

## REVERSED PHASE SPE WITH SILICA BASED SORBENTS

### C8

BEKOLut® C8 is a trifunctional chemically modified reversed phase with high ligand density and hence, high capacity.

**Typ. appl.:** Polar and medium polar analytes from aqueous samples, if retention on C18 is too high and too much eluent would be required, e.g. steroids from serum.

- ⬆️ **Basis material:** spherical silica
- ⬆️ **Pore size:** 100 Angstrom
- μ **Particle size:** 40-63 μm
- ⬆️ **Functional group:** C8
- EC **Endcapping:** no
- C **Carbon content:** > 9%
- ⬆️ **Phase mechanism:** non-polar, reversed phase

### C18

BEKOLut® C18 is a non-endcapped reversed phase (octadecyl phase). Its silica surface possesses free silanol groups that can effect secondary interactions with basic compounds.

**Typical appl.:** Polar and medium polar analytes from aqueous sample solutions, e.g. pesticides from water, neutral drugs from biological matrices.

- ⬆️ **Basis material:** spherical silica
- ⬆️ **Pore size:** 100 Angstrom
- μ **Particle size:** 40-63 μm
- ⬆️ **Functional group:** C18
- EC **Endcapping:** no
- C **Carbon content:** > 15%
- ⬆️ **Phase mechanism:** non-polar, reversed phase

### C18e

BEKOLut® C18e is a reversed phase with endcapping, based on spherical silica with suitable specific surface area and 100 Angström pore size.

**Typ. appl.:** non-polar compounds from aqueous solution, e.g. parabenes from cosmetics, 16 EPA PAHs from water.

- ⬆️ **Basis material:** spherical silica
- ⬆️ **Pore size:** 100 Angstrom
- μ **Particle size:** 40-63 μm
- ⬆️ **Functional group:** C18
- EC **Endcapping:** yes
- C **Carbon content:** > 16%
- ⬆️ **Phase mechanism:** non-polar, reversed phase

## ORDER INFORMATION

Sorbent weight	Volume	Unit / Pck.	C8 Order number	C18 Order number	C18e Order number
100 mg	1 ml	100	B01-200-A010	B01-100-A010	B01-101-A010
200 mg	3 ml	50	B03-200-A020	B03-100-A020	B03-101-A020
500 mg	3 ml	50	B03-200-A050	B03-100-A050	B03-101-A050
500 mg	6 ml	30	B06-200-A050	B06-100-A050	B06-101-A050
1 g	6 ml	30	B06-200-A100	B06-100-A100	B06-101-A100
2 g	15 ml	20	B15-200-A200	B15-100-A200	B15-101-A200

Also available as 6 mL, 15 mL and 25 mL glass cartridges, as LRC columns and 96-well-plates