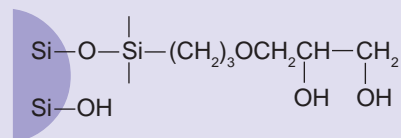


VertiPak™ Diol

- VertiPak™ Diol SPE is polar sorbent that can exhibit both polar and non-polar interactions, depending on the preparation of the column and the nature of the sample matrix.
- As polar interaction, Diol is more reproducible than Silica. As non-polar interaction, Diol can extract relatively non-polar molecules from aqueous samples.
- Typical applications include antibiotics, prostaglandins, THC in urine.
- Tube format is available in 7 tube sizes.
- Cartridge format is available in 300mg and 600mg size.
- Tubes or cartridges are packaged in zip sealing bag protective from moisture and light.
- Includes a Performance report including the QC results, lot chromatogram and lot recovery test.



Chemical structure



Chemical structure of Diol (2,3-Dihydroxypropoxypropyl) silane, covalently bonded to the surface of a silica particle.

Specifications

Phase	Diol (2,3-Dihydroxypropoxypropyl)
Base	Irregular-shaped Silica
Particle Size (µm) ¹	45-65
Pore Size (Å) ²	60-80
Surface Area (m ² /g)	450-550
Carbon Load (%)	7
Endcap	No
pH Stability	2-9

VertiPak™ Diol Tubes

Bed Weight	Tube Size	QTY	Part No.
50mg	1mL	100	0114-0236
50mg	3mL	50	0114-0245
100mg	1mL	100	0114-0336
100mg	3mL	50	0114-0345
100mg	10mL	30	0114-0364
200mg	3mL	50	0114-0445
200mg	10mL	30	0114-0464
500mg	3mL	50	0114-0645
500mg	6mL	30	0114-0654
500mg	10mL	30	0114-0664
1,000mg	6mL	30	0114-0954
2,000mg	12mL	30	0114-1074
5,000mg	35mL	20	0114-1282
10,000mg	60mL	16	0114-1391

VertiPak™ Diol Cartridges

Bed Weight	QTY	Part No.
300mg	25	0114-0503
300mg	50	0114-0505
300mg	100	0114-0506
600mg	25	0114-0703
600mg	50	0114-0705
600mg	100	0114-0706

1,2 VertiPak™ Diol-LP with particle size of 60-120µm and pore size of 120-140 Å are available upon request.