

# Finisterre™ SPE Cartridges Tk

## Finisterre C18 SPE Columns



Is the traditional matrix for reversed-phase chromatography. The high loading provides the highest degree of hydrophobicity

**Retention Mechanism:** Reverse phase, one of the most hydrophobic phases

**Functional Group:** Polymerically bonded octadecyl C18 endcapped. High Capacity C18

**Endcapped:** yes

**Higher Carbon Load:** 17.0 %

**Silica Base:** Irregular Shape

**Average Particle Size:** 50 µm

**Pore Diameter:** 60 Å

**Hardware:** Polypropylene

**Frit:** Polyethylene 20 µm porosity

### Applications

Isolation of hydrophobic species from solution

Compounds retained are Non- polar to moderately polar in a polar matrix.

- Drugs in serum, plasma and urine
- Desalting of peptides
- Organic acids in wine
- Pesticides in water by trace enrichment.

Finisterre C18 High Capacity C18 are Equivalent to:

Baker C18, Macherey –Nagel C18–ec, Macherey –Nagel C18–ecf, Phenomenex C 18-E, Supelco DSC-18, Supelco ENVI-18, Varian C 18, Waters C18, Whatman ODS-5

Cat.No	Description		pk
TR-F034000	Finisterre SPE Columns C18/17%	100mg/1ml	100
TR-F034002	Finisterre SPE Columns C18/17%	200mg/3ml	50
TR-F034004	Finisterre SPE Columns C18/17%	500mg/3ml	50
TR-F034006	Finisterre SPE Columns C18/17%	500mg/6ml	30
TR-F034008	Finisterre SPE Columns C18/17%	1000mg/6ml	30
TR-F034010	Finisterre SPE Columns C18/17%	1000mg/10ml	20

## Finisterre C8 SPE Columns



**Retention Mechanism:** Reverse phase.

**Functional Group:** Octyl (C8)

**Endcapped:** yes

**Higher Carbon Load:** 8.5 %

**Silica Base:**

**Average Particle Size** 50 µm

**Pore Diameter:** 60 Å

**Hardware:** Polypropylene

**Frit:** Polyethylene 20 µm porosity

### Applications

For compounds retained too strongly on C18

Cat.No	Description		pk
TR-F034020	Finisterre SPE Columns C8	100mg/1ml	100
TR-F034022	Finisterre SPE Columns C8	200mg/3ml	50
TR-F034024	Finisterre SPE Columns C8	500mg/3ml	50
TR-F034026	Finisterre SPE Columns C8	500mg/6ml	30
TR-F034028	Finisterre SPE Columns C8	1000mg/6ml	30
TR-F034030	Finisterre SPE Columns C8	1000mg/12ml	20

## Finisterre C4 SPE Columns



**Retention Mechanism:** Reverse phase.

**Functional Group:** Butyl (C4)

**Endcapped:** yes

**Higher Carbon Load:** 5.0 %

**Silica Base:**

**Average Particle Size** 50 µm

**Pore Diameter:** 60 Å

**Hardware:** Polypropylene

**Frit:** Polyethylene 20 µm porosity

### Applications

For compounds retained too strongly on C18 or C8

Cat.No	Description		pk
TR-F034040	Finisterre SPE Columns C4	100mg/1ml	100
TR-F034042	Finisterre SPE Columns C4	200mg/3ml	50
TR-F034044	Finisterre SPE Columns C4	500mg/3ml	50
TR-F034046	Finisterre SPE Columns C4	500mg/6ml	30
TR-F034048	Finisterre SPE Columns C4	1000mg/6ml	30
TR-F034050	Finisterre SPE Columns C4	1000mg/12ml	20

Distributed by:



**Carl Stuart Limited**

ADVANCED APPLIED TECHNOLOGIES

Contact Us:

Irl Ph: 01 4523432

UK Ph: 08452 30 40 30

Web: www.carlstuart.com

Email: info@carlstuart.com

the fresh breeze of chromatography™