

CoreFocus
Report
No. 457

GC

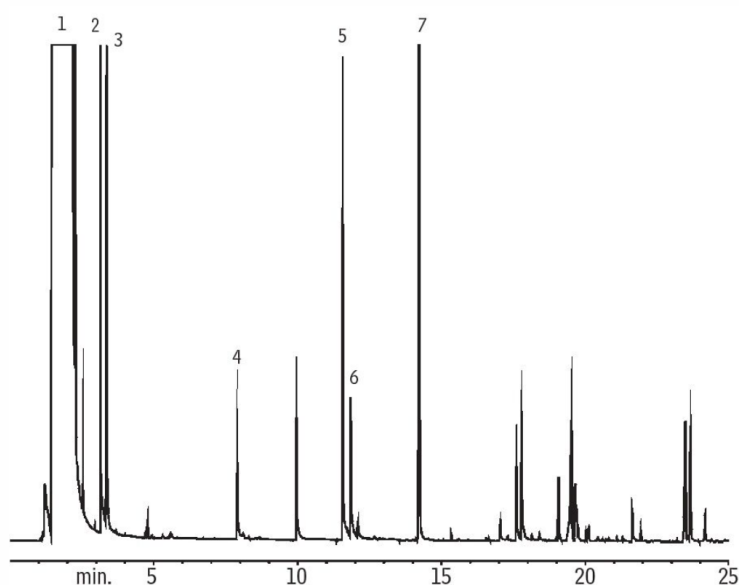
FID

SH Series

SH-5 Amine

Analysis of Ethylenediamines

Keywords: underivatized amines, basic compounds



1. Isopropanol
2. Monoethanolamine
3. Ethylenediamine
4. Piperazine
5. Diethylenetriamine
6. Aminoethylethanolamine
7. Aminoethylpiperazine

Instrument	: GC
Column	: SH-5 Amine (30 m x 0.25 mm I.D. df = 0.50 µm), P/N: 227-36283-01
Column temp.	: 40 °C (4 min) - 10 °C/min – 315 °C (5 min)
Inj. vol.	: 3 µL
Split ratio	: 1:20
Inj. temp.	: 315 °C
Detector	: FID, 6.4 x 10 ⁻¹¹ AFS
Dead time	: 1.9 min
Head pressure	: 8.7 psi [60 kPa] (constant)
Carrier gas	: H ₂ , 43 cm/s linear velocity at 120 °C

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Related Products

Some products may be updated to newer models.

HPLC Column Solutions - Reversed phase and Normal phase -
Shim-pack

➤ SH-5 Amine / SH-35
Amine

Related Solutions

➤ Plastics

➤ プラスチック-化学

➤ Price Inquiry

➤ Product Inquiry

➤ Technical Service /
Support Inquiry

➤ Other Inquiry