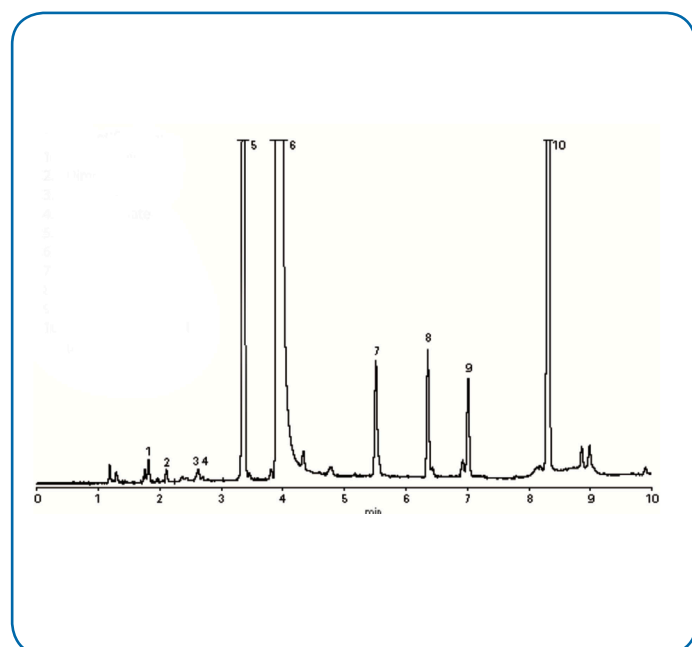


## Application Note

Food Testing & Agriculture

### Analysis of Beer using SCION-WAXMS GC column

Conditions	
Technique	GC-FID
Column	SCION-WAXMS 30 m x 0.32 mm, df =1.0 µm (part number SC32435)
Temperature	55 °C (2 min) to 220 °C with 10°C/min
Carrier Gas	Helium, 0.7 bar
Injector	250 °C, split 30 mL/min
Detector	275 °C, FID
Sample Size	1 mL
Sample	Beer, headspace 60 °C



#### Peak Identification

1	Acetaldehyde
2	Dimethyl sulfide
3	Acetone
4	Ethyl formate
5	Ethyl acetate
6	Ethanol
7	Unknown
8	Isobutanol
9	Isoamyl acetate
10	3-methyl-1-butanol (isoamyl alcohol)