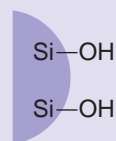


# Normal Phases SPE

## VertiPak™ SI

- VertiPak™ SI SPE is strongly polar, unfunctionalized silica sorbent.
- Ideal for selective separation of polar compounds of very similar structure.
- Typical applications include aflatoxins, chloramphenicol, pesticides, steroids, vitamins.
- 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 Silanol group on the surface of a silica particle.

### Specifications

Phase	SI, unfunctionalized
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 (%)	-
Endcap	No
pH Stability	2-9

### VertiPak™ SI Tubes

Bed Weight	Tube Size	QTY	Part No.
50mg	1mL	100	0111-0236
50mg	3mL	50	0111-0245
100mg	1mL	100	0111-0336
100mg	3mL	50	0111-0345
100mg	10mL	30	0111-0364
200mg	3mL	50	0111-0445
200mg	10mL	30	0111-0464
500mg	3mL	50	0111-0645
500mg	6mL	30	0111-0654
500mg	10mL	30	0111-0664
1,000mg	6mL	30	0111-0954
2,000mg	12mL	30	0111-1074
5,000mg	35mL	20	0111-1282
10,000mg	60mL	16	0111-1391

### VertiPak™ SI Cartridges

Bed Weight	QTY	Part No.
300mg	25	0111-0503
300mg	50	0111-0505
300mg	100	0111-0506
600mg	25	0111-0703
600mg	50	0111-0705
600mg	100	0111-0706



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