

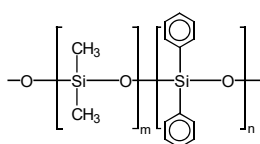


Teknokroma Capillary Columns

TRB-5HT

95% Dimethyl- 5% diphenylpolysiloxane, bonded and crosslinked phase.

- Produced specially for analysis at high temperature up to 400°C
- Fused silica tube covered with polyimide, resistant to high temperatures, or stainless steel tube (specially deactivated)
- Excellent symmetry for compounds with high boiling points
- Preferably used for the analysis of waxes, triglycerides, sterol esters, polyoxyethylenated alcohols, etc.

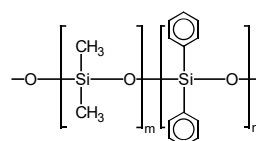


Structure of Poly (dimethyldiphenyl) siloxane

TRB-STEROL

95% Dimethyl- 5% diphenylpolysiloxane, bonded and crosslinked phase.

- Column specifically designed for the analysis of complex mixtures of sterols, from either animal or plant origin
- Deactivation method of the capillary tube wall, developed by Teknokroma, that guarantees a high chemical inertness a low bleeding level and allows the analysis of sterols without derivatization
- The column is specifically tested for sterols



Structure of Poly (dimethyldiphenyl) siloxane

TRB-5HT Equivalent Phase

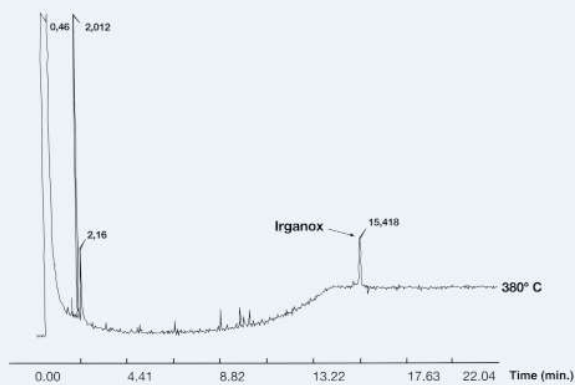
Agilent: DB-5HT, VF-5HT
Phenomenex: ZB-5HT
Restek: Rxi-5HT

TRB-5HT

Internal Length	Film	Temp	Part.	
Diam.(mm) (m)	Thickness (µm)	limits (°C)	N°. (P/N)	
0,25	15	0,10	-60 to 400	TR-620112
	30	0,10	-60 to 400	TR-620132
0,32	15	0,10	-60 to 400	TR-620113
	30	0,10	-60 to 400	TR-620133

Irganox® 1010

Column: **TRB-5HT**, 15m x 0,25 mm x 0,10 µm, P/N TR-620112
 Injection: 1µL (Irganox 1010, 12 mg/ml chloroform), split (1:60), 370°C
 Carrier gas: H₂, 6psi (41,3 kPa)
 Oven: 150°C to 380°C (10 min) @ 30°C/min
 Detector: FID to 390°C



TKG 1110

TRB-STEROL Equivalent Phase

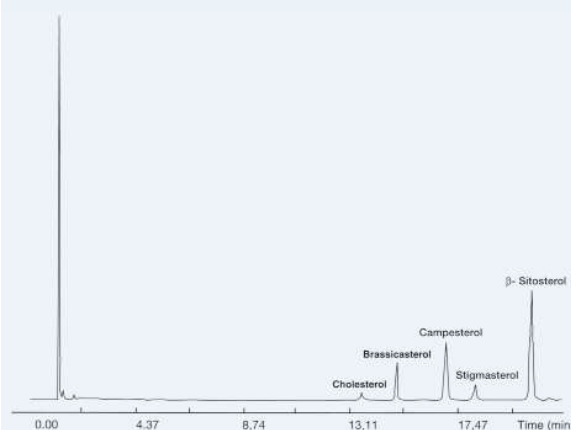
Supelco: SAC-5

TRB-STEROL

Internal Length	Film	Temp	Part.	
Diam.(mm) (m)	Thickness (µm)	limits (°C)	N°. (P/N)	
0,22	30	0,22	-60 to 325-350	TR-182238
	30	0,12	-60 to 325-350	TR-180738

Sterols

Column: **TRB-STEROL**, 30m x 0,22 mm x 0,22 µm, P/N TR-182238
 Oven: 265°C
 Injector: 280°C
 Carrier gas: H₂, 18 psi (124 kPa)
 Injection: 0,5 µL sterols standard (25 mg/ml), split (1:100)
 Detector: FID 300°C



TKG 1111