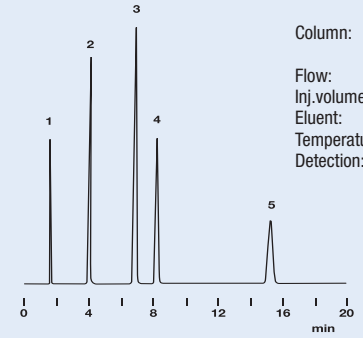
MZ ANALYSENTECHNIK

PerfectChrom®

The Perfect Choice for Reliable Routine Analytics

- Complex range of chemistries
- Each column is tested individually
- Manufacturing process ISO 9001-certified
- Available as bulk media
- Refillable stainless steel column
- Best value for your money

Polar Substances



Column: PerfectChrom 100 C18 5 µm 150 x 4.6 mm
Flow: 1.0 ml/min
Inj.volume: 10 µl
Eluent: MeOH:H_2O 55:45
Temperature: 30 °C
Detection: UV @ 254 nm

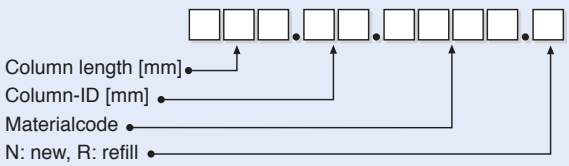
Analytes:
1 uracil
2 acetophenone
3 methylbenzoate
4 benzene
5 toluene

PerfectChrom® Technical Data

	code	size	pore size	surface	price group
PerfectChrom 60 Sil	**1575**	5 µm	60 Å	550 m^2/g	C
PerfectChrom 60 Sil	**1577**	10 µm	60 Å	550 m^2/g	C
PerfectChrom 100 Sil	**1525**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 Sil	**1527**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C18	**1503**	3 µm	100 Å	350 m^2/g	F
PerfectChrom 100 C18	**1505**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C18	**1500**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C18	**1506**	15 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C18L	**1494**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C18L	**1496**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C18M	**1504**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C18AB	**1580**	5 µm	100 Å	350 m^2/g	D
PerfectChrom 100 C8	**1513**	3 µm	100 Å	350 m^2/g	F
PerfectChrom 100 C8	**1515**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C8	**1510**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C8M	**1514**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C1	**1535**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C4	**1539**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 C6	**1543**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 CN	**1555**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 CN	**1557**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 Diol	**1559**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 Diol	**1560**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 NH2	**1551**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 NH2	**1552**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 Phenyl	**1545**	3 µm	100 Å	350 m^2/g	C
PerfectChrom 100 Phenyl	**1547**	5 µm	100 Å	350 m^2/g	C
PerfectChrom 100 Phenyl	**1549**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 Phenyl M	**1550**	10 µm	100 Å	350 m^2/g	C
PerfectChrom 100 SAX	**1563**	5 µm	100 Å	350 m^2/g	D
PerfectChrom 100 SAX	**1565**	10 µm	100 Å	350 m^2/g	D
PerfectChrom 100 SCX	**1567**	5 µm	100 Å	350 m^2/g	D
PerfectChrom 100 SCX	**1569**	10 µm	100 Å	350 m^2/g	D

L x ID [mm]	C New	C Refill	D New	D Refill	F New	F Refill
50 x 2.1	154.--	113.--	154.--	113.--	195.--	154.--
100 x 2.1	192.--	151.--	192.--	151.--	251.--	210.--
125 x 2.1	213.--	172.--	213.--	172.--	256.--	215.--
150 x 2.1	225.--	185.--	225.--	185.--	270.--	230.--
200 x 2.1	238.--	200.--	238.--	200.--	287.--	249.--
250 x 2.1	248.--	205.--	248.--	205.--	307.--	264.--
50 x 3.0	149.--	121.--	149.--	121.--	169.--	141.--
100 x 3.0	169.--	139.--	169.--	139.--	192.--	162.--
125 x 3.0	174.--	141.--	174.--	141.--	200.--	167.--
150 x 3.0	185.--	152.--	185.--	152.--	210.--	177.--
200 x 3.0	190.--	155.--	190.--	155.--	230.--	195.--
250 x 3.0	197.--	159.--	197.--	159.--	243.--	205.--
20 x 4.0	109.--	87.--	116.--	94.--	151.--	129.--
33 x 4.0	119.--	95.--	128.--	104.--	167.--	143.--
40 x 4.0	128.--	106.--	138.--	116.--	179.--	157.--
50 x 4.0	134.--	108.--	145.--	119.--	189.--	163.--
60 x 4.0	141.--	114.--	151.--	124.--	197.--	170.--
75 x 4.0	147.--	119.--	157.--	129.--	205.--	177.--
100 x 4.0	152.--	123.--	164.--	135.--	213.--	184.--
125 x 4.0	157.--	127.--	169.--	139.--	220.--	190.--
150 x 4.0	163.--	131.--	174.--	152.--	227.--	195.--
200 x 4.0	172.--	140.--	185.--	153.--	241.--	209.--
250 x 4.0	181.--	149.--	194.--	162.--	253.--	221.--
300 x 4.0	203.--	160.--	222.--	179.--	287.--	244.--
20 x 4.6	114.--	92.--	124.--	102.--	160.--	138.--
33 x 4.6	125.--	101.--	135.--	111.--	175.--	151.--
40 x 4.6	135.--	113.--	146.--	124.--	189.--	167.--
50 x 4.6	141.--	115.--	153.--	127.--	198.--	172.--
60 x 4.6	148.--	121.--	160.--	133.--	208.--	181.--
75 x 4.6	154.--	126.--	167.--	139.--	216.--	188.--
100 x 4.6	160.--	131.--	173.--	144.--	224.--	195.--
125 x 4.6	165.--	135.--	179.--	149.--	231.--	201.--
150 x 4.6	171.--	139.--	185.--	153.--	239.--	207.--
200 x 4.6	181.--	149.--	196.--	164.--	253.--	221.--
250 x 4.6	189.--	157.--	205.--	173.--	265.--	233.--
300 x 4.6	219.--	176.--	246.--	203.--	289.--	246.--

Part-No.



Example: HPLC-column (new) 200 x 4.0 mm
PerfectChrom 100 C18 3 µm
=> 200.4,0.1503.N

all prices in EUR excluding VAT