

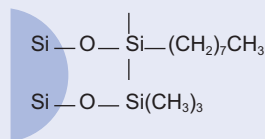
# Reversed Phase SPE

## VertiPak™ C8

- VertiPak™ C8 SPE is moderately non-polar, hydrophobic sorbent, manufactured using a trifunctional silane and endcapped to reduce the polar secondary interactions associated with surface silanol groups
- Less retentive than VertiPak™ C18 based on non-polar interaction
- Typical applications include molecules of wide range of polarity in water or aqueous biological samples e.g. pesticides or PCBs in water, vitamins in serum
- 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



Chemical structure of C8 (Octyl) silane and trimethyl silyl group, covalently bonded to the surface of a silica particle.

### Specifications

|                                  |                         |
|----------------------------------|-------------------------|
| Phase                            | C8 (Octyl)              |
| Base                             | Irregular-shaped Silica |
| Particle Size (µm)               | 50                      |
| Pore Size (Å)                    | 60                      |
| Surface Area (m <sup>2</sup> /g) | 500                     |
| Carbon Load (%)                  | 12                      |
| Bonding                          | Trifunctional           |
| Endcap                           | Yes                     |
| pH Stability                     | 2-9                     |

### Ordering Information

| Bed Weight                         | Tube Size | QTY | Part No.  |
|------------------------------------|-----------|-----|-----------|
| <b>VertiPak™ C8 SPE Tubes</b>      |           |     |           |
| 50mg                               | 1mL       | 100 | 0106-0236 |
| 50mg                               | 3mL       | 50  | 0106-0245 |
| 100mg                              | 1mL       | 100 | 0106-0336 |
| 100mg                              | 3mL       | 50  | 0106-0345 |
| 100mg                              | 10mL      | 30  | 0106-0364 |
| 200mg                              | 3mL       | 50  | 0106-0445 |
| 200mg                              | 10mL      | 30  | 0106-0464 |
| 500mg                              | 3mL       | 50  | 0106-0645 |
| 500mg                              | 6mL       | 30  | 0106-0654 |
| 500mg                              | 10mL      | 30  | 0106-0664 |
| 1,000mg                            | 6mL       | 30  | 0106-0954 |
| 2,000mg                            | 12mL      | 30  | 0106-1074 |
| 5,000mg                            | 25mL      | 20  | 0106-12A2 |
| 5,000mg                            | 35mL      | 20  | 0106-1282 |
| 10,000mg                           | 60mL      | 16  | 0106-1391 |
| <b>VertiPak™ C8 SPE Cartridges</b> |           |     |           |
| 300mg                              |           | 25  | 0106-0503 |
| 300mg                              |           | 50  | 0106-0505 |
| 300mg                              |           | 100 | 0106-0506 |
| 600mg                              |           | 25  | 0106-0713 |
| 600mg                              |           | 50  | 0106-0715 |
| 600mg                              |           | 100 | 0106-0716 |
| 900mg                              |           | 25  | 0106-0823 |
| 900mg                              |           | 50  | 0106-0825 |
| 900mg                              |           | 100 | 0106-0826 |