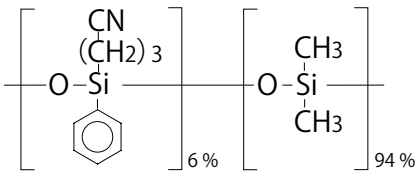
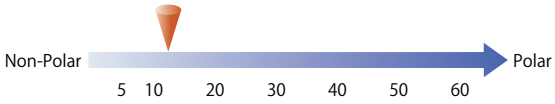
InertCap™ 624

- 6 % Cyanopropylphenyl - 94 % Methylpolysiloxane
- USP Phase G43
- Medium Polar
- Cross-Linked
- Equivalent：DB-624, HP-VOC, Rtx-624, VF-624ms

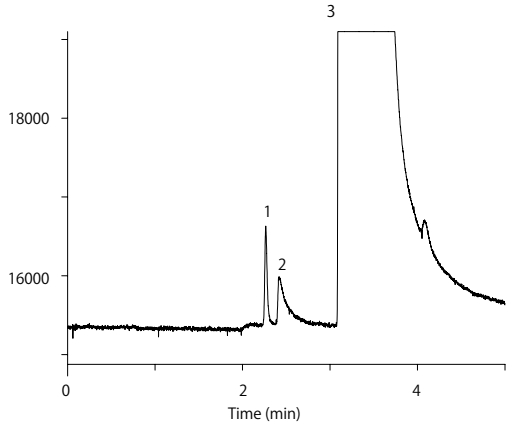
InertCap 624 is a medium polar column incorporating 6 % cyanopropylphenyl and 94 % methylpolysiloxane, designed for VOC analysis. Corresponding to the USP G43, InertCap 624 is optimal for the analysis of "acetaldehyde-methanol in ethanol" defined in the Japanese Pharmacopeia Fifteenth Edition.

Structure





Impurities in ethanol



System : GC/FID
Column : InertCap 624 0.32 mm I.D. × 30 m df = 1.80 μm
Col. Temp. : 40 ℃
Carrier Gas : He 60 kPa
Injection : Split 1:20 240 ℃
Detection : FID Range 10^0 240 ℃
Sample Size : 1 μL

1. Acetaldehyde
2. Methanol
3. Ethanol

【 InertCap™ 624 】

ID (mm)	Length (m)	Thickness (μm)	Max. Temperature (℃)	Cat.No.
0.25	30	1.40	iso.260-prog.260	1010-14646
	60	1.40	iso.260-prog.260	1010-14666
0.32	30	1.80	iso.260-prog.260	1010-14747
		3.00		1010-14748
	60	1.80	iso.260-prog.260	1010-14767
0.53	30	3.00	iso.260-prog.260	1010-14948
	75	3.00	iso.260-prog.260	1010-14978