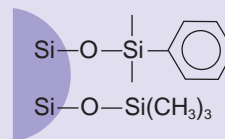


## VertiPak™ PH

- VertiPak™ PH SPE is moderately non-polar, hydrophobic sorbent, manufactured using a trifunctional silane and endcapped to reduce the polar secondary interactions associated with surface silanol groups.
- Less retentive than VertiPak™ C18 and exhibits a different selectivity from VertiPak™ C18 or VertiPak™ C8 due to the electron density of the phenyl ring.
- Typical applications includes molecules of wide range of polarity in water or aqueous biological samples e.g. aflatoxins in foods, caffeine in serum, phenols in water.
- 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 PH (Phenyl) silane and trimethyl silyl group, covalently bonded to the surface of a silica particle.

### Specifications

Phase	PH (Phenyl)
Base	Irregular-shaped Silica
Particle Size (µm) <sup>1</sup>	45-65
Pore Size (Å) <sup>2</sup>	60-80
Surface Area (m <sup>2</sup> /g)	450-550
Carbon Load (%)	9
Endcap	Yes
pH Stability	2-9

### VertiPak™ PH SPE Tubes

Bed Weight	Tube Size	QTY	Part No.
50mg	1mL	100	0109-0236
50mg	3mL	50	0109-0245
100mg	1mL	100	0109-0336
100mg	3mL	50	0109-0345
100mg	10mL	30	0109-0364
200mg	3mL	50	0109-0445
200mg	10mL	30	0109-0464
500mg	3mL	50	0109-0645
500mg	6mL	30	0109-0654
500mg	10mL	30	0109-0664
1,000mg	6mL	30	0109-0954
2,000mg	12mL	30	0109-1074
5,000mg	35mL	20	0109-1282
10,000mg	60mL	16	0109-1391

### VertiPak™ PH SPE Cartridges

Bed Weight	QTY	Part No.
300mg	25	0109-0503
300mg	50	0109-0505
300mg	100	0109-0506
600mg	25	0109-0703
600mg	50	0109-0705
600mg	100	0109-0706

<sup>1,2</sup> VertiPak™ PH-LP with particle size of 60-120µm and pore size of 120-140 Å are available upon request.