

Polymeric SPE

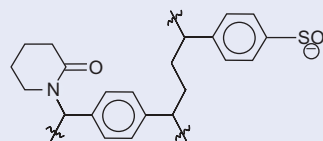
VertiPak™ HCP-SC

Sample Extraction

- VertiPak™ HCP-SC SPE is Polyamide-Divinylbenzene Copolymer-Sulfonate, (PA-DVBS) mixed-mode polymeric sorbent offering both strong reverse phase interaction and strong cation-exchange interaction with interference-free extraction, compatibility with LC-MS or GC-MS
- Exhibits very high binding capacity over mixed-mode silica-C8/SCX sorbent, up to 30% of sorbent weight allowing larger sample loads or a smaller sorbent bed resulting in high, reproducible recoveries and less solvent usage
- Exhibits excellent mass transfer and mechanical strength for basic polar compounds in an aqueous sample or a biological fluid sample
- Typical applications include basic drugs and metabolites from biological fluids, environmental pollutants from water, drugs of abuse and metabolites from urine e.g. amphetamine, methamphetamine, opiate, barbiturate, cocaine, THC
- Tube format is available in 4 tube sizes
- Tubes are packaged in zip sealing bag protective from moisture and light
- Includes Certificate of Analysis



Chemical structure



VertiPak™ HCP-SC (Polyamide-divinylbenzene Copolymer-Sulfonate, PA-DVBS)

Specifications

Base	HCP-SC (Polyamide-divinylbenzene Copolymer-Sulfonate, PA-DVBS)
Particle Size (µm)	30-50
Pore Size (Å)	80-90
Surface Area (m ² /g)	700-800
Carbon Load (%)	-
Endcap	No
pH Stability	1-14

Ordering Information

Bed Weight	Tube Size	QTY	Part No.
VertiPak™ HCP-SC SPE Tubes			
30mg	1mL	100	0143-0136
30mg	3mL	50	0143-0145
60mg	1mL	100	0143-1536
60mg	3mL	50	0143-1545
60mg	10mL	30	0143-1564
100mg	1mL	100	0143-0336
100mg	3mL	50	0143-0345
100mg	10mL	30	0143-0364
200mg	3mL	50	0143-0445
200mg	6mL	30	0143-0454
200mg	10mL	30	0143-0464
500mg	3mL	50	0143-0645
500mg	6mL	30	0143-0654
500mg	10mL	30	0143-0664