

CoreFocus
Report
No. 422

GC

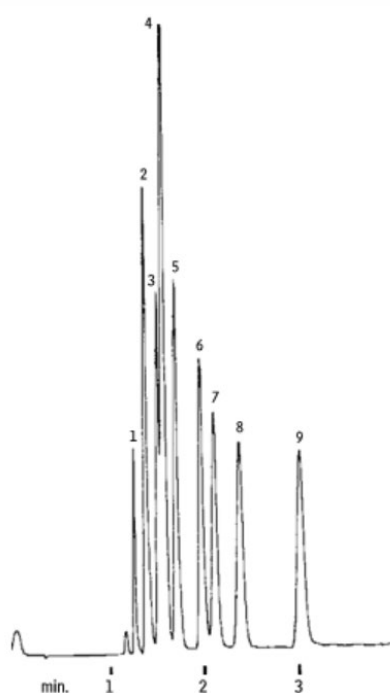
FID

SH Series

SH-PolarX

Analysis of Amines (low MW)

Keywords: chemistry, alkylamines, base-deactivated column



1. Trimethylamine
2. Dimethylamine
3. Ethylamine
4. Methylamine
5. Isopropylamine
6. n-Propylamine
7. tert-Butylamine
8. Diethylamine
9. sec-Butylamine

Instrument	: GC
Column	: SH-PolarX (30 m x 0.53 mmI.D. df = 1.00 μm), P/N: 227-36300-01
Column Temp.	: 45 °C
Inj. Vol.	: 1 μL direct injection
Inj. Temp	: 250 °C
Detector	: FID, 250 °C
Carrier Gas	: H ₂ , flow rate 5 mL/min. linear velocity 40 cm/s

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