高效液相層析管

HYPERSIL A Classical Columns

HYPERSIL Material Characteristics

Phases	Particle Size (u)	Pore Size (Å)	Surface Area (m^2/g)	Carbon Load (%)	End Capping
Silica	3, 5	120	170	0	No
C1 (SAS)	3, 5	120	170	2.5	Yes
C8 (MOS)	5	120	170	6.5	Yes
C8 (MOS-2)	3, 5	120	170	6.5	Yes
C18 (ODS)	3, 5	120	170	10.0	Yes
C18 (ODS-2)	5	80	220	11.0	Yes
Phenyl	3, 5	120	170	5.0	No
Phenyl-2	5	120	170	5.0	Yes
CN (CPS)	3, 5	120	170	4.0	No
CN (CPS-2)	5	120	170	4.0	Yes
NH_2 (APS-2)	5	120	170	1.9	No
SAX	5	120	170	2.5	Yes

HYPERSIL Columns Specifications

Phases	3u Columns (mm)						
Silica	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
C1 (SAS)	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
C8 (MOS-2)	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
C18 (ODS)	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
Phenyl	50 x 2.1	50 x 3.0	100 x 3.0	---	50 x 4.6	100 x 4.6	150 x 4.6
CN (CPS)	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
NH_2 (APS-2)	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6

Phases	5u Columns (mm)					
Silica	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
C1 (SAS)	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
C8 (MOS)	---	---	---	---	---	---
C8 (MOS-2)	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
C18 (ODS)	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
C18 (ODS-2)	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
Phenyl	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
Phenyl-2	50 x 2.1	---	---	---	---	---

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HYPERSIL Columns Specifications

Phases	5u Columns (mm)					
CN (CPS)	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
CN (CPS-2)	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
NH_2 (APS-2)	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
SAX	---	---	---	---	---	---

Phases	5u Columns (mm)					
Silica	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
C1 (SAS)	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
C8 (MOS)	---	---	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
C8 (MOS-2)	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
C18 (ODS)	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
C18 (ODS-2)	---	---	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
Phenyl	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
Phenyl-2	---	---	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
CN (CPS)	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
CN (CPS-2)	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
NH_2 (APS-2)	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
SAX	---	---	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6

HYPERSIL BDS A Classical Columns with Base Deactivated

HYPERSIL BDS Material Characteristics

Phases	Particle Size (u)	Pore Size (Å)	Surface Area (m^2/g)	Carbon Load (%)	End Capping
BDS C8	3, 5	130	170	7.0	Yes
BDS C18	3, 5	130	170	11.0	Yes
BDS Phenyl	3, 5	130	170	5.0	Yes
BDS CN	3, 5	130	170	4.0	Yes

HYPERSIL BDS Columns Specifications

Phases	3u Columns (mm)						
BDS C8	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6

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HYPERSIL BDS Columns Specifications

Phases	3u Columns (mm)						
BDS C18	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
BDS Phenyl	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
BDS CN	50 x 2.1	50 x 3.0	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6

Phases	5u Columns (mm)					
BDS C8	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
BDS C18	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
BDS Phenyl	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0
BDS CN	50 x 2.1	100 x 2.1	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0

Phases	5u Columns (mm)					
BDS C8	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
BDS C18	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
BDS Phenyl	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
BDS CN	125 x 4.0	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6

HYPERCARB The Unique Phase in Chromatography

HYPERCARB Material Characteristics

Phases	Particle Size (u)	Pore Size (Å)	Surface Area (m^2/g)	Carbon Load (%)	End Capping
Hypercarb	3, 5, 7	250	120	100	No

HYPERCARB Columns Specifications

Phases	3u Columns (mm)	
Hypercarb	30 x 4.6	50 x 4.6

Phases	5u Columns (mm)					
Hypercarb	20 x 2.1	30 x 2.1	50 x 2.1	100 x 2.1	50 x 3.0	100 x 3.0

Phases	5u Columns (mm)				
Hypercarb	20 x 4.6	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6

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HYPERCARB Columns Specifications

Phases	7u Columns (mm)		
Hypercarb	50 x 4.6	100 x 4.6	150 x 4.6

HYPURITY C18 The Ultimate Chromatographic Performance

HYPURITY C18 Material Characteristics

Phases	Particle Size (u)	Pore Size (Å)	Surface Area (m^2/g)	Carbon Load (%)	End Capping
HyPURITY C18	3, 5	190	200	13	Yes

HYPURITY C18 Columns Specifications

Phases	3u Columns (mm)					
HyPURITY C18	50 x 1.0	100 x 1.0	150 x 1.0	250 x 1.0	50 x 2.1	50 x 3.0

Phases	3u Columns (mm)				
HyPURITY C18	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6

Phases	5u Columns (mm)				
HyPURITY C18	100 x 1.0	150 x 1.0	250 x 1.0	50 x 2.1	100 x 2.1

Phases	5u Columns (mm)				
HyPURITY C18	150 x 2.1	50 x 3.0	100 x 3.0	150 x 3.0	125 x 4.0

Phases	5u Columns (mm)				
HyPURITY C18	250 x 4.0	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6

HYPERSIL ELITE C18 A High Performance Columns

HYPERSIL ELITE C18 Material Characteristics

Phases	Particle Size (u)	Pore Size (Å)	Surface Area (m^2/g)	Carbon Load (%)	End Capping
ELITE C18	5	115	250	15	Yes

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HYPERSIL ELITE C18 Columns Specifications

Phases	5u Columns (mm)		
ELITE C18	50 x 4.6	100 x 4.6	250 x 4.6

HYPERSIL GOLD Enhanced Sensitivity and Quantitation by Obtaining Symmetrical Peak Shapes for Basic Pharmaceuticals

HYPERSIL GOLD Material Characteristics

Phases	Particle Size (u)	Pore Size (Å)	Surface Area (m^2/g)	Carbon Load (%)	End Capping
GOLD C8	3, 5	175	220	8	Yes
GOLD C18	3, 5	175	220	10	Yes
GOLD PFP (Perfluorophenyl)	3, 5	175	220	8	Yes
GOLD CN	3, 5	175	220	4	Yes
GOLD aQ	3, 5	175	220	---	Yes

HYPERSIL GOLD Columns Specifications

Phases	3u Columns (mm)				
GOLD aQ	30 x 1.0	50 x 1.0	100 x 1.0	150 x 1.0	30 x 2.1

Phases	3u Columns (mm)				
GOLD C8	50 x 2.1	---	---	---	50 x 3.0
GOLD C18	50 x 2.1	---	---	---	50 x 3.0
GOLD PFP (Perfluorophenyl)	50 x 2.1	---	150 x 2.1	---	50 x 3.0
GOLD CN	50 x 2.1	---	150 x 2.1	---	50 x 3.0
GOLD aQ	50 x 2.1	100 x 2.1	150 x 2.1	30 x 3.0	50 x 3.0

Phases	3u Columns (mm)				
GOLD C8	100 x 3.0	---	---	---	---
GOLD C18	100 x 3.0	---	---	---	---
GOLD PFP (Perfluorophenyl)	100 x 3.0	---	---	---	---
GOLD CN	100 x 3.0	---	---	---	---
GOLD aQ	100 x 3.0	150 x 3.0	30 x 4.0	50 x 4.0	100 x 4.0

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HYPERSIL GOLD Columns Specifications

Phases	3u Columns (mm)				
GOLD C8	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
GOLD C18	100 x 3.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6
GOLD PFP (Perfluorophenyl)	100 x 3.0	---	50 x 4.6	100 x 4.6	150 x 4.6
GOLD CN	100 x 3.0	---	50 x 4.6	100 x 4.6	150 x 4.6
GOLD aQ	150 x 4.0	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6

Phases	5u Columns (mm)				
GOLD aQ	30 x 1.0	50 x 1.0	100 x 1.0	150 x 1.0	250 x 1.0

Phases	5u Columns (mm)				
GOLD C8	---	50 x 2.1	---	150 x 2.1	---
GOLD C18	---	50 x 2.1	100 x 2.1	150 x 2.1	---
GOLD PFP (Perfluorophenyl)	---	50 x 2.1	---	150 x 2.1	---
GOLD CN	---	50 x 2.1	---	150 x 2.1	---
GOLD aQ	30 x 2.1	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1

Phases	5u Columns (mm)				
GOLD C8	---	50 x 3.0	---	150 x 3.0	---
GOLD C18	---	50 x 3.0	100 x 3.0	150 x 3.0	---
GOLD PFP (Perfluorophenyl)	---	50 x 3.0	---	---	---
GOLD CN	---	---	---	150 x 3.0	---
GOLD aQ	30 x 3.0	50 x 3.0	100 x 3.0	150 x 3.0	250 x 3.0

Phases	5u Columns (mm)				
GOLD aQ	30 x 4.0	50 x 4.0	100 x 4.0	150 x 4.0	250 x 4.0

Phases	5u Columns (mm)				
GOLD C8	---	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
GOLD C18	---	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
GOLD PFP (Perfluorophenyl)	---	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
GOLD CN	---	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
GOLD aQ	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6