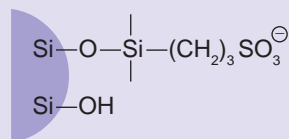


Ion Exchange SPE

VertiPak™ SCX-2

- VertiPak™ SCX-2 SPE is very strong cation-exchanger that exhibits strong cation-exchange primary interaction and very weak non-polar secondary interaction.
- Low capacity of 0.18 meq/g offers a unique set of selectivity properties.
- Typical applications include weak cations e.g. histidine in plasma
- 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-2 (Propylsulfonic acid) silane, covalently bonded to the surface of a silica particle.

Specifications

Phase	SCX-2 (Propylsulfonic acid)
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 (%)	2
Capacity (meq/g)	0.18
Endcap	No
pH Stability	2-9

VertiPak™ SCX-2 Tubes

Bed Weight	Tube Size	QTY	Part No.
50mg	1mL	100	0132-0236
50mg	3mL	50	0132-0245
100mg	1mL	100	0132-0336
100mg	3mL	50	0132-0345
100mg	10mL	30	0132-0364
200mg	3mL	50	0132-0445
200mg	10mL	30	0132-0464
500mg	3mL	50	0132-0645
500mg	6mL	30	0132-0654
500mg	10mL	30	0132-0664
1,000mg	6mL	30	0132-0954
2,000mg	12mL	30	0132-1074
5,000mg	35mL	20	0132-1282
10,000mg	60mL	16	0132-1391

VertiPak™ SCX-2 Cartridges

Bed Weight	QTY	Part No.
300mg	25	0132-0503
300mg	50	0132-0505
300mg	100	0132-0506
600mg	25	0132-0703
600mg	50	0132-0705
600mg	100	0132-0706



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