

VertiPak™ SAX/Carbograph

- VertiPak™ SAX/Carbograph SPE is double-layer SPE tube that contains both VertiPak™ Carbograph (upper layer) and VertiPak™ SAX (lower layer) sorbents that separated by PE frit.
- Specially used for multi-residue pesticides in foods e.g. fruits, vegetables.
- VertiPak™ SAX is the strongest anion-exchanger that offer minimum non-polar secondary interaction. As quaternary amine functional group is always charged, SAX is an excellent choice for removing of weak acids, and reducing of matrix compounds induced ion-suppression.
- VertiPak™ Carbograph is non-porous graphitized carbon black. Its surface contains oxygen complexes forming positively charged chemical heterogeneities on surface offering rapid primary reversed-phase interaction for multi-residue pesticides.
- Tube format is available in 7 tube sizes.
- Tubes 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.



SAX Specifications

Phase	SAX (Trimethylaminopropyl)
Base	Irregular-shaped Silica
Particle Size (µm)	45-65
Pore Size (Å)	60-80
Surface Area (m ² /g)	450-550
Carbon Load (%)	7
Capacity (meq/g)	0.6
Endcap	No
pH Stability	2-9

Carbograph Specifications

Base	Non-Porous Graphitized Carbon
Particle Size (µm)	35-120
Pore Size (Å)	-
Surface Area (m ² /g)	100-120
Carbon Load (%)	-
Endcap	No
pH Stability	-

VertiPak™ SAX/Carbograph Tubes

Bed Weight	Tube Size	QTY	Part No.
25/25mg	1mL	100	0127-0236
25/25mg	3mL	50	0127-0245
50/50mg	1mL	100	0127-0336
50/50mg	3mL	50	0127-0345
50/50mg	10mL	30	0127-0364
100/100mg	3mL	50	0127-0445
100/100mg	10mL	30	0127-0464
250/250mg	3mL	50	0127-0645
250/250mg	6mL	30	0127-0654
250/250mg	10mL	30	0127-0664
500/500mg	6mL	30	0127-0954
500/500mg	12mL	30	0127-0974
1,000/1,000mg	12mL	30	0127-1074
2,500/2,500mg	35mL	20	0127-1282
5,000/5,000mg	60mL	16	0127-1391