

HPLC for Small Molecules

SUPELCOSIL™: Hydrophobic Phases

SUPELCOSIL™ LC-18 HPLC Column (continued)

I.D. (mm)	L (cm)	Cat. No.	Qty
4.0	30	59165	1 ea
4.6	5	58239	1 ea
4.6	10	59209	1 ea
4.6	15	58230-U	1 ea
4.6	25	58298	1 ea
10	25	58368	1 ea
21.2	25	54849	1 ea
particle size 12 µm			
4.6	25	59182	1 ea
21.2	25	59185	1 ea
particle size 3 µm			
4.6	20	58615-U	1 ea

SUPELCOSIL™ LC-18 Supelguard™ Cartridge

use to protect LC-18, LC-PAH

matrix silica gel high purity, spherical
 phase octadecyl
 pore size 120 Å
 pH-range 2 - 7.5
 temp. range <70 °C

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 5 µm			
2.1	2	59613	2 ea
2.1	2	59612	1 kit
3.0	2	59564C30	2 ea
4.0	2	59564	2 ea
4.0	2	59554	1 kit

Kit includes one cartridge, a stand-alone holder, a piece of tubing, 2 nuts and ferrules.

SUPELCOSIL™ LC-18-DB HPLC Column

SUPELCOSIL LC-DB phases are specially deactivated for basic compounds. These columns provide shorter retention, better peak shape, and higher efficiency for organic bases than can be obtained on other Type A silica reversed-phase columns.

suitable for L1 per USP

loading 11.0% Carbon
 particle platform silica gel, spherical
 phase octadecyl
 surface coverage 3.1 µmol/m²
 surface area 170 m²/g
 endcapped Yes
 pore size 120 Å

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 3 µm			
2.1	25	57943	1 ea
3.0	3.3	58978C30	1 ea
3.0	7.5	58992C30	1 ea
3.0	15	58993C30	1 ea
4.0	15	58993C40	1 ea
4.6	3.3	58978	1 ea
4.6	7.5	58992	1 ea
4.6	15	58993	1 ea
particle size 5 µm			
2.1	25	57940	1 ea
3.0	10	59208C30	1 ea
3.0	15	58348C30	1 ea
3.0	25	58355C30	1 ea
4.0	15	58348C40	1 ea
4.0	25	58355C40	1 ea
4.0	30	59164	1 ea
4.6	5	58345	1 ea

I.D. (mm)	L (cm)	Cat. No.	Qty
4.6	10	59208	1 ea
4.6	15	58348	1 ea
4.6	25	58355-U	1 ea
10	25	58358	1 ea
21.2	25	54851	1 ea

SUPELCOSIL™ LC-18-DB Supelguard™ Cartridge

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 5 µm			
2.1	2	59617	2 ea
2.1	2	59616	1 kit
3.0	2	59565C30	2 ea
4.0	2	59565	2 ea
4.0	2	59555	1 kit

Kit includes one cartridge, a stand-alone holder, a piece of tubing, 2 nuts and ferrules.

SUPELCOSIL™ LC-8 HPLC Column

A phase less hydrophobic than C18. Provides less retention of both polar and non-polar compounds than C18. Use a mobile phase containing 5% less organic modifier for the C8 column than C18. Polar compounds are, relatively, more strongly retained on C8 than C18 columns.

suitable for L7 per USP

loading 6.0% carbon
 particle platform silica gel, spherical
 phase octyl
 surface coverage 3.2 µmol/m²
 surface area 170 m²/g
 endcapped Yes
 pore size 120 Å
 pH-range 2 - 7.5
 temp. range ≤70 °C

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 3 µm			
3.0	3.3	58975C30	1 ea
3.0	7.5	58982C30	1 ea
3.0	15	58983C30	1 ea
4.0	15	58983C40	1 ea
4.6	3.3	58975	1 ea
4.6	7.5	58982	1 ea
4.6	15	58983	1 ea
particle size 5 µm			
2.1	25	57929	1 ea
3.0	25	58297C30	1 ea
4.0	15	58220C40	1 ea
4.0	25	58297C40	1 ea
4.6	5	58238	1 ea
4.6	15	58220-U	1 ea
4.6	25	58297	1 ea
10	25	58367	1 ea
particle size 3 µm			
4.6	25	57997-U	1 ea

SUPELCOSIL™ LC-8 Supelguard™ Cartridge

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 5 µm			
2.1	2	59615	2 ea
2.1	2	59614	1 kit
3.0	2	59562C30	2 ea
4.0	2	59562	2 ea
4.0	2	59552	1 kit