

VertiBond™ 35ms

VertiBond™ 35ms Capillary Columns

- 35% Phenyl, 65% Dimethylpolysiloxane
- Intermediate polar stationary phase
- Low-Bleed for MS application or trace analysis
- High temperature range
- High efficiency, high inertness columns

VertiBond™ 35ms column contains 35% Phenyl, 65% Dimethyl polysiloxane stationary phases with low-bleed. This intermediate polarity phase offers significant elution order and retention time changes by MS applications.



Capillary Columns

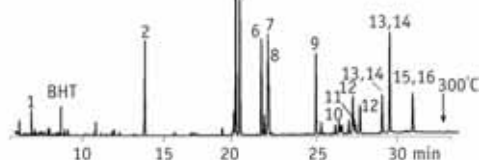
VertiBond™ 35ms Capillary Columns				
Length (m)	I.D. (mm)	Film (µm)	Temp. Limits (°C)	Part No.
15	0.25	0.25	340/360	0406-2051
30	0.25	0.25	340/360	0406-2053
60	0.25	0.25	340/360	0406-2055

VertiBond™ 35ms Specifications	
Phase:	35% Phenyl, 65% Dimethylpolysiloxane
Polarity:	Intermediate Polar
USP Designation:	G42
Ideal for:	Pesticides, Herbicides, Drugs, Aromatics

VertiBond™ 35ms equivalent phase	
Agilent	HP-35ms, DB-35ms

Synthetic Pyrethroid Cypermethrin

- | | |
|----------------------|------------------|
| 1 Natural Pyrethrums | 9 Permethrin |
| 2 Allethrin | 10 Cyfluthrin |
| 3 Bioresmethrin | 11 Cypermethrin |
| 4 Resmethrin | 12 Flucythrinate |
| 5 Bifenthrin | 13 Fenvalerate |
| 6 Fenproprathrin | 14 Esfenvalerate |
| 7 Tetramethrin | 15 Tralomethrin |
| 8 Sumithrin | 16 Deltamethrin |



Column: VertiBond™ 35ms, 30m x 0.25mm, 0.25µm
 Part No.: 0406-2053
 Temp: 50°C (hold 1 min),
 50°C-200°C at 30°C/min,
 200°C-300°C at 4°C/min
 Injector: Splitless
 Detector: MSD
 Carrier Gas: Helium

Triazine Herbicides



1. Propazine
2. Atrazine
3. Simazine

Column: VertiBond™ 35ms, 30m x 0.25mm, 0.25µm
 Part No.: 0406-2053
 Temp: 60°C (hold 1 min),
 60°C-340°C at 15°C/min
 Injector: Hot On-column, 250°C 1 µL of a 10ng/mL
 Detector: MSD
 Carrier Gas: Helium at 33cm/sec