

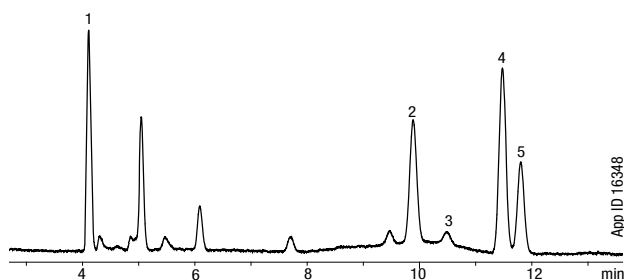
ZB-624

- Widely used phase to separate volatile organic flavor and fragrance additives and residual solvents in industrial or pharmaceutical products (OVIs)
- Popular choice for residual solvent testing
- Excellent for US EPA Methods 501.3, 502.2, 503.1, 524.2, 601, 602, 624, 8010, 8015, 8020, 8021, 8240, 8260
- Specifically designed for the separation of volatile organic compounds (VOCs)
- Increased temperature limit speeds run times and re-equilibration
- Equivalent to USP Phase G43
- Temperature Limits: -20 to 260 °C

Alternative to Any 6%-Cyanopropylphenyl-94%-Dimethylpolysiloxane Phase:

- | | | | |
|------------|-----------|------------|--------------------|
| • DB-624 | • CP-1301 | • HP-VOC | • CP-Select 624 CB |
| • AT-624 | • Rtx-624 | • 007-624 | • SPB-624 |
| • DB-VRX | • BP624 | • DB-1301 | • Rtx-VMS |
| • Rtx-1301 | • 007-502 | • SPB-1301 | |

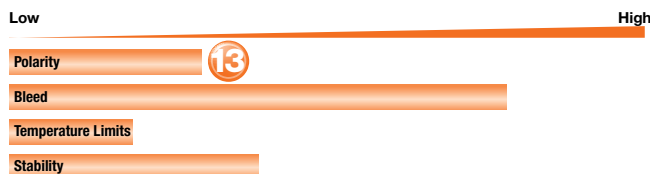
USP <467>: Residual Solvents Procedure A - Class 1



Column: Zebron ZB-624
Dimensions: 30 meter x 0.32 mm x 1.80 µm
Part No.: 7HM-G005-31
Injection: Split 5:1 @ 140 °C, 1 mL
Carrier Gas: Helium @ 35 cm/sec (constant flow)
Oven Program: 40 °C for 20 min to 240 °C @ 10 °C/min for 20 min
Detector: FID @ 250 °C
Sample:

- 1,1-Dichloroethene
- 1,1,1-Trichloroethane
- Carbon tetrachloride
- Benzene
- 1,2-Dichloroethane

Column Profile



Applications

- Volatile Organic Compounds (VOCs)
- Residual Solvents
- EPA Methods 501.3, 502.2, 503.1, 524.2, 601, 602, 624, 8010, 8015, 8020, 8021, 8240, 8260
- Pharmaceuticals

Ordering Information

Zebron ZB-624 GC Columns				
ID(mm)	df(µm)	Temp. Limits °C	Part No.	Price
20-Meter				
0.18	1.00	-20 to 260	7FD-G005-22	
30-Meter				
0.25	1.40	-20 to 260	7HG-G005-27	
0.32	1.80	-20 to 260	7HM-G005-31	
0.53	3.00	-20 to 260	7HK-G005-36	
60-Meter				
0.25	1.40	-20 to 260	7KG-G005-27	
0.32	1.80	-20 to 260	7KM-G005-31	
0.53	3.00	-20 to 260	7KK-G005-36	
75-Meter				
0.53	3.00	-20 to 260	7LK-G005-36	
105-Meter				
0.53	3.00	-20 to 260	7NK-G005-36	

Note: If you need a 5 in. cage, simply add a (-B) after the part number, e.g., 7HG-G005-27-B. Some exceptions may apply. Agilent 6850 and some SRI and process GC systems use only 5 in. cages. See p. 91.



ZB-624 Test Mix Part No.: AGO-5159
Price:



Contact Phenomenex or your local Phenomenex distributor for additional GC products and applications.



Extend column lifetime. Add a Z-guard to your next Zebron GC order.



For more applications on residual solvents, see pp. 150-151