

## Anilines

**Column:** DB-35ms  
25 m x 0.20 mm I.D., 0.33  $\mu$ m  
1 m x 0.32 mm I.D., retention gap

**J&W P/N:** 128-3822

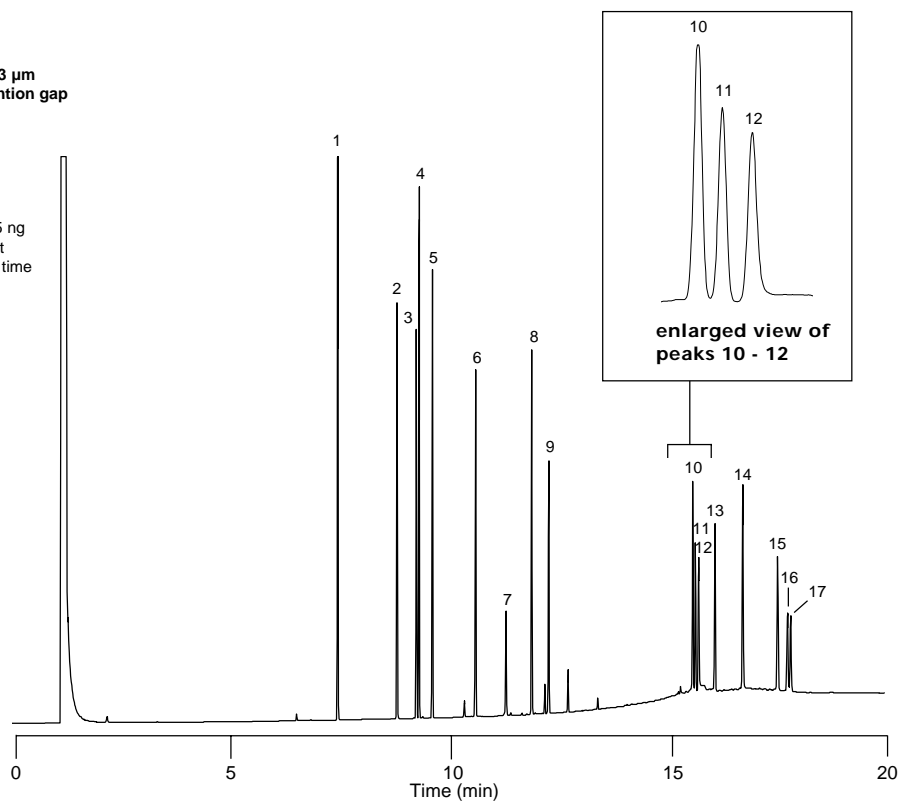
**Carrier:** Helium at 35 cm/sec,  
measured at 50°C

**Oven:** 50°C for 2 min  
50-340°C at 20°/min  
340°C for 10 min

**Injector:** Splitless, 280°C, 1  $\mu$ L of 5 ng  
on-column per component  
0.50 min purge activation time

**Detector:** FID, 320°C  
Nitrogen makeup gas at  
30 mL/min

1. o-Toluidine
2. 4-Chloroaniline
3. 2-Methoxy-5-methylaniline
4. 2,4,5-Trimethylaniline
5. 4-Chloro-2-methylaniline
6. 2,4-Diaminotoluene
7. 2,4-Diaminoanisole
8. 2-Aminonaphthalene
9. 2-Methyl-5-nitroaniline
10. 4,4'-Oxydianiline
11. 4,4'-Methylenedianiline
12. Benzidine
13. 2-Aminoazotoluene
14. o-Tolidine
15. 4,4'-Thiodianiline
16. 3,3'-Dimethoxybenzidine
17. 3,3'-Dichlorobenzidine



C407