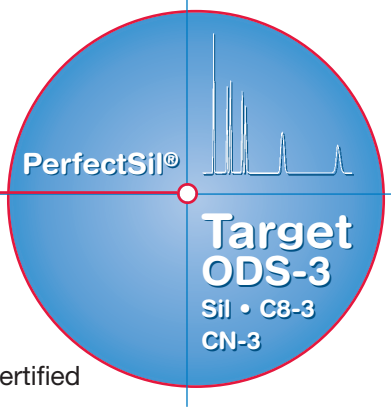
www.perfectsil.com

MZ ANALYSENTECHNIK

PerfectSil® Target



Excellent Performance + Peak Symmetry = Aim Achieved

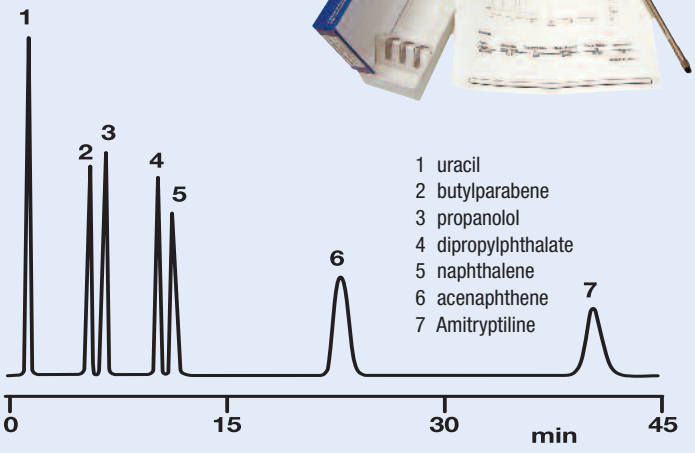
- Chemistries: Sil • ODS-3 • C8-3 • CN-3
- Available with 3 µm & 5 µm particle size
- Highly pure silica: 99,999 %
- High mechanical & chemical resistibility
- Elaborated endcapping
- Excellent peak symmetry even for basic compounds
- Exquisite reproducibility
- Each column tested individually
- Particularly suitable for LC/MS
- Manufacturing process ISO 9001-certified
- Ships with HPLC-Column Quality Certificate including authentic test-chromatogram

Technical Data	ODS-3
chemistry	C18
pore width	100 Å
pore volume	1.1 cm^3/g
surface area (BET)	450 m^2/g
carbon load	17 %
silica purity	> 99.999 %
metal impurities	< 5 ppm

Amitryptiline

PerfectSil Target ODS-3 5 µm 200 x 4.6 mm

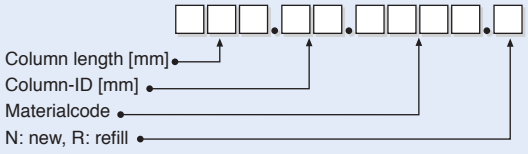
Flow:	1.5 ml/min
Inj.volume:	5 µl
Eluent:	methanol / 20 mM phosphate buffer pH=7.0
Temperature:	40 °C
Detection:	UV @ 254 nm



1 uracil
2 butylparabene
3 propanolol
4 dipropylphthalate
5 naphthalene
6 acenaphthene
7 Amitryptiline

length x ID [mm]	3 µm New	3 µm Refill	5 µm New	5 µm Refill
50 x 2.1	195.--	154.--	154.--	113.--
100 x 2.1	251.--	210.--	192.--	151.--
125 x 2.1	256.--	215.--	213.--	172.--
150 x 2.1	270.--	230.--	225.--	185.--
200 x 2.1	287.--	249.--	238.--	200.--
250 x 2.1	307.--	264.--	248.--	205.--
50 x 3.0	169.--	141.--	149.--	121.--
100 x 3.0	192.--	162.--	179.--	149.--
125 x 3.0	200.--	167.--	185.--	151.--
150 x 3.0	210.--	177.--	200.--	167.--
200 x 3.0	230.--	195.--	210.--	175.--
250 x 3.0	243.--	205.--	215.--	177.--
20 x 4.0	151.--	129.--	130.--	108.--
33 x 4.0	167.--	143.--	143.--	119.--
40 x 4.0	179.--	157.--	154.--	132.--
50 x 4.0	189.--	163.--	162.--	136.--
60 x 4.0	197.--	170.--	169.--	142.--
75 x 4.0	205.--	177.--	176.--	148.--
100 x 4.0	213.--	184.--	183.--	154.--
125 x 4.0	220.--	190.--	189.--	159.--
150 x 4.0	227.--	195.--	195.--	163.--
200 x 4.0	241.--	209.--	207.--	175.--
250 x 4.0	253.--	221.--	217.--	185.--
300 x 4.0	287.--	244.--	246.--	203.--
20 x 4.6	160.--	138.--	137.--	115.--
33 x 4.6	175.--	151.--	150.--	126.--
40 x 4.6	189.--	167.--	162.--	140.--
50 x 4.6	198.--	172.--	170.--	144.--
60 x 4.6	208.--	181.--	178.--	151.--
75 x 4.6	216.--	188.--	185.--	157.--
100 x 4.6	224.--	195.--	192.--	163.--
125 x 4.6	231.--	201.--	198.--	168.--
150 x 4.6	239.--	207.--	205.--	173.--
200 x 4.6	253.--	221.--	217.--	185.--
250 x 4.6	265.--	233.--	227.--	195.--
300 x 4.6	289.--	246.--	265.--	222.--

Part-No.



Example: HPLC-column (new) 200 x 4.6 mm
PerfectSil Target ODS-3 5 µm
=> 200.4,6.0801.N

Materialcode
PerfectSil Target...

Sil 100	3 µm = 0803
Sil 100	5 µm = 0800
ODS-3	3 µm = 0802
ODS-3	5 µm = 0801
ODS-3	10 µm = 0806
C8-3	3 µm = 0812
C8-3	5 µm = 0811
CN-3	5 µm = 0818

all prices in EUR excluding VAT

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