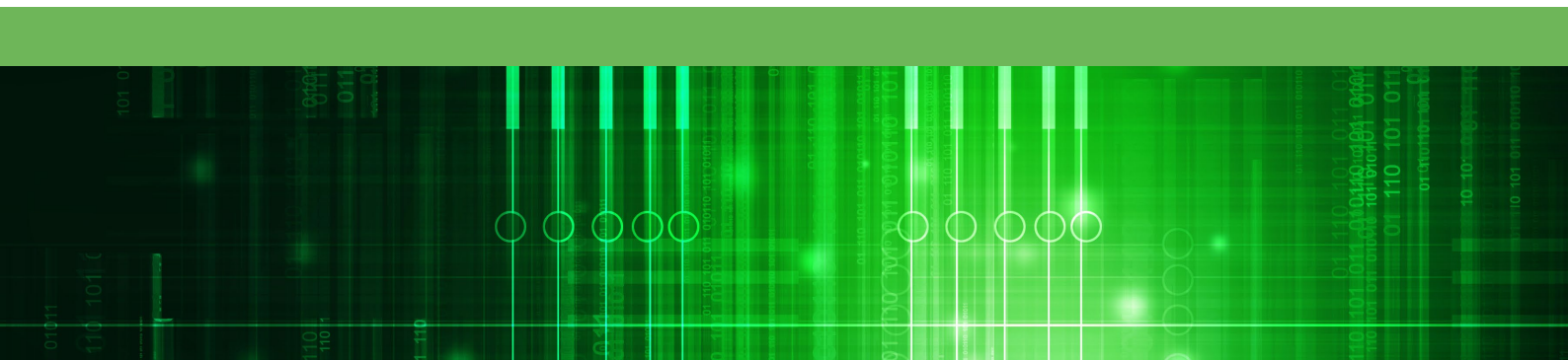


GC Capillary Column

InertCap 5MS/EX

For High Temperature Analysis



Unparalleled Performance in GC-MS

InertCap 5MS/EX is a premium-grade GC-MS column engineered for the highest analytical demands.

With world-class ultra-low bleed and outstanding inertness, it ensures reliable quantitation and sharp peak shapes even for highly active or thermally labile compounds.

Ideal for trace analysis and sensitive applications, InertCap 5MS/EX delivers unmatched performance in both routine and advance GC-MS workflows.

Specification

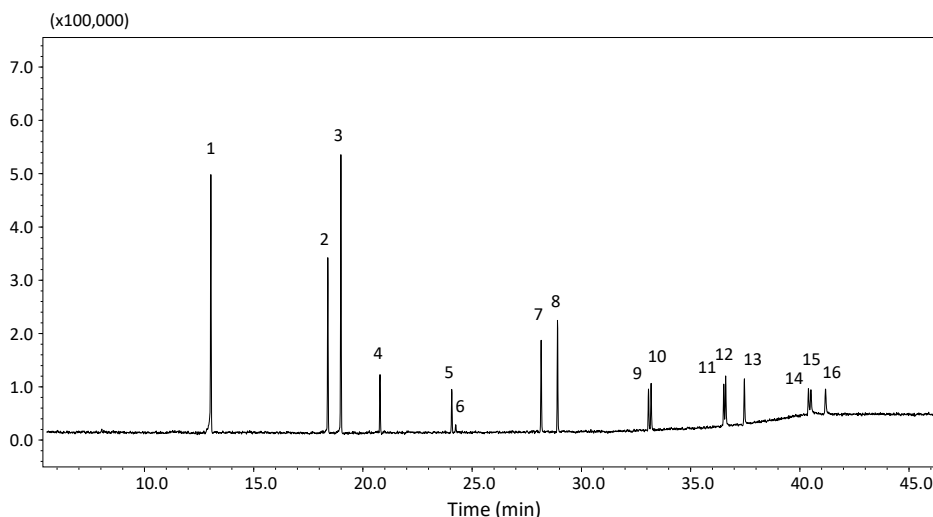
- 5 % Diphenyl (equiv.) - 95 % Dimethylpolysilarylene
- USP Phase G27
- Low Polarity
- Equivalent to DB-5Q, HP-5Q



Application

System : GC-MS
 Column : InertCap 5MS/EX 0.25 mm I.D. x 30 m df = 0.25 μ m
 Col. Temp. : 50 °C (2 min)-7 °C/min-310 °C (10 min)
 Carrier Gas : He, 40 cm/sec constant
 Inlet Temp. : 250 °C
 Inlet mode : Splitless
 Purge : 5 mL/min
 Detection : MS TIC (m/z 70-400)
 I.S. temp. : 230 °C
 Sample Size : 1 μ L (0.08 ppm – 2 ppm)

Analysis of PAHs



1. Naphthalene
2. Acenaphthylene
3. Acenaphthene
4. Fluorene
5. Phenanthrene
6. Anthracene
7. Fluoranthene
8. Pyrene
9. Benz[a]anthracene
10. Chrysene
11. Benzo[b]fluoranthene
12. Benzo[k]fluoranthene
13. Benzo[a]pyrene
14. Indeno[1,2,3-cd]pyrene
15. Dibenzo[a,h]anthracene
16. Benzo[ghi]perylene

Ordering Information

I.D.	Length	Film Thickness	Max Temperature	Cat.No.
0.18 mm	10 m	0.18 μ m	iso. 340 °C / Prog. 360 °C	1010-15511
	20 m	0.18 μ m	iso. 340 °C / Prog. 360 °C	1010-15531
	20 m	0.36 μ m	iso. 340 °C / Prog. 360 °C	1010-15533
0.25 mm	5 m	0.25 μ m	iso. 340 °C / Prog. 360 °C	Inquire
	15 m	0.25 μ m	iso. 340 °C / Prog. 360 °C	1010-15622
	30 m	0.25 μ m	iso. 340 °C / Prog. 360 °C	1010-15642
	40 m	0.25 μ m	iso. 340 °C / Prog. 360 °C	1010-15652
	30 m	0.50 μ m	iso. 340 °C / Prog. 360 °C	1010-15644
	60 m	0.25 μ m	iso. 340 °C / Prog. 360 °C	1010-15662
0.32 mm	30 m	0.25 μ m	iso. 340 °C / Prog. 360 °C	1010-15742
	30 m	0.50 μ m	iso. 340 °C / Prog. 360 °C	1010-15744

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