



Teknokroma Capillary Columns

TRB-225

50% Cyanopropyl-phenyl - 50% dimethyl polysiloxane, bonded and crosslinked phase.

- 50% Cyanopropyl-phenyl - 50% dimethyl polysiloxane
- Medium/high polarity column
- Excellent for separating cis-trans isomers of FAMES and sugar derivatives.

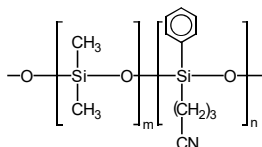
TRB-225 Equivalent Phase

Agilent: HP-225, DB-225, CP-SIL 43 CB

Restek: Rtx-225

SGE: BP-225

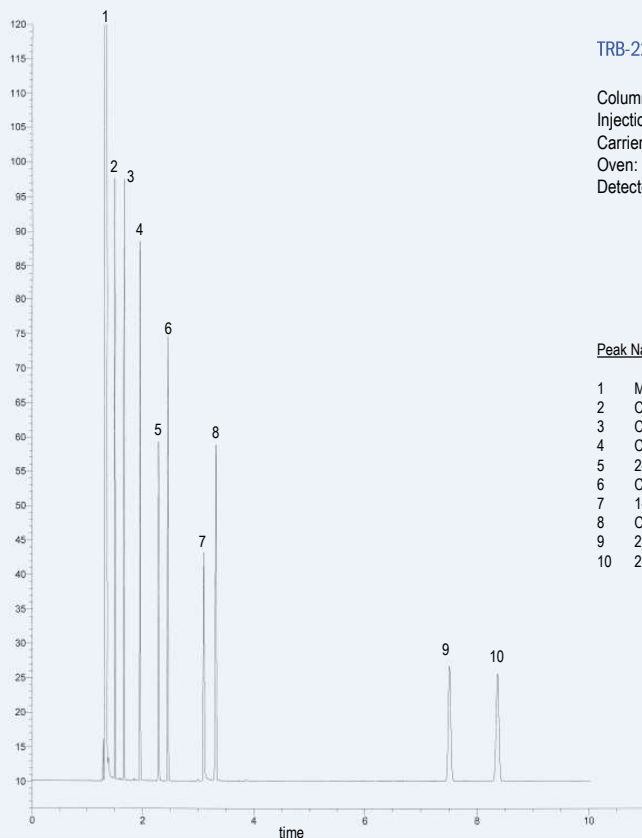
Quadrex: 007-225



Structure of Poly (dimethylcyanopropylphenyl) siloxane

TRB-225

Internal Diam. (mm)	Length (m)	Film Thickness (µm)	Temp. limits (°C)	Part. N°. (P/N)
0,10	20	0,10	40 to 220/240	TR-250181
0,18	20	0,18	40 to 220/240	TR-252184
0,20	15	0,20	40 to 220/240	TR-252119
	30	0,20	40 to 220/240	TR-252139
0,25	15	0,15	40 to 220/240	TR-251312
	15	0,25	40 to 220/240	TR-250212
	30	0,15	40 to 220/240	TR-251332
0,32	30	0,25	40 to 220/240	TR-250232
	15	0,15	40 to 220/240	TR-251313
	15	0,25	40 to 220/240	TR-250213
0,53	30	0,15	40 to 220/240	TR-251333
	30	0,25	40 to 220/240	TR-250233
	15	1,00	40 to 200/220	TR-251015
30	1,00	40 to 200/220	TR-251035	



TRB-225 Test

Column: **TRB-225**, 30 m x 0.25 mm x 0.15 µm, P/N TR-251332

Injection: 1 µL standard SP-4-7301, split 1:50, 260 °C

Carrier gas: H₂, ct pressure 12 psi (82.7 kPa)

Oven: 110 °C

Detector: FID, 280 °C

Peak Name

- 1 Methylene chloride
- 2 C-10
- 3 C-11
- 4 C-12
- 5 2-Octanone
- 6 C-13
- 7 1-Octanol
- 8 C-14
- 9 2,6-Dimethylphenol
- 10 2,6-Dimethylaniline

TKG 1127