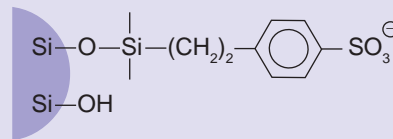


## VertiPak™ SCX

- VertiPak™ SCX SPE is strong cation-exchanger that exhibits both strong cation-exchange primary interaction and strong non-polar secondary interaction.
- Exhibits as the mixed-mode sorbent for organic compounds from aqueous matrix.
- Typical applications include positively charged basic compounds e.g. amino acids in urine, chlorophyll, PCBs.
- 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 SCX (Benzenesulfonic acid) silane, covalently bonded to the surface of a silica particle.

### Specifications

Phase	SCX (Benzenesulfonic acid)
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 (%)	11
Capacity (meq/g)	0.6
Endcap	No
pH Stability	2-9

### VertiPak™ SCX Tubes

Bed Weight	Tube Size	QTY	Part No.
50mg	1mL	100	0126-0236
50mg	3mL	50	0126-0245
100mg	1mL	100	0126-0336
100mg	3mL	50	0126-0345
100mg	10mL	30	0126-0364
200mg	3mL	50	0126-0445
200mg	10mL	30	0126-0464
500mg	3mL	50	0126-0645
500mg	6mL	30	0126-0654
500mg	10mL	30	0126-0664
1,000mg	6mL	30	0126-0954
2,000mg	12mL	30	0126-1074
5,000mg	35mL	20	0126-1282
10,000mg	60mL	16	0126-1391

### VertiPak™ SCX Cartridges

Bed Weight	QTY	Part No.
300mg	25	0126-0503
300mg	50	0126-0505
300mg	100	0126-0506
600mg	25	0126-0703
600mg	50	0126-0705
600mg	100	0126-0706

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