

300 Series Gas Chromatograph

Application Note

ASTM D2887-01 Calibration Mix (C6-C44)

Application number: 001



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|----|----------------------------|----|-------------------------|
| 1 | Carbon disulfide (Solvent) | 11 | Hexadecane (C16) |
| 2 | Hexane (C6) | 12 | Heptadecane (C17) |
| 3 | Heptane (C7) | 13 | Octadecane (C18) |
| 4 | Octane (C8) | 14 | Eicosane (C20) |
| 5 | Nonane (C9) | 15 | Tetracosane (C24) |
| 6 | Decane (C10) | 16 | Octacosane (C28) |
| 7 | Undecane (C11) | 17 | Dotriacontane (C32) |
| 8 | Dodecane (C12) | 18 | Hexatriacontane (C36) |
| 9 | Tetradecane (C14) | 19 | Tetracontane (C40) |
| 10 | Pentadecane (C15) | 20 | Tetratetracontane (C44) |

Column: 4m, 0.25mm, 0.25µm MTX-5

Carrier Gas: Hydrogen at constant flow of 2.4ml/sec

Injector: Split/splitless @ 320°C

Split Flow: 50ml/min

Temperature Programme: 35°C hold for 0.2 minutes, 120°C/min to 150°C, 180°C/min to 330°C, Hold 0.2 minutes

Detector: FID @ 340°C

