	liquid	mono	2 - 7.5
Phenyl-E	o	10.5	liquid	mono	2 - 7.5
CN-E	o	6.5	liquid	tri	2 - 7.5

Pore Size:	Å	100 +/- 10
Surface Area:	m^2/g	320 +/- 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

Larger particel sizes on request.

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