



Teknokroma Capillary Columns

Meta.X5 TRIAZINE (proprietary phase)

Silphenylene phase, selectivity similar to TRB-5, bonded and crosslinked phase.

- New formulation for Meta.X5 stationary phase. Ideal for separation of Triazine herbicides from EPA 609 method.
- Low bleed and excellent inertness for the analysis of traces of herbicides by GC/MS.
- General purpose column for pesticides.

Meta.X5 TRIAZINE

Internal Length	Film	Temp	Part.
Diam.(mm) (m)	Thickness (µm)	limits (°C)	N°. (P/N)
0,30 30	0,25	325 to 350°C	TR-410232

Meta.XLB (proprietary phase)

Silphenylene phase, bonded and crosslinked

- Low polarity phase with Extreme Low Bleed.
- Directly replace for DB-XLB
- General purpose column with extended temperature range (30 to 340/360°C)
- Ideal column for GC-MS analysis
- Unique selectivity for aromatic compounds (PCBs,PAHs,PBDEs)
- Excellent column for pesticides and herbicides

Meta.XLB Equivalent Phase

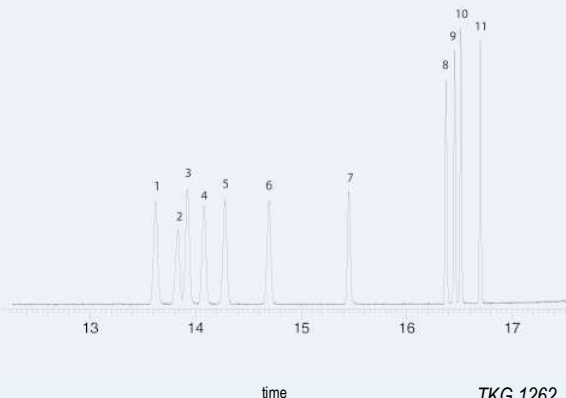
Restek: Rxi-XLB
Agilent/JW: DB-XLB, VF-XMS
Supelco: MDN 12
Phenomenex: ZB-XLB
Macherey-Nagel: OPTIMA XLB

Triazine Herbicides

Column: **Meta.X5 TRIAZINE**, 30m x 0.25mm x 0.25 µm, P/N TR-410232
 Injection: split 1:25, 250 °C
 Carrier gas: He, ct flow 1.0 ml/min
 Oven: 80 °C (0.5 min) to 160 °C (7 min) @ 30 °C/min to 195°C @ 7 °C/min to 290 °C (3 min) @ 45 °C/min
 Transfer Line: 290°C
 Ionization mode: EI
 Scan range: 50-450 amu
 Sample: Triazine herbicides EPA 619 2 ng/compound on column

Peak Name

- 1 Atraton
- 2 Simazine
- 3 Prometon
- 4 Atrazine
- 5 Propazine
- 6 Terbutylazine
- 7 Secbumeton
- 8 Simetryn
- 9 Ametryn
- 10 Prometryn
- 11 Terbutryn



Meta.XLB

Internal Length	Film	Temp	Part.	
Diam.(mm) (m)	Thickness (µm)	limits (°C)	N°. (P/N)	
0,10 10	0,10	30 to 340/360°C	TR-330141	
0,18 20	0,18	30 to 340/360°C	TR-330984	
	30	0,18	30 to 340/360°C	TR-330934
	60	0,18	30 to 340/360°C	TR-330964
0,25 15	0,10	30 to 340/360°C	TR-330112	
	15	0,25	30 to 340/360°C	TR-330212
	15	1,00	30 to 340/360°C	TR-331012
	30	0,10	30 to 340/360°C	TR-330132
30	0,25	30 to 340/360°C	TR-330232	
	30	0,50	30 to 340/360°C	TR-330532
	30	1,00	30 to 340/360°C	TR-331032
60	0,25	30 to 340/360°C	TR-330262	
	0,32 15	0,25	30 to 340/360°C	TR-330213
15	1,00	30 to 340/360°C	TR-331013	
	30	0,10	30 to 340/360°C	TR-330133
30	0,25	30 to 340/360°C	TR-330233	
	30	0,50	30 to 340/360°C	TR-330533
30	1,00	30 to 340/360°C	TR-331033	
	60	0,25	30 to 340/360°C	TR-330263
0,53 15	1,50	30 to 320/340°C	TR-331515	
	30	1,50	30 to 320/340°C	TR-331535