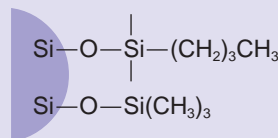


Reversed Phase SPE

VertiPak™ Butyl C4

- VertiPak™ C4 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™ C8 based on non-polar interaction and slightly more polar than C18 or C8 due to short chain length of C4.
- Typical applications include compounds which are too strongly retained on C18 or C8 e.g. analgetics in blood.
- 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 C4 (Butyl) silane and trimethyl silyl group, covalently bonded to the surface of a silica particle.

Specifications

Phase	C4 (Butyl)
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 (%)	8
Endcap	Yes
pH Stability	2-9

VertiPak™ C4 SPE Tubes

Bed Weight	Tube Size	QTY	Part No.
50mg	1mL	100	0128-0236
50mg	3mL	50	0128-0245
100mg	1mL	100	0128-0336
100mg	3mL	50	0128-2845
100mg	10mL	30	0128-0364
200mg	3mL	50	0128-0445
200mg	10mL	30	0128-0464
500mg	3mL	50	0128-0645
500mg	6mL	30	0128-0654
500mg	10mL	30	0128-0664
1,000mg	6mL	30	0128-0954
2,000mg	12mL	30	0128-1074
5,000mg	35mL	20	0128-1282
10,000mg	60mL	16	0128-1391

VertiPak™ C4 SPE Cartridges

Bed Weight	QTY	Part No.
300mg	25	0128-0503
300mg	50	0128-0505
300mg	100	0128-0506
600mg	25	0128-0703
600mg	50	0128-0705
600mg	100	0128-0706



^{1,2} VertiPak™ C4-LP with particle size of 60-120µm and pore size of 120-140 Å are available upon request.