



# Teknokroma Capillary Columns

## TR-CRESOL

### Proprietary Nonbonded phase.

- Column specially designed for analysis of phenolic compounds (phenols, cresylic acids)
- Derivatization of phenolic compounds is not required to obtain suitable resolution
- Resolves m-cresol/p-cresol and 2,4-xylene/2,5-xylene pairs, which are not separated with other columns used for this analysis such as TRB-5 and TRB-WAX

### TR-CRESOL Equivalent Phase

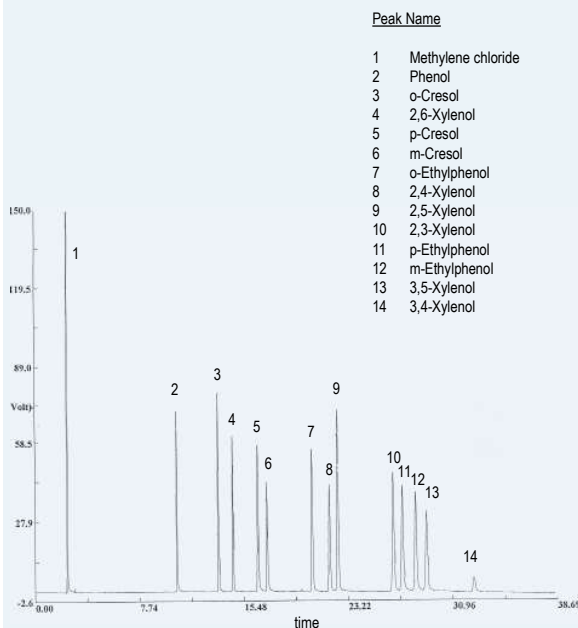
**Agilent:** CP-CRESOL

### TR-CRESOL

Internal Length	Film	Temp	Part.	
Diam.(mm) (m)	Thickness (µm)	limits (°C)	N°. (P/N)	
<b>0,25</b>	30	0,20	130	<b>TR-702132</b>
	60	0,20	130	<b>TR-702162</b>

### TR-CRESOL Cresols

Column: **TR-CRESOL**, 60 m x 0.25 mm x 0.20 µm, P/N TR-702162  
 Injection: 1 µL standard Cresols (5000 ng/mL comp), split 1:25, 150°C  
 Carrier gas: H<sub>2</sub>, ct pressure 24 psi (165 kPa)  
 Oven: 130 °C  
 Detector: FID, 150 °C

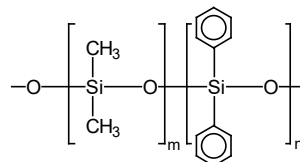


TKG 1137

## TR-17

### Poly (methylphenylsiloxane)

- Not bonded phase
- Recommended by pharmacopoeia for determining the impurities of sodium saccharin (o-p-Toluensulfonamides)



Structure of Poly (dimethyldiphenyl) siloxane

### TR-17 Equivalent Phase

**Agilent:** HP-17, DB-17

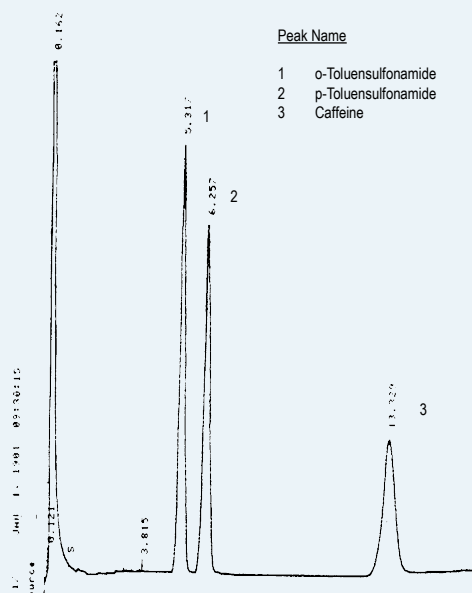
**Restek:** Rtx-17

### TR-17

Internal Length	Film	Temp	Part.	
Diam.(mm) (m)	Thickness (µm)	limits (°C)	N°. (P/N)	
<b>0,53</b>	10	2,00	40 to 220/240	<b>TR-712045</b>

### TR-17 Impurities of sodium saccharin

Column: **TR-17**, 10 m x 0.53 mm x 2.0 µm, P/N TR-712045  
 Injector: 260 °C  
 Carrier gas: He, 6.5 psi  
 Injection: 1ml standard, split 1:4  
 Oven: 180 °C  
 Detector: FID, 280 °C



TKG 1138