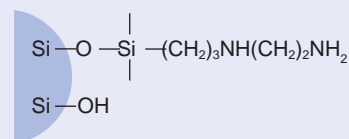


## VertiPak™ PSA

- VertiPak™ PSA (Primary, Secondary Amine) SPE is dual purpose sorbent that exhibits both as a weak anion exchanger and polar phase
- As a weak anion exchanger, PSA has 2 amine groups that offer higher ionic capacity than NH<sub>2</sub>. PSA also is a very good bidentate ligand, excellent for chelation with a number of metal ions. As a polar sorbent, the PSA sorbent can hydrogen bond with any molecule containing an -OH, -NH or -SH functional group when conditioned with a non-polar solvent such as hexane
- Typical applications include multiresidue pesticides, PAH
- Tube format is available in 7 tube sizes.
- Cartridge format is available in 300mg, 600mg and 900mg size
- Tubes or cartridges are packaged in zip sealing bag protective from moisture and light
- Includes Certificate of Analysis



### Chemical structure



VertiPak™ PSA (Ethylenediamine-N-propyl) silane, covalently bonded to the surface of a silica particle.

### Specifications

Phase	PSA (Ethylenediamine-N-propyl)
Base	Irregular-shaped Silica
Particle Size (µm)	50
Pore Size (Å)	60
Surface Area (m <sup>2</sup> /g)	500
Carbon Load (%)	7
Bonding	Trifunctional
Capacity (meq/g)	1.2
Endcap	No
pH Stability	2-9

### Ordering Information

Bed Weight	Tube Size	QTY	Part No.
<b>VertiPak™ PSA SPE Tubes</b>			
50mg	1mL	100	0107-0236
50mg	3mL	50	0107-0245
100mg	1mL	100	0107-0336
100mg	3mL	50	0107-0345
100mg	10mL	30	0107-0364
200mg	3mL	50	0107-0445
200mg	10mL	30	0107-0464
500mg	3mL	50	0107-0645
500mg	6mL	30	0107-0654
500mg	10mL	30	0107-0664
1,000mg	6mL	30	0107-0954
2,000mg	12mL	30	0107-1074
5,000mg	25mL	20	0107-12A2
5,000mg	35mL	20	0107-1282
10,000mg	60mL	16	0107-1391
<b>VertiPak™ PSA SPE Cartridges</b>			
300mg		25	0107-0503
300mg		50	0107-0505
300mg		100	0107-0506
600mg		25	0107-0713
600mg		50	0107-0715
600mg		100	0107-0716
900mg		25	0107-0823
900mg		50	0107-0825
900mg		100	0107-0826