

Zebron® GC Columns



If Zebron columns do not provide you with equivalent or better separations as compared to any other GC column of the same phase and comparable dimensions, return the column with comparative data within 45 days for a FULL REFUND.

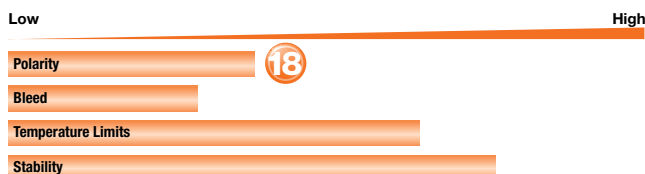
ZB-35

- Intermediate polarity column with temperature limits up to 360 °C allows high molecular weight analysis
- Excellent inertness to minimize analyte adsorption, improve efficiency, and reproducibility
- More rugged (longer column life) than other polar phases
- Excellent for trace analysis with bleed-sensitive detectors (MS, FID, ECD, NPD)
- Equivalent to USP Phase G42
- Temperature Limits: 40 to 340/360 °C (Isothermal/TPGC)

Alternative to Any 35 %-Phenyl-65 %-Dimethylpolysiloxane Phase:

- DB-35ms
- SPB-35
- AT-35
- OV-11
- SPB-608
- Rtx-35MS
- HP-35ms
- HP-35
- MDN-35
- 007-11
- Sup-Herb
- BPX608
- DB-35
- EC-35
- Rtx-35
- BPX35

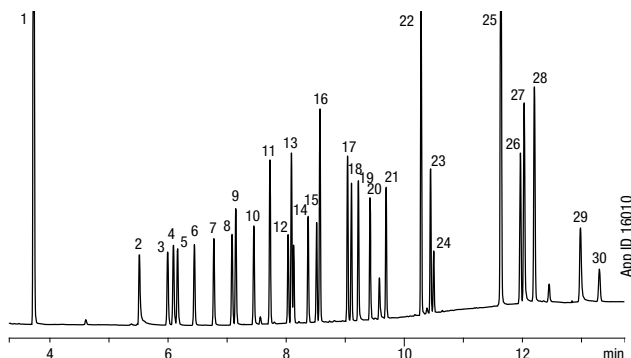
Column Profile



Applications

- Aroclors
- Semi-volatiles
- Amines
- EPA Methods 508, 608, 8081, 8141, 8151
- Pesticides
- Drugs of Abuse
- Pharmaceuticals
- Steroids

Common Drug Screen



Column: Zebron ZB-35

Dimensions: 30 meter x 0.25 mm x 0.25 µm

Part No.: 7HG-G003-11

Injection: Split 10:1 @ 225 °C, 1.5 µL

Carrier Gas: Helium @ 1.4 mL/min (constant flow)

Oven Program: 120 °C for to 180 °C @ 25 °C/min to 200 °C/min @

6 °C/min to 300 °C/min @ 20 °C/min for 3 min

Detector: FID @ 300 °C

Sample: All analytes are 25 ppm except nicotine at 100 ppm

- | | | |
|------------------|----------------------|----------------------|
| 1. Nicotine | 11. Benzphetamine | 21. Bromopheniramine |
| 2. Ibuprofen | 12. Meprobamate | 22. Chlorcyclizine |
| 3. Allobarbitol | 13. Dimenhydrinate | 23. Cocaine |
| 4. Acetaminophen | 14. Hexobarbital | 24. Benactyzine |
| 5. Aprobital | 15. Doxylamine | 25. Codeine |
| 6. Butalbital | 16. Caffeine | 26. Diazepam |
| 7. Amobarbital | 17. Chlorpheniramine | 27. Morphine |
| 8. Pentobarbital | 18. Methapyrilene | 28. Hydrocodone |
| 9. Phenacetin | 19. Phenobarbital | 29. Oxymorphone |
| 10. Secobarbital | 20. Procaine | 30. Heroin |

Ordering Information

Zebron ZB-35 GC Columns

ID(mm)	df(µm)	Temp. Limits °C	Part No.	Price
10-Meter				
0.10	0.10	40 to 340/360	7CB-G003-02	
15-Meter				
0.25	0.25	40 to 340/360	7EG-G003-11	
0.25	0.50	40 to 340/360	7EG-G003-17	
0.53	1.00	40 to 340/360	7EK-G003-22	
30-Meter				
0.25	0.25	40 to 340/360	7HG-G003-11	
0.25	0.50	40 to 340/360	7HG-G003-17	
0.32	0.25	40 to 340/360	7HM-G003-11	
0.32	0.50	40 to 340/360	7HM-G003-17	
0.53	0.50	40 to 340/360	7HK-G003-17	
0.53	1.00	40 to 340/360	7HK-G003-22	
60-Meter				
0.25	0.25	40 to 340/360	7KG-G003-11	
0.32	0.25	40 to 340/360	7KM-G003-11	

Note: If you need a 5 in. cage, simply add a (-B) after the part number, e.g., 7HG-G003-11-B. Some exceptions may apply. Agilent 6850 and some SRI and process GC systems use only 5 in. cages. See p. 91.



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.