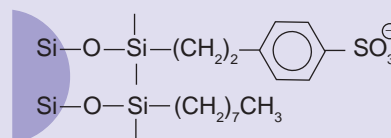


Specialty SPE

VertiPak™ C8/SCX

- VertiPak™ C8/SCX SPE is C8 and SCX covalently bonded to the surface of a silica particle.
- Exhibits as the mixed-mode sorbent for both reversed phase and cation-exchange interaction for basic compounds from biological fluids.
- Typical applications include basic drugs in urine, serum and blood e.g. amphetamine, methamphetamine, opiate, barbiturate, cocaine, THC
- 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 and C8 (Octyl) silane, covalently bonded to the surface of a silica particle.

Specifications

Phase	SCX (Benzenesulfonic acid) C8 (Octyl)
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 (%)	9
Capacity (meq/g)	0.6
Endcap	No
pH Stability	2-8

VertiPak™ C8/SCX Tubes

Bed Weight	Tube Size	QTY	Part No.
50mg	1mL	100	0130-0236
50mg	3mL	50	0130-0245
100mg	1mL	100	0130-0336
100mg	3mL	50	0130-0345
100mg	10mL	30	0130-0364
200mg	3mL	50	0130-0445
200mg	10mL	30	0130-0464
500mg	3mL	50	0130-0645
500mg	6mL	30	0130-0654
500mg	10mL	30	0130-0664
1,000mg	6mL	30	0130-0954
1,000mg	12mL	30	0130-0974
2,000mg	12mL	30	0130-1074
5,000mg	35mL	20	0130-1282
10,000mg	60mL	16	0130-1391

VertiPak™ C8/SCX Cartridges

Bed Weight	QTY	Part No.
300mg	25	0130-0503
300mg	50	0130-0505
300mg	100	0130-0506
600mg	25	0130-0703
600mg	50	0130-0705
600mg	100	0130-0706



^{1,2} VertiPak™ C8/SCX-LP with particle size of 60-120µm and pore size of 120-140 Å are available upon request.