

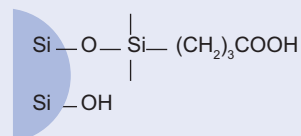
# Ion Exchange SPE

## VertiPak™ CBA

- VertiPak™ CBA SPE is medium polar weak cation-exchanger that exhibits weak cation-exchange primary interaction and polar or non-polar secondary interaction
- Exhibits as the mixed-mode sorbent for basic polar compounds from aqueous matrix without base modifiers
- Typical applications include positively charged basic compounds e.g. amino acids in urine, angiotensins in plasma, vasopressin in urine
- 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



### Chemical structure



Chemical structure of CBA (Carboxylic acid) silane, covalently bonded to the surface of a silica particle.

### Specifications

|                                  |                         |
|----------------------------------|-------------------------|
| Phase                            | CBA (Carboxylic acid)   |
| 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)                 | 0.3                     |
| Endcap                           | No                      |
| pH Stability                     | 2-9                     |

### Ordering Information

| Bed Weight                          | Tube Size | QTY | Part No.  |
|-------------------------------------|-----------|-----|-----------|
| <b>VertiPak™ CBA SPE Tubes</b>      |           |     |           |
| 50mg                                | 1mL       | 100 | 0137-0236 |
| 50mg                                | 3mL       | 50  | 0137-0245 |
| 100mg                               | 1mL       | 100 | 0137-0336 |
| 100mg                               | 3mL       | 50  | 0137-0345 |
| 100mg                               | 10mL      | 30  | 0137-0364 |
| 200mg                               | 3mL       | 50  | 0137-0445 |
| 200mg                               | 10mL      | 30  | 0137-0464 |
| 500mg                               | 3mL       | 50  | 0137-0645 |
| 500mg                               | 6mL       | 30  | 0137-0654 |
| 500mg                               | 10mL      | 30  | 0137-0664 |
| 1,000mg                             | 6mL       | 30  | 0137-0954 |
| 2,000mg                             | 12mL      | 30  | 0137-1074 |
| 5,000mg                             | 25mL      | 20  | 0137-12A2 |
| 5,000mg                             | 35mL      | 20  | 0137-1282 |
| 10,000mg                            | 60mL      | 16  | 0137-1391 |
| <b>VertiPak™ CBA SPE Cartridges</b> |           |     |           |
| 300mg                               |           | 25  | 0137-0503 |
| 300mg                               |           | 50  | 0137-0505 |
| 300mg                               |           | 100 | 0137-0506 |
| 600mg                               |           | 25  | 0137-0713 |
| 600mg                               |           | 50  | 0137-0715 |
| 600mg                               |           | 100 | 0137-0716 |
| 900mg                               |           | 25  | 0137-0823 |
| 900mg                               |           | 50  | 0137-0825 |
| 900mg                               |           | 100 | 0137-0826 |