

Analysis of Nitrosamines



Application Note

AN0051

SCION GC-FID

GC-FID conditions

Injector	1:100
Sample	1µL
Column	SCION-1701 30m x 0.25mm x 0.25µm
Oven	45°C (3 min) to 280°C at 10°C/min
Carrier Gas	Helium, 1mL/min

Peak Identification

1	N-nitroso dimethylamine
2	N-nitroso methylethylamine
3	N-nitroso diethylamine
4	N-nitroso pyrrolidine
5	N-nitroso di-n-propylamine
6	N-nitroso morpholine
7	N-nitroso piperidine
8	N-nitroso-n-butylamine
9	N-nitroso diphenylamine

