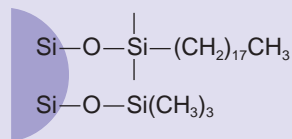


# Reversed Phase SPE

## VertiPak™ C18-HL (High Load)

- VertiPak™ C18-HL SPE is non-polar, hydrophobic sorbent, manufactured using a trifunctional silane and endcapped to reduce the polar secondary interactions associated with surface silanol groups.
- High carbon loading of 23% offers stronger retention.
- Typical applications includes nonpolar compounds antibiotics, drugs, fatty acid, pesticides, vitamins and etc.
- 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 C18 (Octadecyl) silane and trimethyl silyl group, covalently bonded to the surface of a silica particle.

### Specifications

Phase	C18 (Octadecyl)
Base	Irregular-shaped Silica
Particle Size (µm)	45-65
Pore Size (Å)	60-80
Surface Area (m <sup>2</sup> /g)	450-550
Carbon Load (%)	23
Endcap	Yes
pH Stability	2-9

### VertiPak™ C18-HL SPE Tubes

Bed Weight	Tube Size	QTY	Part No.
50mg	1mL	100	0102-0236
50mg	3mL	50	0102-0245
100mg	1mL	100	0102-0336
100mg	3mL	50	0102-0345
100mg	10mL	30	0102-0364
200mg	3mL	50	0102-0445
200mg	10mL	30	0102-0464
500mg	3mL	50	0102-0645
500mg	6mL	30	0102-0654
500mg	10mL	30	0102-0664
1,000mg	6mL	30	0102-0954
2,000mg	12mL	30	0102-1074
5,000mg	35mL	20	0102-1282
10,000mg	60mL	16	0102-1391

### VertiPak™ C18-HL SPE Cartridges

Bed Weight	QTY	Part No.
300mg	25	0102-0503
300mg	50	0102-0505
300mg	100	0102-0506
600mg	25	0102-0703
600mg	50	0102-0705
600mg	100	0102-0706

