

Amines

Column: DB-5.625

30 m x 0.25 mm I.D., 0.5 µm

J&W P/N: 122-5632

Carrier: Helium at 35 cm/sec, measured at 35°C

Oven: 35°C for 1 min

35-250°C at 25°/min

250-300°C at 10°/min

Injector: Splitless, 250°C

45 sec purge activation time

1 µL of 0.1 µg/µL each in methanol

Detector: FID, 300°C

Nitrogen makeup gas at 30 mL/min

1. N-Nitrosodimethylamine
2. N-Nitrosodi-n-propylamine
3. N-Nitrosodiphenylamine
4. Benzidine
5. 3,3'-Dichlorobenzidine

