

VertiBond™ 17 Capillary Columns

- 50% Phenyl, 50% Dimethylpolysiloxane
- Intermediate polar stationary phase
- High temperature range
- High efficiency, high inertness columns

VertiBond™ 17 column contains 50% Phenyl, 50% Dimethyl polysiloxane stationary phases. This intermediate polarity phase are used for the analysis of polar compounds like chlorinated pesticides, herbicides, and basic drugs.

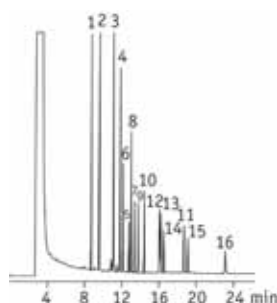


VertiBond™ 17 Capillary Columns				
Length (m)	I.D. (mm)	Film (µm)	Temp. Limits (°C)	Part No.
15	0.25	0.25	325/340	0408-2051
	0.32	0.25	325/340	0408-3051
	0.53	1.00	325/340	0408-5111
30	0.25	0.25	325/340	0408-2053
	0.32	0.25	325/340	0408-3053
	0.53	0.50	325/340	0408-5093
		1.00	325/340	0408-5113

VertiBond™ 17 Specifications	
Phase:	50% Phenyl, 50% Dimethylpolysiloxane
Polarity:	Intermediate Polar
USP Designation:	G3
Ideal for:	Pesticides, Herbicides, Phthalate Esters, Free Phenols, and Basic Drugs

VertiBond™ 17 equivalent phase	
Restek	Rtx-50
Agilent	HP-17, DB-17
Supelco	SPB-50
Alltech	AT-50
SGE	BPX-50
Varian	CP-SIL24CB
Ohio Valley	OV-17
Phenomenex	ZB-50

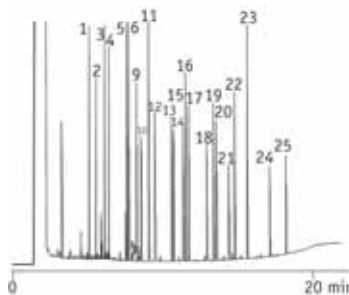
Phthalate Esters



- 1 Dimethyl phthalate
- 2 Diethyl phthalate
- 3 Diisobutyl phthalate
- 4 Di-n-butyl phthalate
- 5 Bis(methoxyethyl) phthalate
- 6 Bis(4-methyl,2-pentyl)
- 7 Bis(ethoxyethyl) phthalate
- 8 Di-amyl phthalate
- 9 Hexyl-2-ethylhexyl phthalate
- 10 Di-n-hexyl phthalate
- 11 Butyl benzyl phthalate
- 12 Bis(2-n-butoxyethyl)
- 13 Dicyclohexyl phthalate
- 14 Bis(2-ethylhexyl) phthalate
- 15 Di-n-octyl phthalate
- 16 Di-nonyl phthalate

Column: VertiBond™ 17, 30m x 0.53mm, 0.5µm
 Part No.: 0408-5093
 Temp: 100°C to 275°C at 15°C/min
 Injector: Direct injection
 Detector: FID
 Carrier Gas: Helium

Organophosphorous pesticides



- 1 4-Chloro-3-nitrobenzo-trifluoride
 - 2 Dichlorvos
 - 3 1-Bromo-2-nitrobenzene
 - 4 α-Mervinphos
 - 5 Tributylphosphate(IS)
 - 6 Ethoprop
 - 7 Sulfotepp
 - 8 Naled
 - 9 Phorate
 - 10 Demeton
 - 11 Diazinon
 - 12 Disulfoton
 - 13 Methyl Parathion
 - 14 Ronnel
 - 15 Chlorpyrifos
 - 16 Fenthion
 - 17 Trichlorinate
 - 18 Tetrachlorvinphos
 - 19 Tokuthion
 - 20 Impurity
 - 21 Fensulfotion
 - 22 Impurity
 - 23 Triphenylphosphate(IS)
 - 24 Guthion
 - 25 Coumaphos
- Column: VertiBond™ 17, 30m x 0.25mm, 0.25µm
 Part No.: 0408-2053
 Temp: 50°C (hold 1 min), 50°C-200°C at 30°C/min, 50°C-200°C (hold 3 min), 200°C-310°C at 10°C/min, 310°C (hold 2 min)
 Injector: Splitless
 Detector: FID at 320°C
 Carrier Gas: Helium