

Zebbron® GC Columns



guarantee

If Zebbron 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-FFAP

- High polarity column excellent thermal and chemical stability
- Provides better peak shape for underivatized acids
- Especially suited for organic acids, free fatty acids, and alcohols
- Bonded, solvent rinsable FFAP Phase
- Replaces OV-351
- Close equivalent to USP Phase G35
- Temperature Limits: 40 to 250/260 °C (Isothermal/TPGC)

Alternative to Any Nitroterephthalic Acid Modified Polyethylene Glycol:

- DB-FFAP
- BP21
- CP-WAX 58 CB
- Stabilwax-DA
- AT-1000
- SPB-1000
- EC-1000
- HP-FFAP
- Nukol
- 007-FFAP
- PE-FFAP
- CP-FFAP-CB

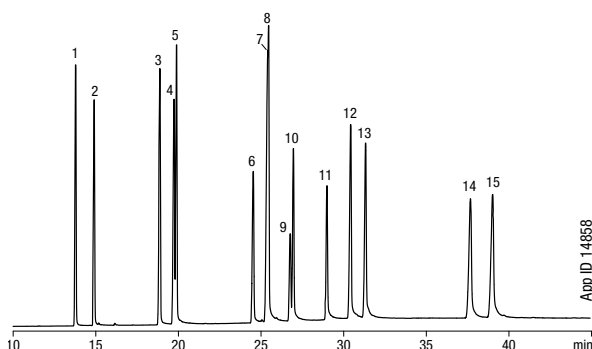
Column Profile



Applications

- Acrylates
- Alcohols
- Aldehydes
- Free Fatty Acids
- Ketones
- Volatile Free Acids
- Organic Acids
- Phenols

Unsaturated Free Fatty Acids



Column: Zebbron ZB-FFAP

Dimensions: 60 meter x 0.25 mm x 0.25 µm

Part No.: 7KG-G009-11

Injection: Split 40:1 @ 220 °C, 0.2 µL

Carrier Gas: Helium @ 2.4 mL/min (constant flow)

Oven Program: 200 °C to 260 °C @ 2 °C/min for 30 min

Detector: FID @ 250 °C

Sample:

1. Myristic Acid (C14:0)
2. Myristoleic Acid (C14:1c)
3. Palmitic Acid (C16:0)
4. Palmitoleic Acid (C16:1t)
5. Palmitoleic Acid (C16:1c)
6. Stearic Acid (C18:0)
7. Elaidic Acid (C18:1t)
8. Oleic Acid (C18:1c)
9. Linoleic Acid (C18:2t)
10. Linoleic Acid (C18:2c)
11. Linolenic Acid (C18:3c)
12. Arachidic Acid (C20:0)
13. Gondoic Acid (C20:1c)
14. Behenic Acid (C22:0)
15. Erucic Acid (C22:1c)

Ordering Information

Zebbron ZB-FFAP GC Columns

ID(mm)	df(µm)	Temp. Limits °C	Part No.	Price
15-Meter				
0.25	0.25	40 to 250/260	7EG-G009-11	
0.32	0.25	40 to 250/260	7EM-G009-11	
0.32	0.50	40 to 250/260	7EM-G009-17	
0.53	1.00	40 to 250/260	7EK-G009-22	
30-Meter				
0.25	0.25	40 to 250/260	7HG-G009-11	
0.32	0.25	40 to 250/260	7HM-G009-11	
0.32	0.50	40 to 250/260	7HM-G009-17	
0.32	1.00	40 to 250/260	7HM-G009-22	
0.53	1.00	40 to 250/260	7HK-G009-22	
50-Meter				
0.32	0.50	40 to 250/260	7JM-G009-17	
60-Meter				
0.25	0.25	40 to 250/260	7KG-G009-11	

Note: If you need a 5 in. cage, simply add a (-B) after the part number, e.g., 7HG-G009-11-B. Some exceptions may apply. Agilent 6850 and some SRI and process GC systems use only 5 in. cages. See p. 91.



ZB-FFAP Test Mix Part No.: AGO-5158
Price:



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



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