



Teknokroma Capillary Columns



MetAmine-VOL

- For separation of volatile amines (optimized separation)
- Fully compatible with water samples
- High temperature stability
- Good peak shape for volatile alcohols

This column is one of the best options for separation of volatile amines and alcohols. High retention, selectivity and inertness to amines (optimal peak shape).

Base line separation for Mono-Methylamine (MMA), di-Methylamine (DMA) and tri-Methylamine (TMA)

MetAmine-VOL Equivalent Phase

Agilent: CP-Volamine
Restek: Rtx-Volatile Amine

MetAmine-VOL

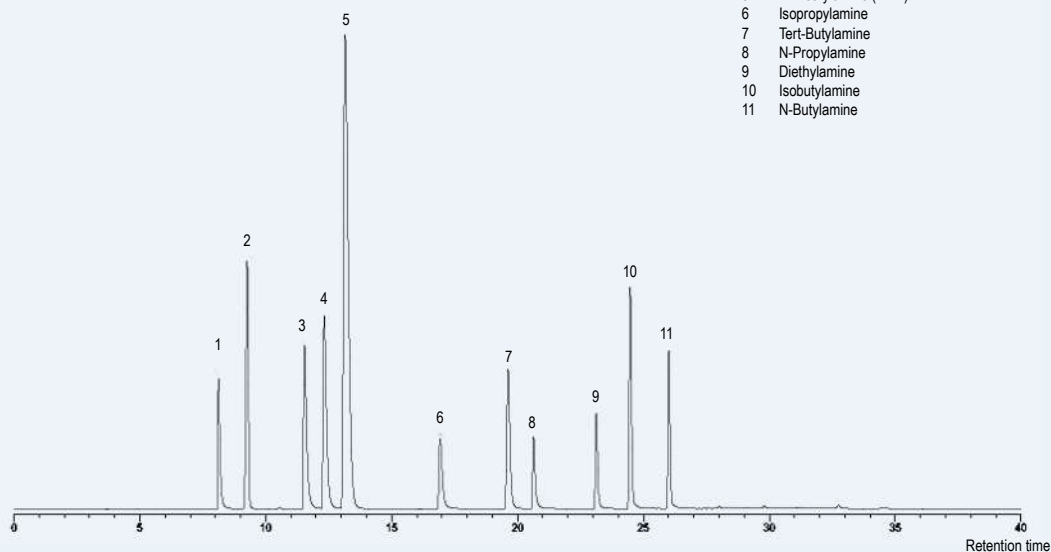
InternalDiam.	Length (m)	Film Thickness (µm)	Temp limits (°C)	Part. N° (P/N)
0,32	15	Optimized	260 to 280	TR-635013
	30	Optimized	260 to 280	TR-635033
	60	Optimized	260 to 280	TR-635063

Volatile Amines in water

Column: **MetAmine-VOL**, 60 m x 0.32 mm, P/N TR-635063
Injection: 100 µL Head Space 2t, (75°) split 1:15, 180°C
Sample: mix of amines in water
Carrier gas: He, 14 psi (96.5 kPa)
Oven: 40 °C (10 min) to 200 °C @ 10 °C/min
Detector: FID, 225°C

Peak Name

- 1 Methylamine (MMA)
- 2 Methanol
- 3 Dimethylamine (DMA)
- 4 Ethylamine
- 5 Trimethylamine (TMA)
- 6 Isopropylamine
- 7 Tert-Butylamine
- 8 N-Propylamine
- 9 Diethylamine
- 10 Isobutylamine
- 11 N-Butylamine



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