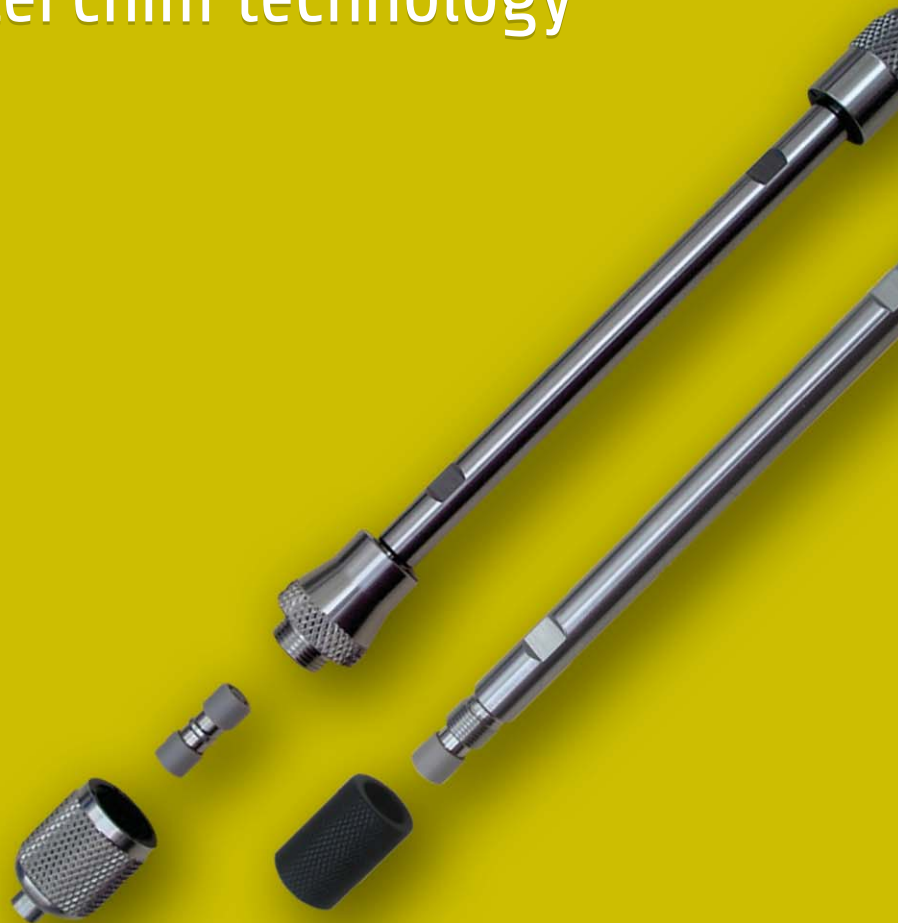


Analysis - HPLC - Interchim technology



Interchrom columns

Interchrom preparative columns

Column & Guard cartridge

The logo for imChem, with "im" in a green script font and "Chem" in a blue sans-serif font.



SOMMAIRE

Analysis – HPLC – Interchim technology



Interchrom columns

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Column & Guard cartridge

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INTERCHROM COLUMNS

Interchrom HPLC columns

Interchrom HPLC columns combine the benefits associated with Modulo-Cart hardware (see P. A28) with a range of original proprietary stationary phases from different manufacturers, highlighted on the following page.

The Interchrom range has been in production at Interchim's facilities for over 30 years. Each column is supplied with a report similar to that shown to guarantee column integrity.

Column specific reports detail :

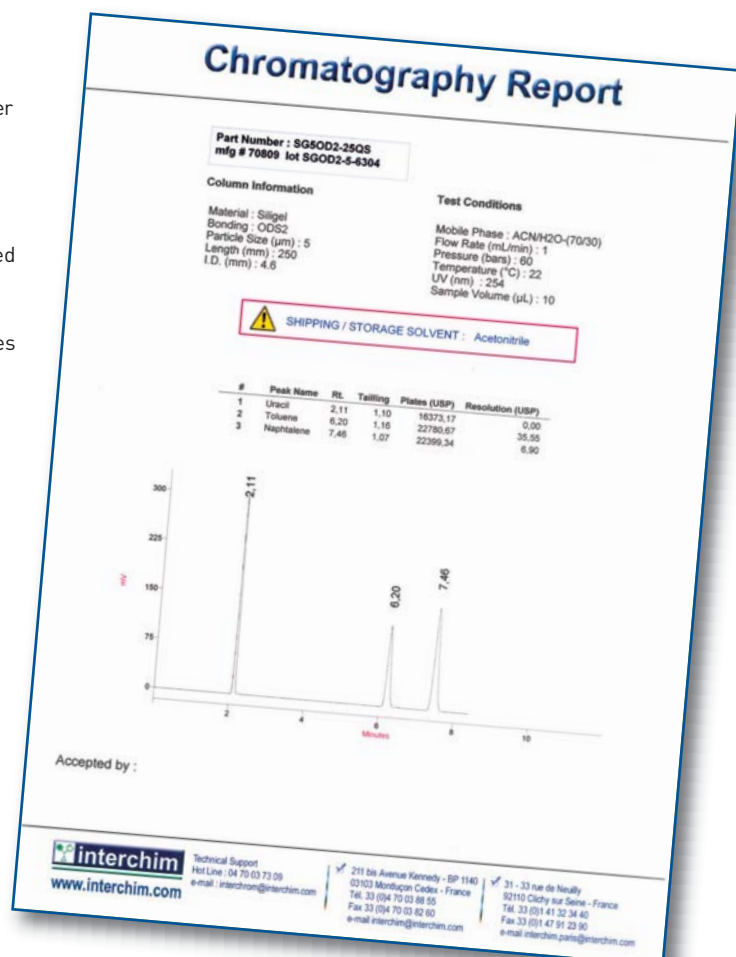
- Reference & Column number
- Stationary phase profile
- Column dimensions
- Verification of column performance, under stated test conditions
- Column storage solvent

Our whole range of Interchrom columns are shipped within 24 hours of ordering.

Interchrom columns may be available with the stationary phase /column dimensions of your choice. Please enquire.

Interchrom HPLC column guarantee

1. Interchrom columns always utilize the original manufacturer stationary phase relative to the patented brand owner.
2. Each phase batch undergoes strict quality control.
3. Every Modulo-Cart Quick Seal column is individually tested and delivered with its own chromatogram certificate.
4. Every Modulo-Cart Quick Seal produced fits the companies stringent standards of production.
5. Every Modulo-Cart



Develosil® 100 Å

Silica manufacturer : Nomura Chemical

Standard silica type A
Spherical
Surface area : 350 m²/g
pH stability: 2 < pH < 7,5

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 350 m ² /g %C : 20 end-capped 3.1 µmol/m ²	C18	3 µm	50 x 2.0 mm	DV3C18#3QS	DV3C18#3QK
	C18	3 µm	100 x 2.0 mm	DV3C18#10QS	DV3C18#10QK
	C18	3 µm	150 x 2.0 mm	DV3C18#13QS	DV3C18#13QK
	C18	3 µm	150 x 3.0 mm	DV3C18\$13QS	DV3C18\$13QK
	C18	3 µm	50 x 4.6 mm	DV3C18-3QS	DV3C18-3QK
	C18	3 µm	100 x 4.6 mm	DV3C18-10QS	DV3C18-10QK
	C18	3 µm	150 x 4.6 mm	DV3C18-13QS	DV3C18-13QK
	C18	5 µm	50 x 2.0 mm	DV5C18#5QS	DV5C18#5QK
	C18	5 µm	100 x 2.0 mm	DV5C18#10QS	DV5C18#10QK
	C18	5 µm	150 x 2.0 mm	DV5C18#15QS	DV5C18#15QK
	C18	5 µm	250 x 2.0 mm	DV5C18#25QS	DV5C18#25QK
	C18	5 µm	150 x 3.0 mm	DV5C18\$15QS	DV5C18\$15QK
	C18	5 µm	250 x 3.0 mm	DV5C18\$25QS	DV5C18\$25QK
	C18	5 µm	50 x 4.6 mm	DV5C18-5QS	DV5C18-5QK
	C18	5 µm	100 x 4.6 mm	DV5C18-10QS	DV5C18-10QK
	C18	5 µm	150 x 4.6 mm	DV5C18-15QS	DV5C18-15QK
C18	5 µm	250 x 4.6 mm	DV5C18-25QS	DV5C18-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 350 m ² /g %C : 13 end-capped 3.4 µmol/m ²	C8	5 µm	50 x 2.0 mm	DV5C8#5QS	DV5C8#5QK
	C8	5 µm	100 x 2.0 mm	DV5C8#10QS	DV5C8#10QK
	C8	5 µm	150 x 2.0 mm	DV5C8#15QS	DV5C8#15QK
	C8	5 µm	250 x 2.0 mm	DV5C8#25QS	DV5C8#25QK
	C8	5 µm	150 x 3.0 mm	DV5C8\$15QS	DV5C8\$15QK
	C8	5 µm	250 x 3.0 mm	DV5C8\$25QS	DV5C8\$25QK
	C8	5 µm	50 x 4.6 mm	DV5C8-5QS	DV5C8-5QK
	C8	5 µm	100 x 4.6 mm	DV5C8-10QS	DV5C8-10QK
	C8	5 µm	150 x 4.6 mm	DV5C8-15QS	DV5C8-15QK
	C8	5 µm	250 x 4.6 mm	DV5C8-25QS	DV5C8-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Methyl 100Å - 350 m ² /g %C : 5 4.2 µmol/m ²	C1	5 µm	50 x 2.0 mm	DV5C1#5QS	DV5C1#5QK
	C1	5 µm	100 x 2.0 mm	DV5C1#10QS	DV5C1#10QK
	C1	5 µm	150 x 2.0 mm	DV5C1#15QS	DV5C1#15QK
	C1	5 µm	250 x 2.0 mm	DV5C1#25QS	DV5C1#25QK
	C1	5 µm	150 x 3.0 mm	DV5C1\$15QS	DV5C1\$15QK
	C1	5 µm	250 x 3.0 mm	DV5C1\$25QS	DV5C1\$25QK
	C1	5 µm	50 x 4.6 mm	DV5C1-5QS	DV5C1-5QK
	C1	5 µm	100 x 4.6 mm	DV5C1-10QS	DV5C1-10QK
	C1	5 µm	150 x 4.6 mm	DV5C1-15QS	DV5C1-15QK
	C1	5 µm	250 x 4.6 mm	DV5C1-25QS	DV5C1-25QK

QS



QK



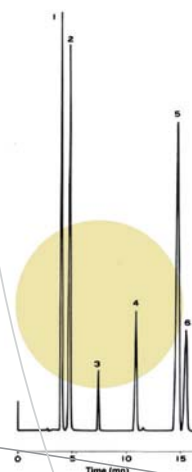
Develosil® 100 Å

Silica manufacturer : Nomura Chemical

Standard silica type A
Spherical
Surface area : 350 m²/g
pH stability: 2 < pH < 7,5

Column : Develosil ODS-5 (4,6 I.D. x 250 mm)
Solvent : 70 % CH₃OH - 30 % H₂O
Flow rate : 1.0 ml/min
Temperature : 30°C
Detection : UV254 nm

- 1 Methyl P-Hydroxybenzoate
- 2 Ethyl P-Hydroxybenzoate
- 3 Benzene
- 4 Toluene
- 5 Naphthalene
- 6 Ethylbenzene



	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Cyano 100Å - 350 m ² /g	CN	5 µm	50 x 2.0 mm	DV5CN#5QS	DV5CN#5QK
	CN	5 µm	100 x 2.0 mm	DV5CN#10QS	DV5CN#10QK
	CN	5 µm	150 x 2.0 mm	DV5CN#15QS	DV5CN#15QK
	CN	5 µm	250 x 2.0 mm	DV5CN#25QS	DV5CN#25QK
	CN	5 µm	150 x 3.0 mm	DV5CN\$15QS	DV5CN\$15QK
	CN	5 µm	250 x 3.0 mm	DV5CN\$25QS	DV5CN\$25QK
	CN	5 µm	50 x 4.6 mm	DV5CN-5QS	DV5CN-5QK
	CN	5 µm	100 x 4.6 mm	DV5CN-10QS	DV5CN-10QK
	CN	5 µm	150 x 4.6 mm	DV5CN-15QS	DV5CN-15QK
CN	5 µm	250 x 4.6 mm	DV5CN-25QS	DV5CN-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Amino 100Å - 350 m ² /g %C : 3 non end-capped 2.6 µmol/m ²	NH ₂	5 µm	50 x 2.0 mm	DV5NH ₂ #5QS	DV5NH ₂ #5QK
	NH ₂	5 µm	100 x 2.0 mm	DV5NH ₂ #10QS	DV5NH ₂ #10QK
	NH ₂	5 µm	150 x 2.0 mm	DV5NH ₂ #15QS	DV5NH ₂ #15QK
	NH ₂	5 µm	250 x 2.0 mm	DV5NH ₂ #25QS	DV5NH ₂ #25QK
	NH ₂	5 µm	150 x 3.0 mm	DV5NH ₂ \$15QS	DV5NH ₂ \$15QK
	NH ₂	5 µm	250 x 3.0 mm	DV5NH ₂ \$25QS	DV5NH ₂ \$25QK
	NH ₂	5 µm	50 x 4.6 mm	DV5NH ₂ -5QS	DV5NH ₂ -5QK
	NH ₂	5 µm	100 x 4.6 mm	DV5NH ₂ -10QS	DV5NH ₂ -10QK
	NH ₂	5 µm	150 x 4.6 mm	DV5NH ₂ -15QS	DV5NH ₂ -15QK
NH ₂	5 µm	250 x 4.6 mm	DV5NH ₂ -25QS	DV5NH ₂ -25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Phenyl 100Å - 350 m ² /g %C : 10 end-capped 3.1 µmol/m ²	PH	5 µm	50 x 2.0 mm	DV5PH#5QS	DV5PH#5QK
	PH	5 µm	100 x 2.0 mm	DV5PH#10QS	DV5PH#10QK
	PH	5 µm	150 x 2.0 mm	DV5PH#15QS	DV5PH#15QK
	PH	5 µm	250 x 2.0 mm	DV5PH#25QS	DV5PH#25QK
	PH	5 µm	150 x 3.0 mm	DV5PH\$15QS	DV5PH\$15QK
	PH	5 µm	250 x 3.0 mm	DV5PH\$25QS	DV5PH\$25QK
	PH	5 µm	50 x 4.6 mm	DV5PH-5QS	DV5PH-5QK
	PH	5 µm	100 x 4.6 mm	DV5PH-10QS	DV5PH-10QK
	PH	5 µm	150 x 4.6 mm	DV5PH-15QS	DV5PH-15QK
PH	5 µm	250 x 4.6 mm	DV5PH-25QS	DV5PH-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 100Å - 350 m ² /g	SI	5 µm	50 x 2.0 mm	DV5#5QS	DV5#5QK
	SI	5 µm	100 x 2.0 mm	DV5#10QS	DV5#10QK
	SI	5 µm	150 x 2.0 mm	DV5#15QS	DV5#15QK
	SI	5 µm	250 x 2.0 mm	DV5#25QS	DV5#25QK
	SI	5 µm	150 x 3.0 mm	DV5\$15QS	DV5\$15QK
	SI	5 µm	250 x 3.0 mm	DV5\$25QS	DV5\$25QK
	SI	5 µm	50 x 4.6 mm	DV5-5QS	DV5-5QK
	SI	5 µm	100 x 4.6 mm	DV5-10QS	DV5-10QK
	SI	5 µm	150 x 4.6 mm	DV5-15QS	DV5-15QK
SI	5 µm	250 x 4.6 mm	DV5-25QS	DV5-25QK	

Inertsil® 150 Å

Silica manufacturer : GL Sciences Inc.

Ultra pure silica 99.999 %
Spherical
Surface area : 320 m²/g
pH stability : 2 < pH < 9

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 150 Å - 320 m ² /g %C : 18,5 end-capped 3.22 μmol/m ²	OD2	5 μm	50 x 2.0 mm	IN50D2#5QS	IN50D2#5QK
	OD2	5 μm	100 x 2.0 mm	IN50D2#10QS	IN50D2#10QK
	OD2	5 μm	150 x 2.0 mm	IN50D2#15QS	IN50D2#15QK
	OD2	5 μm	250 x 2.0 mm	IN50D2#25QS	IN50D2#25QK
	OD2	3 μm	50 x 3.0 mm	IN50D2\$5QS	IN50D2\$5QK
	OD2	5 μm	150 x 3.0 mm	IN50D2\$15QS	IN50D2\$15QK
	OD2	5 μm	250 x 3.0 mm	IN50D2\$25QS	IN50D2\$25QK
	OD2	5 μm	50 x 4.6 mm	IN50D2-5QS	IN50D2-5QK
	OD2	5 μm	100 x 4.6 mm	IN50D2-10QS	IN50D2-10QK
	OD2	5 μm	150 x 4.6 mm	IN50D2-15QS	IN50D2-15QK
OD2	5 μm	250 x 4.6 mm	IN50D2-25QS	IN50D2-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 150 Å - 320 m ² /g %C : 10,5 end-capped 3.26 μmol/m ²	C8	5 μm	50 x 2.0 mm	IN5C8#5QS	IN5C8#5QK
	C8	5 μm	100 x 2.0 mm	IN5C8#10QS	IN5C8#10QK
	C8	5 μm	150 x 2.0 mm	IN5C8#15QS	IN5C8#15QK
	C8	5 μm	250 x 2.0 mm	IN5C8#25QS	IN5C8#25QK
	C8	3 μm	50 x 3.0 mm	IN5C8\$5QS	IN5C8\$5QK
	C8	5 μm	150 x 3.0 mm	IN5C8\$15QS	IN5C8\$15QK
	C8	5 μm	250 x 3.0 mm	IN5C8\$25QS	IN5C8\$25QK
	C8	5 μm	50 x 4.6 mm	IN5C8-5QS	IN5C8-5QK
	C8	5 μm	100 x 4.6 mm	IN5C8-10QS	IN5C8-10QK
	C8	5 μm	150 x 4.6 mm	IN5C8-15QS	IN5C8-15QK
C8	5 μm	250 x 4.6 mm	IN5C8-25QS	IN5C8-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Butyl 150 Å - 320 m ² /g %C : 7,5 end-capped 3.76 μmol/m ²	C4	5 μm	50 x 2.0 mm	IN5C4#5QS	IN5C4#5QK
	C4	5 μm	100 x 2.0 mm	IN5C4#10QS	IN5C4#10QK
	C4	5 μm	150 x 2.0 mm	IN5C4#15QS	IN5C4#15QK
	C4	5 μm	250 x 2.0 mm	IN5C4#25QS	IN5C4#25QK
	C4	3 μm	50 x 3.0 mm	IN5C4\$5QS	IN5C4\$5QK
	C4	5 μm	150 x 3.0 mm	IN5C4\$15QS	IN5C4\$15QK
	C4	5 μm	250 x 3.0 mm	IN5C4\$25QS	IN5C4\$25QK
	C4	5 μm	50 x 4.6 mm	IN5C4-5QS	IN5C4-5QK
	C4	5 μm	100 x 4.6 mm	IN5C4-10QS	IN5C4-10QK
	C4	5 μm	150 x 4.6 mm	IN5C4-15QS	IN5C4-15QK
C4	5 μm	250 x 4.6 mm	IN5C4-25QS	IN5C4-25QK	



Inertsil® 150 Å

Silica manufacturer : GL Sciences Inc.

Ultra pure silica 99.999 %
Spherical
Surface area : 320 m²/g
pH stability : 2 < pH < 9

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Phenyl 150Å - 320 m ² /g %C : 10 end-capped 2.77 μmol/m ²	PH	5 μm	50 x 2.0 mm	IN5PH#5QS	IN5PH#5QK
	PH	5 μm	100 x 2.0 mm	IN5PH#10QS	IN5PH#10QK
	PH	5 μm	150 x 2.0 mm	IN5PH#15QS	IN5PH#15QK
	PH	5 μm	250 x 2.0 mm	IN5PH#25QS	IN5PH#25QK
	PH	3 μm	50 x 3.0 mm	IN5PH\$5QS	IN5PH\$5QK
	PH	5 μm	150 x 3.0 mm	IN5PH\$15QS	IN5PH\$15QK
	PH	5 μm	250 x 3.0 mm	IN5PH\$25QS	IN5PH\$25QK
	PH	5 μm	50 x 4.6 mm	IN5PH-5QS	IN5PH-5QK
	PH	5 μm	100 x 4.6 mm	IN5PH-10QS	IN5PH-10QK
	PH	5 μm	150 x 4.6 mm	IN5PH-15QS	IN5PH-15QK
	PH	5 μm	250 x 4.6 mm	IN5PH-25QS	IN5PH-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 150Å - 320 m ² /g	SI	5 μm	50 x 2.0 mm	IN5#5QS	IN5#5QK
	SI	5 μm	100 x 2.0 mm	IN5#10QS	IN5#10QK
	SI	5 μm	150 x 2.0 mm	IN5#15QS	IN5#15QK
	SI	5 μm	250 x 2.0 mm	IN5#25QS	IN5#25QK
	SI	3 μm	50 x 3.0 mm	IN5\$5QS	IN5\$5QK
	SI	5 μm	150 x 3.0 mm	IN5\$15QS	IN5\$15QK
	SI	5 μm	250 x 3.0 mm	IN5\$25QS	IN5\$25QK
	SI	5 μm	50 x 4.6 mm	IN5-5QS	IN5-5QK
	SI	5 μm	100 x 4.6 mm	IN5-10QS	IN5-10QK
	SI	5 μm	150 x 4.6 mm	IN5-15QS	IN5-15QK
	SI	5 μm	250 x 4.6 mm	IN5-25QS	IN5-25QK

Inertsil® 100 Å

Silica manufacturer : GL Sciences Inc.

Ultra pure silica 99,999 %
Spherical
Surface area : 450 m²/g
pH stability: 1 < pH < 9

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 450 m ² /g %C : 15 end-capped μmol/m ²	ODS-3	3 μm	50 x 2.0 mm	IN30D3#5QS	IN30D3#5QK
	ODS-3	3 μm	100 x 2.0 mm	IN30D3#10QS	IN30D3#10QK
	ODS-3	3 μm	150 x 2.0 mm	IN30D3#15QS	IN30D3#15QK
	ODS-3	3 μm	50 x 3.0 mm	IN30D3\$5QS	IN30D3\$5QK
	ODS-3	3 μm	150 x 3.0 mm	IN30D3\$15QS	IN30D3\$15QK
	ODS-3	3 μm	50 x 4.6 mm	IN30D3-5QS	IN30D3-5QK
	ODS-3	3 μm	100 x 4.6 mm	IN30D3-10QS	IN30D3-10QK
	ODS-3	3 μm	150 x 4.6 mm	IN30D3-15QS	IN30D3-15QK
	ODS-3	3 μm	250 x 4.6 mm	IN30D3-25QS	IN30D3-25QK
	ODS-3	5 μm	50 x 2.0 mm	IN50D3#5QS	IN50D3#5QK
	ODS-3	5 μm	100 x 2.0 mm	IN50D3#10QS	IN50D3#10QK
	ODS-3	5 μm	150 x 2.0 mm	IN50D3#15QS	IN50D3#15QK
	ODS-3	5 μm	250 x 2.0 mm	IN50D3#25QS	IN50D3#25QK
	ODS-3	5 μm	50 x 3.0 mm	IN50D3\$5QS	IN50D3\$5QK
	ODS-3	5 μm	150 x 3.0 mm	IN50D3\$15QS	IN50D3\$15QK
	ODS-3	5 μm	250 x 3.0 mm	IN50D3\$25QS	IN50D3\$25QK
	ODS-3	5 μm	50 x 4.6 mm	IN50D3-5QS	IN50D3-5QK
	ODS-3	5 μm	100 x 4.6 mm	IN50D3-10QS	IN50D3-10QK
	ODS-3	5 μm	150 x 4.6 mm	IN50D3-15QS	IN50D3-15QK
	ODS-3	5 μm	250 x 4.6 mm	IN50D3-25QS	IN50D3-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 450 m ² /g %C : 9 end-capped	C8-3	3 µm	50 x 2.0 mm	IN3C83#5QS	IN3C83#5QK
	C8-3	3 µm	100 x 2.0 mm	IN3C83#10QS	IN3C83#10QK
	C8-3	3 µm	150 x 2.0 mm	IN3C83#15QS	IN3C83#15QK
	C8-3	3 µm	50 x 4.6 mm	IN3C83-5QS	IN3C83-5QK
	C8-3	3 µm	100 x 4.6 mm	IN3C83-10QS	IN3C83-10QK
	C8-3	3 µm	150 x 4.6 mm	IN3C83-15QS	IN3C83-15QK
	C8-3	5 µm	50 x 2.0 mm	IN5C83#5QS	IN5C83#5QK
	C8-3	5 µm	100 x 2.0 mm	IN5C83#10QS	IN5C83#10QK
	C8-3	5 µm	150 x 2.0 mm	IN5C83#15QS	IN5C83#15QK
	C8-3	5 µm	250 x 2.0 mm	IN5C83#25QS	IN5C83#25QK
	C8-3	5 µm	50 x 3.0 mm	IN5C83\$5QS	IN5C83\$5QK
	C8-3	5 µm	150 x 3.0 mm	IN5C83\$15QS	IN5C83\$15QK
	C8-3	5 µm	250 x 3.0 mm	IN5C83\$25QS	IN5C83\$25QK
	C8-3	5 µm	50 x 4.6 mm	IN5C83-5QS	IN5C83-5QK
	C8-3	5 µm	100 x 4.6 mm	IN5C83-10QS	IN5C83-10QK
	C8-3	5 µm	150 x 4.6 mm	IN5C83-15QS	IN5C83-15QK
C8-3	5 µm	250 x 4.6 mm	IN5C83-25QS	IN5C83-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Cyano 100Å - 450 m ² /g %C : 14 non end-capped	CN-3	3 µm	50 x 2.0 mm	IN3CN3#5QS	IN3CN3#5QK
	CN-3	3 µm	100 x 2.0 mm	IN3CN3#10QS	IN3CN3#10QK
	CN-3	3 µm	150 x 2.0 mm	IN3CN3#15QS	IN3CN3#15QK
	CN-3	3 µm	50 x 4.6 mm	IN3CN3-5QS	IN3CN3-5QK
	CN-3	3 µm	100 x 4.6 mm	IN3CN3-10QS	IN3CN3-10QK
	CN-3	3 µm	150 x 4.6 mm	IN3CN3-15QS	IN3CN3-15QK
	CN-3	5 µm	50 x 2.0 mm	IN5CN3#5QS	IN5CN3#5QK
	CN-3	5 µm	100 x 2.0 mm	IN5CN3#10QS	IN5CN3#10QK
	CN-3	5 µm	150 x 2.0 mm	IN5CN3#15QS	IN5CN3#15QK
	CN-3	5 µm	250 x 2.0 mm	IN5CN3#25QS	IN5CN3#25QK
	CN-3	5 µm	50 x 3.0 mm	IN5CN3\$5QS	IN5CN3\$5QK
	CN-3	5 µm	150 x 3.0 mm	IN5CN3\$15QS	IN5CN3\$15QK
	CN-3	5 µm	250 x 3.0 mm	IN5CN3\$25QS	IN5CN3\$25QK
	CN-3	5 µm	50 x 4.6 mm	IN5CN3-5QS	IN5CN3-5QK
	CN-3	5 µm	100 x 4.6 mm	IN5CN3-10QS	IN5CN3-10QK
	CN-3	5 µm	150 x 4.6 mm	IN5CN3-15QS	IN5CN3-15QK
CN-3	5 µm	250 x 4.6 mm	IN5CN3-25QS	IN5CN3-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Phenyl 100Å - 450 m ² /g %C : 9,5 end-capped	PH-3	3 µm	50 x 2.0 mm	IN3PH3#5QS	IN3PH3#5QK
	PH-3	3 µm	100 x 2.0 mm	IN3PH3#10QS	IN3PH3#10QK
	PH-3	3 µm	150 x 2.0 mm	IN3PH3#15QS	IN3PH3#15QK
	PH-3	3 µm	50 x 4.6 mm	IN3PH3-5QS	IN3PH3-5QK
	PH-3	3 µm	100 x 4.6 mm	IN3PH3-10QS	IN3PH3-10QK
	PH-3	3 µm	150 x 4.6 mm	IN3PH3-15QS	IN3PH3-15QK
	PH-3	5 µm	50 x 2.0 mm	IN5PH3#5QS	IN5PH3#5QK
	PH-3	5 µm	100 x 2.0 mm	IN5PH3#10QS	IN5PH3#10QK
	PH-3	5 µm	150 x 2.0 mm	IN5PH3#15QS	IN5PH3#15QK
	PH-3	5 µm	250 x 2.0 mm	IN5PH3#25QS	IN5PH3#25QK
	PH-3	5 µm	50 x 3.0 mm	IN5PH3\$5QS	IN5PH3\$5QK
	PH-3	5 µm	150 x 3.0 mm	IN5PH3\$15QS	IN5PH3\$15QK
	PH-3	5 µm	250 x 3.0 mm	IN5PH3\$25QS	IN5PH3\$25QK
	PH-3	5 µm	50 x 4.6 mm	IN5PH3-5QS	IN5PH3-5QK
	PH-3	5 µm	100 x 4.6 mm	IN5PH3-10QS	IN5PH3-10QK
	PH-3	5 µm	150 x 4.6 mm	IN5PH3-15QS	IN5PH3-15QK
PH-3	5 µm	250 x 4.6 mm	IN5PH3-25QS	IN5PH3-25QK	



Kromasil® 100 Å

Silica manufacturer : EKA Chemicals

Standard silica type A

Spherical

Surface area : 340 m²/g

pH stability : 1,5 < pH < 9,5

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 330 m ² /g %C : 20 end-capped 3.5 µmol/m ²	C18	3 µm	50 x 2.0 mm	KR3C18#5QS	KR3C18#5QK
	C18	3 µm	100 x 2.0 mm	KR3C18#10QS	KR3C18#10QK
	C18	3 µm	150 x 2.0 mm	KR3C18#15QS	KR3C18#15QK
	C18	3 µm	50 x 3.0 mm	KR3C18\$5QS	KR3C18\$5QK
	C18	3 µm	100 x 3.0 mm	KR3C18\$10QS	KR3C18\$10QK
	C18	3 µm	150 x 3.0 mm	KR3C18\$15QS	KR3C18\$15QK
	C18	3 µm	125 x 4.0 mm	KR3C18*12QS	KR3C18*12QK
	C18	3 µm	150 x 4.0 mm	KR3C18*15QS	KR3C18*15QK
	C18	3 µm	50 x 4.6 mm	KR3C18-5QS	KR3C18-5QK
	C18	3 µm	100 x 4.6 mm	KR3C18-10QS	KR3C18-10QK
	C18	3 µm	150 x 4.6 mm	KR3C18-15QS	KR3C18-15QK
	C18	5 µm	50 x 2.0 mm	KR5C18#5QS	KR5C18#5QK
	C18	5 µm	100 x 2.0 mm	KR5C18#10QS	KR5C18#10QK
	C18	5 µm	150 x 2.0 mm	KR5C18#15QS	KR5C18#15QK
	C18	5 µm	250 x 2.0 mm	KR5C18#25QS	KR5C18#25QK
	C18	5 µm	50 x 3.0 mm	KR5C18\$5QS	KR5C18\$5QK
	C18	5 µm	100 x 3.0 mm	KR5C18\$10QS	KR5C18\$10QK
	C18	5 µm	150 x 3.0 mm	KR5C18\$15QS	KR5C18\$15QK
	C18	5 µm	250 x 3.0 mm	KR5C18\$25QS	KR5C18\$25QK
	C18	5 µm	125 x 4.0 mm	KR5C18*12QS	KR5C18*12QK
	C18	5 µm	150 x 4.0 mm	KR5C18*15QS	KR5C18*15QK
	C18	5 µm	250 x 4.0 mm	KR5C18*25QS	KR5C18*25QK
	C18	5 µm	50 x 4.6 mm	KR5C18-5QS	KR5C18-5QK
	C18	5 µm	100 x 4.6 mm	KR5C18-10QS	KR5C18-10QK
	C18	5 µm	150 x 4.6 mm	KR5C18-15QS	KR5C18-15QK
	C18	5 µm	250 x 4.6 mm	KR5C18-25QS	KR5C18-25QK
C18	10 µm	250 x 4.6 mm	KR10C18-25QS	KR10C18-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 330 m ² /g %C : 12 end-capped 3.7 µmol/m ²	C8	5 µm	50 x 2.0 mm	KR5C8#5QS	KR5C8#5QK
	C8	5 µm	100 x 2.0 mm	KR5C8#10QS	KR5C8#10QK
	C8	5 µm	150 x 2.0 mm	KR5C8#15QS	KR5C8#15QK
	C8	5 µm	250 x 2.0 mm	KR5C8#25QS	KR5C8#25QK
	C8	5 µm	50 x 3.0 mm	KR5C8\$5QS	KR5C8\$5QK
	C8	5 µm	100 x 3.0 mm	KR5C8\$10QS	KR5C8\$10QK
	C8	5 µm	150 x 3.0 mm	KR5C8\$15QS	KR5C8\$15QK
	C8	5 µm	250 x 3.0 mm	KR5C8\$25QS	KR5C8\$25QK
	C8	5 µm	125 x 4.0 mm	KR5C8*12QS	KR5C8*12QK
	C8	5 µm	150 x 4.0 mm	KR5C8*15QS	KR5C8*15QK
	C8	5 µm	250 x 4.0 mm	KR5C8*25QS	KR5C8*25QK
	C8	5 µm	50 x 4.6 mm	KR5C8-5QS	KR5C8-5QK
	C8	5 µm	100 x 4.6 mm	KR5C8-10QS	KR5C8-10QK
	C8	5 µm	150 x 4.6 mm	KR5C8-15QS	KR5C8-15QK
	C8	5 µm	250 x 4.6 mm	KR5C8-25QS	KR5C8-25QK
	C8	10 µm	250 x 4.6 mm	KR10C8-25QS	KR10C8-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Butyl 100Å - 330 m ² /g %C : 8 end-capped 3.8 µmol/m ²	C4	5 µm	50 x 2.0 mm	KR5C4#5QS	KR5C4#5QK
	C4	5 µm	100 x 2.0 mm	KR5C4#10QS	KR5C4#10QK
	C4	5 µm	150 x 2.0 mm	KR5C4#15QS	KR5C4#15QK
	C4	5 µm	250 x 2.0 mm	KR5C4#25QS	KR5C4#25QK
	C4	5 µm	50 x 3.0 mm	KR5C4\$5QS	KR5C4\$5QK
	C4	5 µm	100 x 3.0 mm	KR5C4\$10QS	KR5C4\$10QK
	C4	5 µm	150 x 3.0 mm	KR5C4\$15QS	KR5C4\$15QK
	C4	5 µm	250 x 3.0 mm	KR5C4\$25QS	KR5C4\$25QK
	C4	5 µm	125 x 4.0 mm	KR5C4*12QS	KR5C4*12QK
	C4	5 µm	150 x 4.0 mm	KR5C4*15QS	KR5C4*15QK
	C4	5 µm	250 x 4.0 mm	KR5C4*25QS	KR5C4*25QK
	C4	5 µm	50 x 4.6 mm	KR5C4-5QS	KR5C4-5QK
	C4	5 µm	100 x 4.6 mm	KR5C4-10QS	KR5C4-10QK
	C4	5 µm	150 x 4.6 mm	KR5C4-15QS	KR5C4-15QK
	C4	5 µm	250 x 4.6 mm	KR5C4-25QS	KR5C4-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Methyl 100Å - 330 m ² /g %C : 5 end-capped 4.2 µmol/m ²	C1	5 µm	50 x 2.0 mm	KR5C1#5QS	KR5C1#5QK
	C1	5 µm	100 x 2.0 mm	KR5C1#10QS	KR5C1#10QK
	C1	5 µm	150 x 2.0 mm	KR5C1#15QS	KR5C1#15QK
	C1	5 µm	250 x 2.0 mm	KR5C1#25QS	KR5C1#25QK
	C1	5 µm	50 x 3.0 mm	KR5C1\$5QS	KR5C1\$5QK
	C1	5 µm	100 x 3.0 mm	KR5C1\$10QS	KR5C1\$10QK
	C1	5 µm	150 x 3.0 mm	KR5C1\$15QS	KR5C1\$15QK
	C1	5 µm	250 x 3.0 mm	KR5C1\$25QS	KR5C1\$25QK
	C1	5 µm	125 x 4.0 mm	KR5C1*12QS	KR5C1*12QK
	C1	5 µm	150 x 4.0 mm	KR5C1*15QS	KR5C1*15QK
	C1	5 µm	250 x 4.0 mm	KR5C1*25QS	KR5C1*25QK
	C1	5 µm	50 x 4.6 mm	KR5C1-5QS	KR5C1-5QK
	C1	5 µm	100 x 4.6 mm	KR5C1-10QS	KR5C1-10QK
	C1	5 µm	150 x 4.6 mm	KR5C1-15QS	KR5C1-15QK
	C1	5 µm	250 x 4.6 mm	KR5C1-25QS	KR5C1-25QK



Kromasil® 60 & 100 Å

Silica manufacturer : EKA Chemicals

Standard silica type A
Spherical
Surface area : 340 m²/g
pH stability : 1,5 < pH < 9,5

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Cyano 60Å - 530 m ² /g %C : 12 %N : 2.3 end-capped 3.8 µmol/m ²	CN	5 µm	50 x 2.0 mm	KR5CN#5QS	KR5CN#5QK
	CN	5 µm	100 x 2.0 mm	KR5CN#10QS	KR5CN#10QK
	CN	5 µm	150 x 2.0 mm	KR5CN#15QS	KR5CN#15QK
	CN	5 µm	250 x 2.0 mm	KR5CN#25QS	KR5CN#25QK
	CN	5 µm	50 x 3.0 mm	KR5CN\$5QS	KR5CN\$5QK
	CN	5 µm	100 x 3.0 mm	KR5CN\$10QS	KR5CN\$10QK
	CN	5 µm	150 x 3.0 mm	KR5CN\$15QS	KR5CN\$15QK
	CN	5 µm	250 x 3.0 mm	KR5CN\$25QS	KR5CN\$25QK
	CN	5 µm	125 x 4.0 mm	KR5CN*12QS	KR5CN*12QK
	CN	5 µm	150 x 4.0 mm	KR5CN*15QS	KR5CN*15QK
	CN	5 µm	250 x 4.0 mm	KR5CN*25QS	KR5CN*25QK
	CN	5 µm	50 x 4.6 mm	KR5CN-5QS	KR5CN-5QK
	CN	5 µm	100 x 4.6 mm	KR5CN-10QS	KR5CN-10QK
	CN	5 µm	150 x 4.6 mm	KR5CN-15QS	KR5CN-15QK
	CN	5 µm	250 x 4.6 mm	KR5CN-25QS	KR5CN-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Amino 100Å - 330 m ² /g %N : 1.7 end-capped 4.5 µmol/m ²	NH2	5 µm	50 x 2.0 mm	KR5NH2#5QS	KR5NH2#5QK
	NH2	5 µm	100 x 2.0 mm	KR5NH2#10QS	KR5NH2#10QK
	NH2	5 µm	150 x 2.0 mm	KR5NH2#15QS	KR5NH2#15QK
	NH2	5 µm	250 x 2.0 mm	KR5NH2#25QS	KR5NH2#25QK
	NH2	5 µm	50 x 3.0 mm	KR5NH2\$5QS	KR5NH2\$5QK
	NH2	5 µm	100 x 3.0 mm	KR5NH2\$10QS	KR5NH2\$10QK
	NH2	5 µm	150 x 3.0 mm	KR5NH2\$15QS	KR5NH2\$15QK
	NH2	5 µm	250 x 3.0 mm	KR5NH2\$25QS	KR5NH2\$25QK
	NH2	5 µm	125 x 4.0 mm	KR5NH2*12QS	KR5NH2*12QK
	NH2	5 µm	150 x 4.0 mm	KR5NH2*15QS	KR5NH2*15QK
	NH2	5 µm	250 x 4.0 mm	KR5NH2*25QS	KR5NH2*25QK
	NH2	5 µm	50 x 4.6 mm	KR5NH2-5QS	KR5NH2-5QK
	NH2	5 µm	100 x 4.6 mm	KR5NH2-10QS	KR5NH2-10QK
	NH2	5 µm	150 x 4.6 mm	KR5NH2-15QS	KR5NH2-15QK
	NH2	5 µm	250 x 4.6 mm	KR5NH2-25QS	KR5NH2-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 100Å - 330 m ² /g	SI	5 µm	50 x 2.0 mm	KR5#5QS	KR5#5QK
	SI	5 µm	100 x 2.0 mm	KR5#10QS	KR5#10QK
	SI	5 µm	150 x 2.0 mm	KR5#15QS	KR5#15QK
	SI	5 µm	250 x 2.0 mm	KR5#25QS	KR5#25QK
	SI	5 µm	50 x 3.0 mm	KR5\$5QS	KR5\$5QK
	SI	5 µm	100 x 3.0 mm	KR5\$10QS	KR5\$10QK
	SI	5 µm	150 x 3.0 mm	KR5\$15QS	KR5\$15QK
	SI	5 µm	250 x 3.0 mm	KR5\$25QS	KR5\$25QK
	SI	5 µm	125 x 4.0 mm	KR5*12QS	KR5C8*12QK
	SI	5 µm	150 x 4.0 mm	KR5C8*15QS	KR5*15QK
	SI	5 µm	250 x 4.0 mm	KR5*25QS	KR5*25QK
	SI	5 µm	50 x 4.6 mm	KR5-5QS	KR5-5QK
	SI	5 µm	100 x 4.6 mm	KR5-10QS	KR5C8-10QK
	SI	5 µm	150 x 4.6 mm	KR5-15QS	KR5-15QK
	SI	5 µm	250 x 4.6 mm	KR5-25QS	KR5-25QK
	SI	10 µm	250 x 4.6 mm	KR10-25QS	KR10-25QK

Lichrosorb® 60 & 100 Å

Silica manufacturer : MERCK

Standard silica type A
Surface area : 500 & 300 m²/g
pH stability : 2 < pH < 7

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 300 m ² /g %C : 16.2 end-capped 3 µmol/m ²	C18	5 µm	125 x 4.0 mm	L5C18*12QS	L5C18*12QK
	C18	5 µm	150 x 4.0 mm	L5C18*15QS	L5C18*15QK
	C18	5 µm	250 x 4.0 mm	L5C18*25QS	L5C18*25QK
	C18	10 µm	250 x 4.0 mm	L10C18*25QS	L10C18*25QK
	C18	5 µm	150 x 4.6 mm	L5C18-15QS	L5C18-15QK
	C18	5 µm	250 x 4.6 mm	L5C18-25QS	L5C18-25QK
	C18	10 µm	250 x 4.6 mm	L10C18-25QS	L10C18-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 300 m ² /g %C : 9.5 end-capped 3.4 µmol/m ²	C8	5 µm	125 x 4.0 mm	L5C8*12QS	L5C8*12QK
	C8	5 µm	150 x 4.0 mm	L5C8*15QS	L5C8*15QK
	C8	5 µm	250 x 4.0 mm	L5C8*25QS	L5C8*25QK
	C8	5 µm	150 x 4.6 mm	L5C8-15QS	L5C8-15QK
	C8	5 µm	250 x 4.6 mm	L5C8-25QS	L5C8-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 300 m ² /g %C : 11.5 end-capped 2.5 µmol/m ²	RPB	5 µm	125 x 4.0 mm	L5RPB*12QS	L5RPB*12QK
	RPB	5 µm	150 x 4.0 mm	L5RPB*15QS	L5RPB*15QK
	RPB	5 µm	250 x 4.0 mm	L5RPB*25QS	L5RPB*25QK
	RPB	5 µm	150 x 4.6 mm	L5RPB-15QS	L5RPB-15QK
	RPB	5 µm	250 x 4.6 mm	L5RPB-25QS	L5RPB-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Cyano 100Å - 300 m ² /g %C : 6.1 end-capped 3.82 µmol/m ²	CN	5 µm	125 x 4.0 mm	L5CN*12QS	L5CN*12QK
	CN	5 µm	150 x 4.0 mm	L5CN*15QS	L5CN*15QK
	CN	5 µm	250 x 4.0 mm	L5CN*25QS	L5CN*25QK
	CN	5 µm	150 x 4.6 mm	L5CN-15QS	L5CN-15QK
	CN	5 µm	250 x 4.6 mm	L5CN-25QS	L5CN-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Diol 100Å - 300 m ² /g %C : 7.1 3.91 µmol/m ²	OH	5 µm	125 x 4.0 mm	L5OH*12QS	L5OH*12QK
	OH	5 µm	150 x 4.0 mm	L5OH*15QS	L5OH*15QK
	OH	5 µm	250 x 4.0 mm	L5OH*25QS	L5OH*25QK
	OH	5 µm	150 x 4.6 mm	L5OH-15QS	L5OH-15QK
	OH	5 µm	250 x 4.6 mm	L5OH-25QS	L5OH-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 60Å - 500 m ² /g	SI	5 µm	125 x 4.0 mm	L5*12QS	L5*12QK
	SI	5 µm	150 x 4.0 mm	L5*15QS	L5*15QK
	SI	5 µm	250 x 4.0 mm	L5*25QS	L5*25QK
	SI	10 µm	250 x 4.6 mm	L10*25QS	L10*25QK
	SI	5 µm	150 x 4.6 mm	L5-15QS	L5-25QK



Lichrospher® 60 & 100 Å

Silica manufacturer : MERCK

Standard silica type A
Spherical
Surface area : 360 & 350 m²/g
pH stability : 2 < pH < 7



	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 350 m ² /g %C : 21.6 end-capped 4.09 μmol/m ²	OD2	5 μm	125 x 4.0 mm	K50D2*12QS	K50D2*12QK
	OD2	5 μm	150 x 4.0 mm	K50D2*15QS	K50D2*15QSK
	OD2	5 μm	250 x 4.0 mm	K50D2*25QS	K50D2*25QSK
	OD2	10 μm	250 x 4.0 mm	K100D2*25QS	K100D2*25QSK
	OD2	5 μm	100 x 4.6 mm	K50D2-10QS	K50D2-10QSK
	OD2	5 μm	150 x 4.6 mm	K50D2-15QS	K50D2-15QSK
	OD2	5 μm	250 x 4.6 mm	K50D2-25QS	K50D2-25QSK
	OD2	10 μm	250 x 4.6 mm	K100D2-25QS	K100D2-25QSK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 350 m ² /g %C : 21 non end-capped 3.61 μmol/m ²	OD1	5 μm	125 x 4.0 mm	K50D1*12QS	K50D1*12QK
	OD1	5 μm	150 x 4.0 mm	K50D1*15QS	K50D1*15QSK
	OD1	5 μm	250 x 4.0 mm	K50D1*25QS	K50D1*25QSK
	OD1	10 μm	250 x 4.0 mm	K100D1*25QS	K100D1*25QSK
	OD1	5 μm	100 x 4.6 mm	K50D1-10QS	K50D1-10QSK
	OD1	5 μm	150 x 4.6 mm	K50D1-15QS	K50D1-15QSK
	OD1	5 μm	250 x 4.6 mm	K50D1-25QS	K50D1-25QSK
	OD1	10 μm	250 x 4.6 mm	K100D1-25QS	K100D1-25QSK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 350 m ² /g %C : 12.5 non end-capped 4.04 μmol/m ²	C8	5 μm	125 x 4.0 mm	K5C8*12QS	K5C8*12QK
	C8	5 μm	150 x 4.0 mm	K5C8*15QS	K5C8*15QK
	C8	5 μm	250 x 4.0 mm	K5C8*25QS	K5C8*25QK
	C8	5 μm	100 x 4.6 mm	K5C8-10QS	K5C8-10QK
	C8	5 μm	150 x 4.6 mm	K5C8-15QS	K5C8-15QK
	C8	5 μm	250 x 4.6 mm	K5C8-25QS	K5C8-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 350 m ² /g %C : 13 end-capped 4.44 μmol/m ²	C8E	5 μm	125 x 4.0 mm	K5C8E*12QS	K5C8E*12QK
	C8E	5 μm	150 x 4.0 mm	K5C8E*15QS	K5C8E*15QK
	C8E	5 μm	250 x 4.0 mm	K5C8E*25QS	K5C8E*25QK
	C8E	5 μm	100 x 4.6 mm	K5C8E-10QS	K5C8E-10QK
	C8E	5 μm	150 x 4.6 mm	K5C8E-15QS	K5C8E-15QK
	C8E	5 μm	250 x 4.6 mm	K5C8E-25QS	K5C8E-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 60Å - 360 m ² /g %C : 11.5 end-capped 3.55 μmol/m ²	RPB	5 μm	125 x 4.0 mm	K5RPB*12QS	K5RPB*12QK
	RPB	5 μm	150 x 4.0 mm	K5RPB*15QS	K5RPB*15QK
	RPB	5 μm	250 x 4.0 mm	K5RPB*25QS	K5RPB*25QK
	RPB	5 μm	100 x 4.6 mm	K5RPB-10QS	K5RPB-10QK
	RPB	5 μm	150 x 4.6 mm	K5RPB-15QS	K5RPB-15QK
	RPB	5 μm	250 x 4.6 mm	K5RPB-25QS	K5RPB-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Cyano 100Å - 350 m ² /g %C : 6.6 3.52 μmol/m ²	CN	5 μm	125 x 4.0 mm	K5CN*12QS	K5CN*12QK
	CN	5 μm	150 x 4.0 mm	K5CN*15QS	K5CN*15QK
	CN	5 μm	250 x 4.0 mm	K5CN*25QS	K5CN*25QK
	CN	5 μm	100 x 4.6 mm	K5CN-10QS	K5CN-10QK
	CN	5 μm	150 x 4.6 mm	K5CN-15QS	K5CN-15QK
	CN	5 μm	250 x 4.6 mm	K5CN-25QS	K5CN-25QK

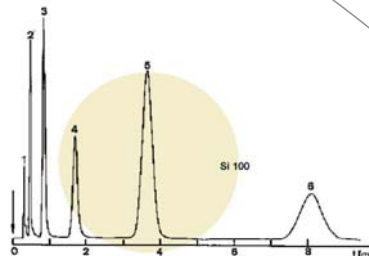
	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Amino 100Å - 350 m ² /g %C : 4.6 4.1 μmol/m ²	NH2	5 μm	125 x 4.0 mm	K5NH2*12QS	K5NH2*12QK
	NH2	5 μm	150 x 4.0 mm	K5NH2*15QS	K5NH2*15QK
	NH2	5 μm	250 x 4.0 mm	K5NH2*25QS	K5NH2*25QK
	NH2	5 μm	100 x 4.6 mm	K5NH2-10QS	K5NH2-10QK
	NH2	5 μm	150 x 4.6 mm	K5NH2-15QS	K5NH2-15QK
	NH2	5 μm	250 x 4.6 mm	K5NH2-25QS	K5NH2-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Diol 100Å - 350 m ² /g %C : 8 3.87 μmol/m ²	OH	5 μm	125 x 4.0 mm	K5OH*12QS	K5OH*12QK
	OH	5 μm	150 x 4.0 mm	K5OH*15QS	K5OH*15QK
	OH	5 μm	250 x 4.0 mm	K5OH*25QS	K5OH*25QK
	OH	5 μm	100 x 4.6 mm	K5OH-10QS	K5OH-10QK
	OH	5 μm	150 x 4.6 mm	K5OH-15QS	K5OH-15QK
	OH	5 μm	250 x 4.6 mm	K5OH-25QS	K5OH-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 60Å - 700 m ² /g	SI	5 μm	125 x 4.0 mm	K5*12QS	K5*12QK
	SI	5 μm	150 x 4.0 mm	K5*15QS	K5*15QSK
	SI	5 μm	250 x 4.0 mm	K5*25QS	K5*25QSK
	SI	10 μm	250 x 4.0 mm	K10*25QS	K10*25QSK
	SI	5 μm	100 x 4.6 mm	K5-10QS	K5-10QSK
	SI	5 μm	150 x 4.6 mm	K5-15QS	K5-15QSK
	SI	5 μm	250 x 4.6 mm	K5-25QS	K5-25QSK
	SI	10 μm	250 x 4.6 mm	K10-25QS	K10-25QSK

Column : Lichrospher Si 100 10 μm
 Pressure : 124 bars (1800 psi)
 Flow rate : 300 ml/hour
 Eluent : n-heptane
 Equipment : non commercial
 UV detector : 254nm

Sample :
 1 Benzene
 2 Diphenyl
 3 m-Terphenyl
 4 m-Quaterphenyl
 5 m-Quinquephenyl
 6 m-Sexiphenyl



Nucleosil®

Silica manufacturer : Macherey-Nagel

Standard silica type A
Spherical
Surface area : 350 m²/g
pH stability: 2 < pH < 7

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 350 m ² /g %C : 14 HMDS end-capping 2.08 µmol/m ²	C18	3 µm	150 x 2.0 mm	N3C18#15QS	N3C18#15QK
	C18	3 µm	150 x 3.0 mm	N3C18\$15QS	N3C18\$15QK
	C18	3 µm	125 x 4.0 mm	N3C18*12QS	N3C18*12QK
	C18	3 µm	150 x 4.0 mm	N3C18*15QS	N3C18*15QK
	C18	3 µm	100 x 4.6 mm	N3C18-10QS	N3C18-10QK
	C18	3 µm	150 x 4.6 mm	N3C18-15QS	N3C18-15QK
	C18	5 µm	150 x 2.0 mm	N5C18#15QS	N5C18#15QK
	C18	5 µm	250 x 2.0 mm	N5C18#25QS	N5C18#25QK
	C18	5 µm	150 x 3.0 mm	N5C18\$15QS	N5C18\$15QK
	C18	5 µm	250 x 3.0 mm	N5C18\$25QS	N5C18\$25QK
	C18	5 µm	125 x 4.0 mm	N5C18*12QS	N5C18*12QK
	C18	5 µm	150 x 4.0 mm	N5C18*15QS	N5C18*15QK
	C18	5 µm	250 x 4.0 mm	N5C18*25QS	N5C18*25QK
	C18	10 µm	250 x 4.0 mm	N10C18*25QS	N10C18*25QK
	C18	5 µm	100 x 4.6 mm	N5C18-10QS	N5C18-10QK
	C18	5 µm	150 x 4.6 mm	N5C18-15QS	N5C18-15QK
C18	5 µm	250 x 4.6 mm	N5C18-25QS	N5C18-25QK	
C18	10 µm	250 x 4.6 mm	N10C18-25QS	N10C18-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 350 m ² /g %C : 9 non end-capped 2.49 µmol/m ²	C8	5 µm	150 x 2.0 mm	N5C8#15QS	N5C8#15QK
	C8	5 µm	250 x 2.0 mm	N5C8#25QS	N5C8#25QK
	C8	5 µm	150 x 3.0 mm	N5C8\$15QS	N5C8\$15QK
	C8	5 µm	250 x 3.0 mm	N5C8\$25QS	N5C8\$25QK
	C8	5 µm	125 x 4.0 mm	N5C8*12QS	N5C8*12QK
	C8	5 µm	150 x 4.0 mm	N5C8*15QS	N5C8*15QK
	C8	5 µm	250 x 4.0 mm	N5C8*25QS	N5C8*25QK
	C8	5 µm	100 x 4.6 mm	N5C8-10QS	N5C8-10QK
	C8	5 µm	150 x 4.6 mm	N5C8-15QS	N5C8-15QK
	C8	5 µm	250 x 4.6 mm	N5C8-25QS	N5C8-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 350 m ² /g %C : 9 HMDS end-capping	C8E	5 µm	150 x 2.0 mm	N5C8E#15QS	N5C8E#15QK
	C8E	5 µm	250 x 2.0 mm	N5C8E#25QS	N5C8E#25QK
	C8E	5 µm	150 x 3.0 mm	N5C8E\$15QS	N5C8E\$15QK
	C8E	5 µm	250 x 3.0 mm	N5C8E\$25QS	N5C8E\$25QK
	C8E	5 µm	125 x 4.0 mm	N5C8E*12QS	N5C8E*12QK
	C8E	5 µm	150 x 4.0 mm	N5C8E*15QS	N5C8E*15QK
	C8E	5 µm	250 x 4.0 mm	N5C8E*25QS	N5C8E*25QK
	C8E	5 µm	100 x 4.6 mm	N5C8E-10QS	N5C8E-10QK
	C8E	5 µm	150 x 4.6 mm	N5C8E-15QS	N5C8E-15QK
	C8E	5 µm	250 x 4.6 mm	N5C8E-25QS	N5C8E-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Cyano 100Å - 350 m ² /g %C : 4 non end-capped 1.73 µmol/m ²	CN	5 µm	150 x 2.0 mm	N5CN#15QS	N5CN#15QK
	CN	5 µm	250 x 2.0 mm	N5CN#25QS	N5CN#25QK
	CN	5 µm	150 x 3.0 mm	N5CN\$15QS	N5CN\$15QK
	CN	5 µm	250 x 3.0 mm	N5CN\$25QS	N5CN\$25QK
	CN	5 µm	125 x 4.0 mm	N5CN*12QS	N5CN*12QK
	CN	5 µm	150 x 4.0 mm	N5CN*15QS	N5CN*15QK
	CN	5 µm	250 x 4.0 mm	N5CN*25QS	N5CN*25QK
	CN	5 µm	100 x 4.6 mm	N5CN-10QS	N5CN-10QK
	CN	5 µm	150 x 4.6 mm	N5CN-15QS	N5CN-15QK
	CN	5 µm	250 x 4.6 mm	N5CN-25QS	N5CN-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Phenyl 100Å - 350 m ² /g %C : 8 non end-capped 1.96 µmol/m ²	PH	5 µm	150 x 2.0 mm	N5PH#15QS	N5PH#15QK
	PH	5 µm	250 x 2.0 mm	N5PH#25QS	N5PH#25QK
	PH	5 µm	150 x 3.0 mm	N5PH\$15QS	N5PH\$15QK
	PH	5 µm	250 x 3.0 mm	N5PH\$25QS	N5PH\$25QK
	PH	5 µm	125 x 4.0 mm	N5PH*12QS	N5PH*12QK
	PH	5 µm	150 x 4.0 mm	N5PH*15QS	N5PH*15QK
	PH	5 µm	250 x 4.0 mm	N5PH*25QS	N5PH*25QK
	PH	7 µm	250 x 4.0 mm	N7PH*25QS	N7PH*25QK
	PH	5 µm	100 x 4.6 mm	N5PH-10QS	N5PH-10QK
	PH	5 µm	150 x 4.6 mm	N5PH-15QS	N5PH-15QK
	PH	5 µm	250 x 4.6 mm	N5PH-25QS	N5PH-25QK
	PH	7 µm	250 x 4.6 mm	N7PH-25QS	N7PH-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Diol 100Å - 350 m ² /g	OH	7 µm	250 x 4.0 mm	N7OH*25QS	N7OH*25QK
	OH	7 µm	250 x 4.6 mm	N7OH-25QS	N7OH-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Amino 100Å - 350 m ² /g	NH2	5 µm	150 x 2.0 mm	N5NH2#15QS	N5NH2#15QK
	NH2	5 µm	250 x 2.0 mm	N5NH2#25QS	N5NH2#25QK
	NH2	5 µm	150 x 3.0 mm	N5NH2\$15QS	N5NH2\$15QK
	NH2	5 µm	250 x 3.0 mm	N5NH2\$25QS	N5NH2\$25QK
	NH2	5 µm	125 x 4.0 mm	N5NH2*12QS	N5NH2*12QK
	NH2	5 µm	150 x 4.0 mm	N5NH2*15QS	N5NH2*15QK
	NH2	5 µm	250 x 4.0 mm	N5NH2*25QS	N5NH2*25QK
	NH2	5 µm	100 x 4.6 mm	N5NH2-10QS	N5NH2-10QK
	NH2	5 µm	150 x 4.6 mm	N5NH2-15QS	N5NH2-15QK
	NH2	5 µm	250 x 4.6 mm	N5NH2-25QS	N5NH2-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Nitro 100Å - 350 m ² /g	NO2	5 µm	150 x 2.0 mm	N5N02#15QS	N5N02#15QK
	NO2	5 µm	250 x 2.0 mm	N5N02#25QS	N5N02#25QK
	NO2	5 µm	150 x 3.0 mm	N5N02\$15QS	N5N02\$15QK
	NO2	5 µm	250 x 3.0 mm	N5N02\$25QS	N5N02\$25QK
	NO2	5 µm	125 x 4.0 mm	N5N02*12QS	N5N02*12QK
	NO2	5 µm	150 x 4.0 mm	N5N02*15QS	N5N02*15QK
	NO2	5 µm	250 x 4.0 mm	N5N02*25QS	N5N02*25QK
	NO2	5 µm	100 x 4.6 mm	N5N02-10QS	N5N02-10QK
	NO2	5 µm	150 x 4.6 mm	N5N02-15QS	N5N02-15QK
	NO2	5 µm	250 x 4.6 mm	N5N02-25QS	N5N02-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Dimethylamino 100Å - 350 m ² /g	DMA	5 µm	250 x 2.0 mm	N5DMA#25QS	N5DMA#25QK
	DMA	5 µm	250 x 3.0 mm	N5DMA\$25QS	N5DMA\$25QK
	DMA	5 µm	150 x 4.0 mm	N5DMA*15QS	N5DMA*15QK
	DMA	5 µm	250 x 4.0 mm	N5DMA*25QS	N5DMA*25QK
	DMA	5 µm	150 x 4.6 mm	N5DMA-15QS	N5DMA-15QK
	DMA	5 µm	250 x 4.6 mm	N5DMA-25QS	N5DMA-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Strong anion exchanger 100Å - 350 m ² /g 1 meqv /g	SB	5 µm	250 x 3.0 mm	N5SB\$25QS	N5SB\$25QK
	SB	5 µm	250 x 4.0 mm	N5SB*25QS	N5SB*25QK
	SB	5 µm	250 x 4.6 mm	N5SB-25QS	N5SB-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Strong anion exchanger 100Å - 350 m ² /g 1 meqv /g	SA	5 µm	250 x 3.0 mm	N5SA\$25QS	N5SA\$25QK
	SA	5 µm	250 x 4.0 mm	N5SA*25QS	N5SA*25QK
	SA	5 µm	250 x 4.6 mm	N5SA-25QS	N5SA-25QK



Nucleosil®

Silica manufacturer : Macherey-Nagel

Standard silica type A
Spherical
Surface area : 350 m²/g
pH stability: 2 < pH < 7

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 100Å - 350 m ² /g	SI	5 µm	150 x 2.0 mm	N5#15QS	N5#15QK
	SI	5 µm	250 x 2.0 mm	N5#25QS	N5#25QK
	SI	5 µm	150 x 3.0 mm	N5\$15QS	N5\$15QK
	SI	5 µm	250 x 3.0 mm	N5\$25QS	N5\$25QK
	SI	5 µm	125 x 4.0 mm	N5*12QS	N5*12QK
	SI	5 µm	150 x 4.0 mm	N5*15QS	N5*15QK
	SI	5 µm	250 x 4.0 mm	N5*25QS	N5*25QK
	SI	10 µm	250 x 4.0 mm	N10*25QS	N10*25QK
	SI	5 µm	100 x 4.6 mm	N5-10QS	N5-10QK
	SI	5 µm	150 x 4.6 mm	N5-15QS	N5-15QK
	SI	5 µm	250 x 4.6 mm	N5-25QS	N5-25QK
	SI	10 µm	250 x 4.6 mm	N10-25QS	N10-25QK

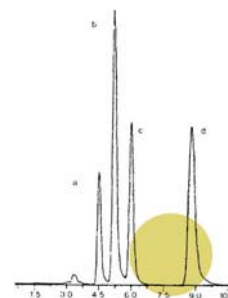
Partisil® 85 Å

Silica manufacturer : Whatman

Standard silica type A
Irregular
Surface area : 350 m²/g
pH stability: 2 < pH < 7

Partisil-10 SAX - 4.6 mm x 25 cm
Mobile phase : 0.05MKH₂PO₄ pH 3.35
Flow rate : 1.0 ml/min
Pressure : 700 psig
Detection : UV@254nm
Injection volume : 5.0 µl

a : CMP (Cytidine-5' monophosphate)
b : AMP (Adenosine-5' monophosphate)
c : UMP (Cytidine-5' monophosphate)
d : GMP (Guanosine-5' monophosphate)



	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl (polymérique) 85Å - 350 m ² /g %C : 10,5 end-capped 1.45 µmol/m ²	OD3	5 µm	150 x 4.0 mm	P50D3*15QS	P50D3*15QK
	OD3	5 µm	250 x 4.0 mm	P50D3*25QS	P50D3*25QK
	OD3	5 µm	150 x 4.6 mm	P50D3-15QS	P50D3-15QK
	OD3	5 µm	250 x 4.6 mm	P50D3-25QS	P50D3-25QK
	OD3	10 µm	150 x 4.0 mm	P100D3*15QS	P100D3*15QK
	OD3	10 µm	250 x 4.0 mm	P100D3*25QS	P100D3*25QK
	OD3	10 µm	150 x 4.6 mm	P100D3-15QS	P100D3-15QK
	OD3	10 µm	250 x 4.6 mm	P100D3-25QS	P100D3-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl (polymérique) 85Å - 350 m ² /g %C : 16 non end-capped 2.43 µmol/m ²	OD2	5 µm	150 x 4.0 mm	P50D2*15QS	P50D2*15QK
	OD2	5 µm	250 x 4.0 mm	P50D2*25QS	P50D2*25QK
	OD3	5 µm	150 x 4.6 mm	P50D2-15QS	P50D2-15QK
	OD2	5 µm	250 x 4.6 mm	P50D2-25QS	P50D2-25QK
	OD2	10 µm	150 x 4.0 mm	P100D2*15QS	P100D2*15QK
	OD2	10 µm	250 x 4.0 mm	P100D2*25QS	P100D2*25QK
	OD2	10 µm	150 x 4.6 mm	P100D2-15QS	P100D2-15QK
	OD2	10 µm	250 x 4.6 mm	P100D2-25QS	P100D2-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 85Å - 350 m ² /g %C : 5 end-capped	OD1	10 µm	150 x 4.0 mm	P100D1*15QS	P100D1*15QK
	OD1	10 µm	250 x 4.0 mm	P100D1*25QS	P100D1*25QK
	OD1	10 µm	150 x 4.6 mm	P100D1-15QS	P100D1-15QK
	OD1	10 µm	250 x 4.6 mm	P100D1-25QS	P100D1-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 85Å - 350 m ² /g %C : 8,5 end-capped 2.33 μmol/m ²	C8	5 μm	150 x 4.0 mm	P5C8*15QS	P5C8*15QK
	C8	5 μm	250 x 4.0 mm	P5C8*25QS	P5C8*25QK
	C8	5 μm	150 x 4.6 mm	P5C8-15QS	P5C8-15QK
	C8	5 μm	250 x 4.6 mm	P5C8-25QS	P5C8-25QK
	C8	10 μm	150 x 4.0 mm	P10C8*15QS	P10C8*15QK
	C8	10 μm	250 x 4.0 mm	P10C8*25QS	P10C8*25QK
	C8	10 μm	150 x 4.6 mm	P10C8-15QS	P10C8-15QK
	C8	10 μm	250 x 4.6 mm	P10C8-25QS	P10C8-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Amino - cyano (2:1) 85Å - 350 m ² /g	PAC	5 μm	150 x 4.0 mm	P5PAC*15QS	P5PAC*15QK
	PAC	5 μm	250 x 4.0 mm	P5PAC*25QS	P5PAC*25QK
	PAC	5 μm	150 x 4.6 mm	P5PAC-15QS	P5PAC-15QK
	PAC	5 μm	250 x 4.6 mm	P5PAC-25QS	P5PAC-25QK
	PAC	10 μm	150 x 4.0 mm	P10PAC*15QS	P10PAC*15QK
	PAC	10 μm	250 x 4.0 mm	P10PAC*25QS	P10PAC*25QK
	PAC	10 μm	150 x 4.6 mm	P10PAC-15QS	P10PAC-15QK
	PAC	10 μm	250 x 4.6 mm	P10PAC-25QS	P10PAC-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Strong anion exchanger 85Å - 350 m ² /g	SAX	10 μm	150 x 4.0 mm	P10SAX*15QS	P10SAX*15QK
	SAX	10 μm	250 x 4.0 mm	P10SAX*25QS	P10SAX*25QK
	SAX	10 μm	150 x 4.6 mm	P10SAX-15QS	P10SAX-15QK
	SAX	10 μm	250 x 4.6 mm	P10SAX-25QS	P10SAX-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Strong cation exchanger 85Å - 350 m ² /g	SCX	10 μm	150 x 4.0 mm	P10SCX*15QS	P10SCX*15QK
	SCX	10 μm	250 x 4.0 mm	P10SCX*25QS	P10SCX*25QK
	SCX	10 μm	150 x 4.6 mm	P10SCX-15QS	P10SCX-15QK
	SCX	10 μm	250 x 4.6 mm	P10SCX-25QS	P10SCX-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 85Å - 350 m ² /g	SI	5 μm	150 x 4.0 mm	P5*15QS	P5*15QK
	SI	5 μm	250 x 4.0 mm	P5*25QS	P5*25QK
	SI	5 μm	150 x 4.6 mm	P5-15QS	P5-15QK
	SI	5 μm	250 x 4.6 mm	P5-25QS	P5-25QK
	SI	10 μm	150 x 4.0 mm	P10*15QS	P10*15QK
	SI	10 μm	250 x 4.0 mm	P10*25QS	P10*25QK
	SI	10 μm	150 x 4.6 mm	P10-15QS	P10-15QK
	SI	10 μm	250 x 4.6 mm	P10-25QS	P10-25QK

QS



QK



Siligel® 85 Å

Silica manufacturer : Interchim

Standard silica type A
Spherical
Surface area : 220 m²/g
pH stability: 2 < pH < 7

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 80Å - 220 m ² /g %C : 11.8 end-capped	OD2	3 µm	150 x 2.0 mm	SG30D2#15QS	SG30D2#15QK
	OD2	3 µm	150 x 3.0 mm	SG30D2\$15QS	SG30D2\$15QK
	OD2	3 µm	50 x 4.6 mm	SG30D2-5QS	SG30D2-5QK
	OD2	3 µm	100 x 4.6 mm	SG30D2-10QS	SG30D2-10QK
	OD2	3 µm	150 x 4.6 mm	SG30D2-15QS	SG30D2-15QK
	OD2	5 µm	150 x 2.0 mm	SG50D2#15QS	SG50D2#15QK
	OD2	5 µm	250 x 2.0 mm	SG50D2#25QS	SG50D2#25QK
	OD2	5 µm	150 x 3.0 mm	SG50D2\$15QS	SG50D2\$15QK
	OD2	5 µm	250 x 3.0 mm	SG50D2\$25QS	SG50D2\$25QK
	OD2	5 µm	125 x 4.0 mm	SG50D2*12QS	SG50D2*12QK
	OD2	5 µm	250 x 4.0 mm	SG50D2*25QS	SG50D2*25QK
	OD2	5 µm	50 x 4.6 mm	SG50D2-5QS	SG50D2-5QK
	OD2	5 µm	100 x 4.6 mm	SG50D2-10QS	SG50D2-10QK
	OD2	5 µm	150 x 4.6 mm	SG50D2-15QS	SG50D2-15QK
	OD2	5 µm	250 x 4.6 mm	SG50D2-25QS	SG50D2-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 80Å - 220 m ² /g %C : 6 non end-capped	OD1	3 µm	150 x 2.0 mm	SG30D1#15QS	SG30D1#15QK
	OD1	3 µm	150 x 3.0 mm	SG30D1\$15QS	SG30D1\$15QK
	OD1	3 µm	50 x 4.6 mm	SG30D1-5QS	SG30D1-5QK
	OD1	3 µm	100 x 4.6 mm	SG30D1-10QS	SG30D1-10QK
	OD1	3 µm	150 x 4.6 mm	SG30D1-15QS	SG30D1-15QK
	OD1	5 µm	150 x 2.0 mm	SG50D1#15QS	SG50D1#15QK
	OD1	5 µm	250 x 2.0 mm	SG50D1#25QS	SG50D1#25QK
	OD1	5 µm	150 x 3.0 mm	SG50D1\$15QS	SG50D1\$15QK
	OD1	5 µm	250 x 3.0 mm	SG50D1\$25QS	SG50D1\$25QK
	OD1	5 µm	125 x 4.0 mm	SG50D1*12QS	SG50D1*12QK
	OD1	5 µm	250 x 4.0 mm	SG50D1*25QS	SG50D1*25QK
	OD1	5 µm	50 x 4.6 mm	SG50D1-5QS	SG50D1-5QK
	OD1	5 µm	100 x 4.6 mm	SG50D1-10QS	SG50D1-10QK
	OD1	5 µm	150 x 4.6 mm	SG50D1-15QS	SG50D1-15QK
	OD1	5 µm	250 x 4.6 mm	SG50D1-25QS	SG50D1-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 80Å - 220 m ² /g %C : 6 end-capped	C8	5 µm	150 x 2.0 mm	SG5C8#15QS	SG5C8#15QK
	C8	5 µm	250 x 2.0 mm	SG5C8#25QS	SG5C8#25QK
	C8	5 µm	150 x 3.0 mm	SG5C8\$15QS	SG5C8\$15QK
	C8	5 µm	250 x 3.0 mm	SG5C8\$25QS	SG5C8\$25QK
	C8	5 µm	125 x 4.0 mm	SG5C8*12QS	SG5C8*12QK
	C8	5 µm	150 x 4.0 mm	SG5C8*25QS	SG5C8*25QK
	C8	5 µm	250 x 4.0 mm	SG5C8-5QS	SG5C8-5QK
	C8	5 µm	100 x 4.6 mm	SG5C8-10QS	SG5C8-10QK
	C8	5 µm	150 x 4.6 mm	SG5C8-15QS	SG5C8-15QK
C8	5 µm	250 x 4.6 mm	SG5C8-25QS	SG5C8-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Hexyl 80Å - 220 m ² /g %C : 4.8 end-capped	C6	5 µm	150 x 2.0 mm	SG5C6#15QS	SG5C6#15QK
	C6	5 µm	250 x 2.0 mm	SG5C6#25QS	SG5C6#25QK
	C6	5 µm	150 x 3.0 mm	SG5C6\$15QS	SG5C6\$15QK
	C6	5 µm	250 x 3.0 mm	SG5C6\$25QS	SG5C6\$25QK
	C6	5 µm	125 x 4.0 mm	SG5C6*12QS	SG5C6*12QK
	C6	5 µm	150 x 4.0 mm	SG5C6*25QS	SG5C6*25QK
	C6	5 µm	250 x 4.0 mm	SG5C6-5QS	SG5C6-5QK
	C6	5 µm	100 x 4.6 mm	SG5C6-10QS	SG5C6-10QK
	C6	5 µm	150 x 4.6 mm	SG5C6-15QS	SG5C6-15QK
C6	5 µm	250 x 4.6 mm	SG5C6-25QS	SG5C6-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Cyano 80Å - 220 m ² /g %C : 3 non end-capped	CN	5 µm	150 x 2.0 mm	SG5CN#15QS	SG5CN#15QK
	CN	5 µm	250 x 2.0 mm	SG5CN#25QS	SG5CN#25QK
	CN	5 µm	150 x 3.0 mm	SG5CN\$15QS	SG5CN\$15QK
	CN	5 µm	250 x 3.0 mm	SG5CN\$25QS	SG5CN\$25QK
	CN	5 µm	125 x 4.0 mm	SG5CN*12QS	SG5CN*12QK
	CN	5 µm	150 x 4.0 mm	SG5CN*25QS	SG5CN*25QK
	CN	5 µm	250 x 4.0 mm	SG5CN-5QS	SG5CN-5QK
	CN	5 µm	100 x 4.6 mm	SG5CN-10QS	SG5CN-10QK
	CN	5 µm	150 x 4.6 mm	SG5CN-15QS	SG5CN-15QK
CN	5 µm	250 x 4.6 mm	SG5CN-25QS	SG5CN-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Phenyl 80Å - 220 m ² /g %C : 2.5 non end-capped	PH	5 µm	150 x 2.0 mm	SG5PH#15QS	SG5PH#15QK
	PH	5 µm	250 x 2.0 mm	SG5PH#25QS	SG5PH#25QK
	PH	5 µm	150 x 3.0 mm	SG5PH\$15QS	SG5PH\$15QK
	PH	5 µm	250 x 3.0 mm	SG5PH\$25QS	SG5PH\$25QK
	PH	5 µm	125 x 4.0 mm	SG5PH*12QS	SG5PH*12QK
	PH	5 µm	150 x 4.0 mm	SG5PH*25QS	SG5PH*25QK
	PH	5 µm	250 x 4.0 mm	SG5PH-5QS	SG5PH-5QK
	PH	5 µm	100 x 4.6 mm	SG5PH-10QS	SG5PH-10QK
	PH	5 µm	150 x 4.6 mm	SG5PH-15QS	SG5PH-15QK
PH	5 µm	250 x 4.6 mm	SG5PH-25QS	SG5PH-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Amino 80Å - 220 m ² /g %C : 2 non end-capped	NH2	5 µm	150 x 2.0 mm	SG5NH2#15QS	SG5NH2#15QK
	NH2	5 µm	250 x 2.0 mm	SG5NH2#25QS	SG5NH2#25QK
	NH2	5 µm	150 x 3.0 mm	SG5NH2\$15QS	SG5NH2\$15QK
	NH2	5 µm	250 x 3.0 mm	SG5NH2\$25QS	SG5NH2\$25QK
	NH2	5 µm	125 x 4.0 mm	SG5NH2*12QS	SG5NH2*12QK
	NH2	5 µm	150 x 4.0 mm	SG5NH2*25QS	SG5NH2*25QK
	NH2	5 µm	250 x 4.0 mm	SG5NH2-5QS	SG5NH2-5QK
	NH2	5 µm	100 x 4.6 mm	SG5NH2-10QS	SG5NH2-10QK
	NH2	5 µm	150 x 4.6 mm	SG5NH2-15QS	SG5NH2-15QK
NH2	5 µm	250 x 4.6 mm	SG5NH2-25QS	SG5NH2-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Strong anion exchanger 80Å - 220 m ² /g	SAX	5 µm	250 x 4.6 mm	SG5SAX-25QS	SG5SAX-25QK
	SAX	10 µm	250 x 4.6 mm	SG10SAX-25QS	SG10SAX-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Strong cation exchanger 80Å - 220 m ² /g	SCX	5 µm	250 x 4.6 mm	SG5SCX-25QS	SG5SCX-25QK
	SCX	10 µm	250 x 4.6 mm	SG10SCX-25QS	SG10SCX-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 80Å - 220 m ² /g	SI	5 µm	150 x 2.0 mm	SG5#15QS	SG5#15QK
	SI	5 µm	250 x 2.0 mm	SG5#25QS	SG5#25QK
	SI	5 µm	150 x 3.0 mm	SG5\$15QS	SG5\$15QK
	SI	5 µm	250 x 3.0 mm	SG5\$25QS	SG5\$25QK
	SI	5 µm	125 x 4.0 mm	SG5*12QS	SG5*12QK
	SI	5 µm	150 x 4.0 mm	SG5*25QS	SG5*25QK
	SI	5 µm	250 x 4.0 mm	SG5-5QS	SG5-5QK
	SI	5 µm	100 x 4.6 mm	SG5-10QS	SG5-10QK
	SI	5 µm	150 x 4.6 mm	SG5-15QS	SG5-15QK
	SI	5 µm	250 x 4.6 mm	SG5-25QS	SG5-25QK

Superspher® 100 Å

Silica manufacturer : Merck

Standard silica type A
Spherical
Surface area : 350 m²/g
pH stability: 2 < pH < 7

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 350 m ² /g %C : 21.6 end-capped 4.09 µmol/m ²	OD2	4 µm	125 x 4.0 mm	SU4OD2*12QS	SU4OD2*12QK
	OD2	4 µm	250 x 4.0 mm	SU4OD2*25QS	SU4OD2*25QK
	OD2	4 µm	100 x 4.6 mm	SU4OD2-10QS	SU4OD2-10QK
	OD2	4 µm	150 x 4.6 mm	SU4OD2-15QS	SU4OD2-15QK
	OD2	4 µm	250 x 4.6 mm	SU4OD2-25QS	SU4OD2-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 100Å - 350 m ² /g %C : 21 non end-capped 3.61 µmol/m ²	OD1	4 µm	125 x 4.0 mm	SU4OD1*12QS	SU4OD1*12QK
	OD1	4 µm	250 x 4.0 mm	SU4OD1*25QS	SU4OD1*25QK
	OD1	4 µm	100 x 4.6 mm	SU4OD1-10QS	SU4OD1-10QK
	OD1	4 µm	150 x 4.6 mm	SU4OD1-15QS	SU4OD1-15QK
	OD1	4 µm	250 x 4.6 mm	SU4OD1-25QS	SU4OD1-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 350 m ² /g %C : 11.5 end-capped 3.55 µmol/m ²	RPB	4 µm	125 x 4.0 mm	SU4RPB*12QS	SU4RPB*12QK
	RPB	4 µm	250 x 4.0 mm	SU4RPB*25QS	SU4RPB*25QK
	RPB	4 µm	100 x 4.6 mm	SU4RPB-10QS	SU4RPB-10QK
	RPB	4 µm	150 x 4.6 mm	SU4RPB-15QS	SU4RPB-15QK
	RPB	4 µm	250 x 4.6 mm	SU4RPB-25QS	SU4RPB-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 350 m ² /g %C : 12.5 non end-capped 4.04 µmol/m ²	C8	4 µm	125 x 4.0 mm	SU4C8*12QS	SU4C8*12QK
	C8	4 µm	250 x 4.0 mm	SU4C8*25QS	SU4C8*25QK
	C8	4 µm	100 x 4.6 mm	SU4C8-10QS	SU4C8-10QK
	C8	4 µm	150 x 4.6 mm	SU4C8-15QS	SU4C8-15QK
	C8	4 µm	250 x 4.6 mm	SU4C8-25QS	SU4C8-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 100Å - 350 m ² /g %C : 13 end-capped 4.44 µmol/m ²	C8E	4 µm	125 x 4.0 mm	SU4C8E*12QS	SU4C8E*12QK
	C8E	4 µm	250 x 4.0 mm	SU4C8E*25QS	SU4C8E*25QK
	C8E	4 µm	100 x 4.6 mm	SU4C8E-10QS	SU4C8E-10QK
	C8E	4 µm	150 x 4.6 mm	SU4C8E-15QS	SU4C8E-15QK
	C8E	4 µm	250 x 4.6 mm	SU4C8E-25QS	SU4C8E-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 100Å - 350 m ² /g	SI	4 µm	125 x 4.0 mm	SU4*12QS	SU4*12QK
	SI	4 µm	250 x 4.0 mm	SU4*25QS	SU4*25QK
	SI	4 µm	100 x 4.6 mm	SU4-10QS	SU4-10QK
	SI	4 µm	150 x 4.6 mm	SU4-15QS	SU4-15QK
	SI	4 µm	250 x 4.6 mm	SU4-25QS	SU4-25QK

QS



QK



Yperspher® 120 Å

Silica manufacturer : Interchim

Standard silica type A
Spherical silica type A deactivated
Surface area : 180 m²/g
pH stability: 2 < pH < 7

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 120Å - 180 m ² /g %C : 10 end-capped	C18	3 µm	150 x 2.0 mm	YP3C18#15QS	YP3C18#15QK
	C18	3 µm	150 x 3.0 mm	YP3C18\$15QS	YP3C18\$15QK
	C18	3 µm	50 x 4.6 mm	YP3C18-5QS	YP3C18-5QK
	C18	3 µm	100 x 4.6 mm	YP3C18-10QS	YP3C18-10QK
	C18	3 µm	150 x 4.6 mm	YP3C18-15QS	YP3C18-15QK
	C18	5 µm	150 x 2.0 mm	YP5C18#15QS	YP5C18#15QK
	C18	5 µm	250 x 2.0 mm	YP5C18#25QS	YP5C18#25QK
	C18	5 µm	150 x 3.0 mm	YP5C18\$15QS	YP5C18\$15QK
	C18	5 µm	250 x 3.0 mm	YP5C18\$25QS	YP5C18\$25QK
	C18	5 µm	125 x 4.0 mm	YP5C18*12QS	YP5C18*12QK
	C18	5 µm	250 x 4.0 mm	YP5C18*25QS	YP5C18*25QK
	C18	5 µm	50 x 4.6 mm	YP5C18-5QS	YP5C18-5QK
	C18	5 µm	100 x 4.6 mm	YP5C18-10QS	YP5C18-10QK
	C18	5 µm	150 x 4.6 mm	YP5C18-15QS	YP5C18-15QK
	C18	5 µm	250 x 4.6 mm	YP5C18-25QS	YP5C18-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 135Å - 180 m ² /g deactivated %C : 11 end-capped	BDSC18	3 µm	150 x 2.0 mm	YP3BC18#15QS	YP3BC18#15QK
	BDSC18	3 µm	150 x 3.0 mm	YP3BC18\$15QS	YP3BC18\$15QK
	BDSC18	3 µm	50 x 4.6 mm	YP3BC18-5QS	YP3BC18-5QK
	BDSC18	3 µm	100 x 4.6 mm	YP3BC18-10QS	YP3BC18-10QK
	BDSC18	3 µm	150 x 4.6 mm	YP3BC18-15QS	YP3BC18-15QK
	BDSC18	5 µm	150 x 2.0 mm	YP5BC18#15QS	YP5BC18#15QK
	BDSC18	5 µm	250 x 2.0 mm	YP5BC18#25QS	YP5BC18#25QK
	BDSC18	5 µm	150 x 3.0 mm	YP5BC18\$15QS	YP5BC18\$15QK
	BDSC18	5 µm	250 x 3.0 mm	YP5BC18\$25QS	YP5BC18\$25QK
	BDSC18	5 µm	125 x 4.0 mm	YP5BC18*12QS	YP5BC18*12QK
	BDSC18	5 µm	250 x 4.0 mm	YP5BC18*25QS	YP5BC18*25QK
	BDSC18	5 µm	50 x 4.6 mm	YP5BC18-5QS	YP5BC18-5QK
	BDSC18	5 µm	100 x 4.6 mm	YP5BC18-10QS	YP5BC18-10QK
	BDSC18	5 µm	150 x 4.6 mm	YP5BC18-15QS	YP5BC18-15QK
	BDSC18	5 µm	250 x 4.6 mm	YP5BC18-25QS	YP5BC18-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 120Å - 180 m ² /g %C : 7 end-capped	C8	5 µm	150 x 2.0 mm	YP5C8#15QS	YP5C8#15QK
	C8	5 µm	250 x 2.0 mm	YP5C8#25QS	YP5C8#25QK
	C8	5 µm	150 x 3.0 mm	YP5C8\$15QS	YP5C8\$15QK
	C8	5 µm	250 x 3.0 mm	YP5C8\$25QS	YP5C8\$25QK
	C8	5 µm	125 x 4.0 mm	YP5C8*12QS	YP5C8*12QK
	C8	5 µm	250 x 4.0 mm	YP5C8*25QS	YP5C8*25QK
	C8	5 µm	50 x 4.6 mm	YP5C8-5QS	YP5C8-5QK
	C8	5 µm	100 x 4.6 mm	YP5C8-10QS	YP5C8-10QK
	C8	5 µm	150 x 4.6 mm	YP5C8-15QS	YP5C8-15QK
C8	5 µm	250 x 4.6 mm	YP5C8-25QS	YP5C8-25QK	

Yperspher® 120 Å

Silica manufacturer : Interchim

Standard silica type A
Spherical silica type A deactivated
Surface area : 180 m²/g
pH stability: 2 < pH < 7

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 135Å - 180 m ² /g deactivated %C : 7 end-capped	BDSC8	5 µm	150 x 2.0 mm	YP5BC8#15QS	YP5BC8#15QK
	BDSC8	5 µm	250 x 2.0 mm	YP5BC8#25QS	YP5BC8#25QK
	BDSC8	5 µm	150 x 3.0 mm	YP5BC8\$15QS	YP5BC8\$15QK
	BDSC8	5 µm	250 x 3.0 mm	YP5BC8\$25QS	YP5BC8\$25QK
	BDSC8	5 µm	125 x 4.0 mm	YP5BC8*12QS	YP5BC8*12QK
	BDSC8	5 µm	250 x 4.0 mm	YP5BC8*25QS	YP5BC8*25QK
	BDSC8	5 µm	50 x 4.6 mm	YP5BC8-5QS	YP5BC8-5QK
	BDSC8	5 µm	100 x 4.6 mm	YP5BC8-10QS	YP5BC8-10QK
	BDSC8	5 µm	150 x 4.6 mm	YP5BC8-15QS	YP5BC8-15QK
BDSC8	5 µm	250 x 4.6 mm	YP5BC8-25QS	YP5BC8-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Cyano 120Å - 180 m ² /g %C : 4 non end-capped	CN	5 µm	150 x 2.0 mm	YP5CN#15QS	YP5CN#15QK
	CN	5 µm	250 x 2.0 mm	YP5CN#25QS	YP5CN#25QK
	CN	5 µm	150 x 3.0 mm	YP5CN\$15QS	YP5CN\$15QK
	CN	5 µm	250 x 3.0 mm	YP5CN\$25QS	YP5CN\$25QK
	CN	5 µm	125 x 4.0 mm	YP5CN*12QS	YP5CN*12QK
	CN	5 µm	250 x 4.0 mm	YP5CN*25QS	YP5CN*25QK
	CN	5 µm	50 x 4.6 mm	YP5CN-5QS	YP5CN-5QK
	CN	5 µm	100 x 4.6 mm	YP5CN-10QS	YP5CN-10QK
	CN	5 µm	150 x 4.6 mm	YP5CN-15QS	YP5CN-15QK
CN	5 µm	250 x 4.6 mm	YP5CN-25QS	YP5CN-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Phenyl 120Å - 180 m ² /g %C : 5 non end-capped	PH	5 µm	150 x 2.0 mm	YP5PH#15QS	YP5PH#15QK
	PH	5 µm	250 x 2.0 mm	YP5PH#25QS	YP5PH#25QK
	PH	5 µm	150 x 3.0 mm	YP5PH\$15QS	YP5PH\$15QK
	PH	5 µm	250 x 3.0 mm	YP5PH\$25QS	YP5PH\$25QK
	PH	5 µm	125 x 4.0 mm	YP5PH*12QS	YP5PH*12QK
	PH	5 µm	250 x 4.0 mm	YP5PH*25QS	YP5PH*25QK
	PH	5 µm	50 x 4.6 mm	YP5PH-5QS	YP5PH-5QK
	PH	5 µm	100 x 4.6 mm	YP5PH-10QS	YP5PH-10QK
	PH	5 µm	150 x 4.6 mm	YP5PH-15QS	YP5PH-15QK
PH	5 µm	250 x 4.6 mm	YP5PH-25QS	YP5PH-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Amino 120Å - 180 m ² /g %C : 2 non end-capped	NH2	5 µm	150 x 2.0 mm	YP5NH2#15QS	YP5NH2#15QK
	NH2	5 µm	250 x 2.0 mm	YP5NH2#25QS	YP5NH2#25QK
	NH2	5 µm	150 x 3.0 mm	YP5NH2\$15QS	YP5NH2\$15QK
	NH2	5 µm	250 x 3.0 mm	YP5NH2\$25QS	YP5NH2\$25QK
	NH2	5 µm	125 x 4.0 mm	YP5NH2*12QS	YP5NH2*12QK
	NH2	5 µm	250 x 4.0 mm	YP5NH2*25QS	YP5NH2*25QK
	NH2	5 µm	50 x 4.6 mm	YP5NH2-5QS	YP5NH2-5QK
	NH2	5 µm	100 x 4.6 mm	YP5NH2-10QS	YP5NH2-10QK
	NH2	5 µm	150 x 4.6 mm	YP5NH2-15QS	YP5NH2-15QK
NH2	5 µm	250 x 4.6 mm	YP5NH2-25QS	YP5NH2-25QK	

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 120Å - 180 m ² /g	SI	5 µm	150 x 2.0 mm	YP5#15QS	YP5#15QK
	SI	5 µm	250 x 2.0 mm	YP5#25QS	YP5#25QK
	SI	5 µm	150 x 3.0 mm	YP5\$15QS	YP5\$15QK
	SI	5 µm	250 x 3.0 mm	YP5\$25QS	YP5\$25QK
	SI	5 µm	125 x 4.0 mm	YP5*12QS	YP5*12QK
	SI	5 µm	250 x 4.0 mm	YP5*25QS	YP5*25QK
	SI	5 µm	50 x 4.6 mm	YP5-5QS	YP5-5QK
	SI	5 µm	100 x 4.6 mm	YP5-10QS	YP5-10QK
	SI	5 µm	150 x 4.6 mm	YP5-15QS	YP5-15QK
	SI	5 µm	250 x 4.6 mm	YP5-25QS	YP5-25QK

Zorbax® 70 Å

Silica manufacturer : Agilent Technologies

Standard silica type A
Spherical
Surface area : 330 m²/g
pH stability: 2 < pH < 7

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octadecyl 70Å - 330 m ² /g %C : 20 end-capped 3.47 μmol/m ²	C18	5 μm	150 x 2.0 mm	Z5C18#15QS	Z5C18#15QK
	C18	5 μm	250 x 2.0 mm	Z5C18#25QS	Z5C18#25QK
	C18	5 μm	150 x 3.0 mm	Z5C18\$15QS	Z5C18\$15QK
	C18	5 μm	250 x 3.0 mm	Z5C18\$25QS	Z5C18\$25QK
	C18	5 μm	150 x 4.6 mm	Z5C18-15QS	Z5C18-15QK
	C18	5 μm	250 x 4.6 mm	Z5C18-25QS	Z5C18-25QK
	C18	7 μm	250 x 4.6 mm	Z7C18-25QS	Z7C18-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Octyl 70Å - 330 m ² /g %C : 10 end-capped 2.99 μmol/m ²	C8	5 μm	150 x 2.0 mm	Z5C8#15QS	Z5C8#15QK
	C8	5 μm	250 x 2.0 mm	Z5C8#25QS	Z5C8#25QK
	C8	5 μm	150 x 3.0 mm	Z5C8\$15QS	Z5C8\$15QK
	C8	5 μm	250 x 3.0 mm	Z5C8\$25QS	Z5C8\$25QK
	C8	5 μm	150 x 4.6 mm	Z5C8-15QS	Z5C8-15QK
	C8	5 μm	250 x 4.6 mm	Z5C8-25QS	Z5C8-25QK
	C8	7 μm	250 x 4.6 mm	Z7C8-25QS	Z7C8-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Methyl 70Å - 330 m ² /g %C : 5 non end-capped 4.79 μmol/m ²	C1	5 μm	150 x 2.0 mm	Z5C1#15QS	Z5C1#15QK
	C1	5 μm	250 x 2.0 mm	Z5C1#25QS	Z5C1#25QK
	C1	5 μm	150 x 3.0 mm	Z5C1\$15QS	Z5C1\$15QK
	C1	5 μm	250 x 3.0 mm	Z5C1\$25QS	Z5C1\$25QK
	C1	5 μm	150 x 4.6 mm	Z5C1-15QS	Z5C1-15QK
	C1	5 μm	250 x 4.6 mm	Z5C1-25QS	Z5C1-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Phenyl 70Å - 330 m ² /g %C : 5 end-capped 1.23 μmol/m ²	PH	5 μm	150 x 2.0 mm	Z5PH#15QS	Z5PH#15QK
	PH	5 μm	250 x 2.0 mm	Z5PH#25QS	Z5PH#25QK
	PH	5 μm	150 x 3.0 mm	Z5PH\$15QS	Z5PH\$15QK
	PH	5 μm	250 x 3.0 mm	Z5PH\$25QS	Z5PH\$25QK
	PH	5 μm	150 x 4.6 mm	Z5PH-15QS	Z5PH-15QK
	PH	5 μm	250 x 4.6 mm	Z5PH-25QS	Z5PH-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Amino 70Å - 330 m ² /g %C : 4 non end-capped 2.21 μmol/m ²	NH2	5 μm	150 x 2.0 mm	Z5NH2#15QS	Z5NH2#15QK
	NH2	5 μm	250 x 2.0 mm	Z5NH2#25QS	Z5NH2#25QK
	NH2	5 μm	150 x 3.0 mm	Z5NH2\$15QS	Z5NH2\$15QK
	NH2	5 μm	250 x 3.0 mm	Z5NH2\$25QS	Z5NH2\$25QK
	NH2	5 μm	150 x 4.6 mm	Z5NH2-15QS	Z5NH2-15QK
	NH2	5 μm	250 x 4.6 mm	Z5NH2-25QS	Z5NH2-25QK

	Phase	Particle size	Dimension	Modulo-Cart QS	Modulo-Cart QK
Silica 70Å - 330 m ² /g	SI	5 μm	150 x 2.0 mm	Z5SI#15QS	Z5SI#15QK
	SI	5 μm	250 x 2.0 mm	Z5SI#25QS	Z5SI#25QK
	SI	5 μm	150 x 3.0 mm	Z5SI\$15QS	Z5SI\$15QK
	SI	5 μm	250 x 3.0 mm	Z5SI\$25QS	Z5SI\$25QK
	SI	5 μm	150 x 4.6 mm	Z5SI-15QS	Z5SI-15QK
	SI	5 μm	250 x 4.6 mm	Z5SI-25QS	Z5SI-25QK



COLUMN & GUARD CARTRIDGE

Column Protection – On-line filters and guard cartridges

HPLC column performance can suffer from sample impurities. A range of tools are available to protect the column and retain performance. The simple addition of a low porosity 0.5 or 2 µm on-line filter can protect from physical impurities whilst a guard cartridge is one of the best means to protect against chemical sample pollution. Guard cartridges are typically packed with the same phase as the HPLC column - they should be changed on a regular basis for optimal protection.

Description	P/N	Qty
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Guard Cartridge holder

Direct connection for Modulo-cart QS (10 mm)	CH797540	1
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1/16" - 1/16" standard	CH980740	1
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Guard Cartridge

10 x 1,0 mm	Q95961	3
10 x 1,0 mm	Q95960	10
10 x 2,0 mm	CH980671	3
10 x 2,0 mm	CH980670	10
10 x 4,0 mm	CH979521	3
10 x 4,0 mm	CH979520	10



Caps/frits 2µm



for 1.0 mm i.d	CH980600	5
for 2.0 mm i.d	CH881940	5
for 3.0 mm i.d	CH881950	5
for 3.9 mm i.d	CH881960	5
for 4.0 mm i.d	CH881960	5
for 4.6 mm i.d	CH881970	5

Frit replacement tool

	CH347520	1
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On-line filter

0.5 µm	T50270	10
2.0 µm	R21281	10



C-clamps (Easy Modulo-Cart tighten /untightening)

Column i.d.		
1.0 & 2.0 mm	T94280	1
3.0 - 4.0 - 4.6 mm	R49870	1



High performance guard column

Short length guard columns are packed with the stationary phase of your requirement, typically the same phase as the column (specify stationary phase when ordering).

Even if the length of the guard column is relatively small, i.e. 20, 30 or 50 mm, it will perform as an analytical column, retention times are proportionally affected.

Analytical guard column

Direct analytical column fitting with no dead volume.

Description	Dimensions	P/N	Qty
Guard column	20 x 2.0 mm	CHAK1110	4
Replacement frits	2 µm. 2.0 mm i.d.	CH098980	4
Guard column	20 x 4.0 mm	CHAK1120	4
Replacement frits	2 µm. 4.0 mm i.d.	CH099240	4



Analytical guard column

Description	P/N	Qty
33 x 1.0 mm	CAK113Q	1
33 x 2.1 mm	CH86027Q	1
33 x 3.0 mm	CH88845Q	1
33 x 4.0 mm	CH89906Q	1
33 x 4.6 mm	CH10912Q	1



Guard cartridge need to be used w/ QS connectors CH953820

10 mm preparative guard cartridge

Description	Dimensions	P/N	Qty
Guard holder	10 mm i.d.	CH907780	1
Guard cartridge	10 x 10 mm	CH907770	1
Guard holder	21.2 mm i.d.	923431	1
Guard cartridge	10 x 21.2 mm	923421	1

30 and 50 mm preparative guard cartridge

Preparative guard cartridges are typically packed with particle sizes > 10 µm (prices are relative to the type of stationary phase). Contact Interchim regarding frit replacement.

Description	P/N	Qty
33 x 7.8 mm	CH73822Q	1
33 x 7.8 mm	CH73825Q	1
33 x 21.2 mm	CH73622Q	1
50 x 21.2 mm	CH52379Q	1
50 x 28.0 mm	CHAK107Q	1





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