# LiChrolut® Columns

## Reliable and rapid solid-phase extraction

The primary goal of solid-phase extraction with LiChrolut® columns is the selective extraction of the components of interest from a complex sample or much larger sample volume prior to actual analysis (e.g., HPLC, GC, TLC). As solid-phase extraction works on the principle of liquid chromatography, this is achieved by using strong but reversible interactions between the analyte and surface of the stationary phase. Typical interactions are hydrophobic (i.e., Van der Waals forces), polar (i.e., hydrogen bonding, dipole-dipole forces) and ion exchange interactions. Interaction between stationary phase and matrix should not occur.

### Features & Benefits

- Higher recoveries without the formation of emulsion
- High precision of analytical results through use of disposable cartridges
- Optimized, validated and certified manufacturing

### Applications

Solid Phase Extraction

### Ordering Information

| Description | Qty/Pk | Catalogue No. |
|---|---|---|
| LiChrolut® EN (40-120 µm), 200 mg, 3 mL, PP | 30 pc | 1.19870.0001 |
| LiChrolut® EN (40-120 µm), 200 mg, 6 mL, PP | 30 pc | 1.19941.0001 |
| LiChrolut® RP-18 (40-63 µm), 200 mg, 3 mL PP | 50 pc | 1.02014.0001 |
| LiChrolut® RP-18 endcapped (40-63 µm), 200 mg, 3 mL PP | 50 pc | 1.19847.0001 |
| LiChrolut® Si (40-63 µm), 200 mg, 3 mL PP | 50 pc | 1.02021.0001 |
| LiChrolut® CN (40-63 µm), 200 mg, 3 mL PP | 50 pc | 1.19698.0001 |
| Florisil® (150-250 µm), 1.000 mg, 6 mL PP | 30 pc | 1.19127.0001 |
| LiChrolut® SCX (40-63 µm), 200 mg, 3 mL PP | 50 pc | 1.02016.0001 |
| LiChrolut® TSC (40-63 µm), 300 mg, 3 mL PP | 50 pc | 1.19767.0001 |

For more information visit: www.merckmillipore.com/lichrolut