



Impurities in vinyl chloride

Application Note

Materials Testing & Research

Authors

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Introduction

Gas chromatography with an Agilent CP-Sil 5 CB column and Agilent 490 Micro GC separates ethylene chloride and water impurities in vinyl chloride in 90 seconds.

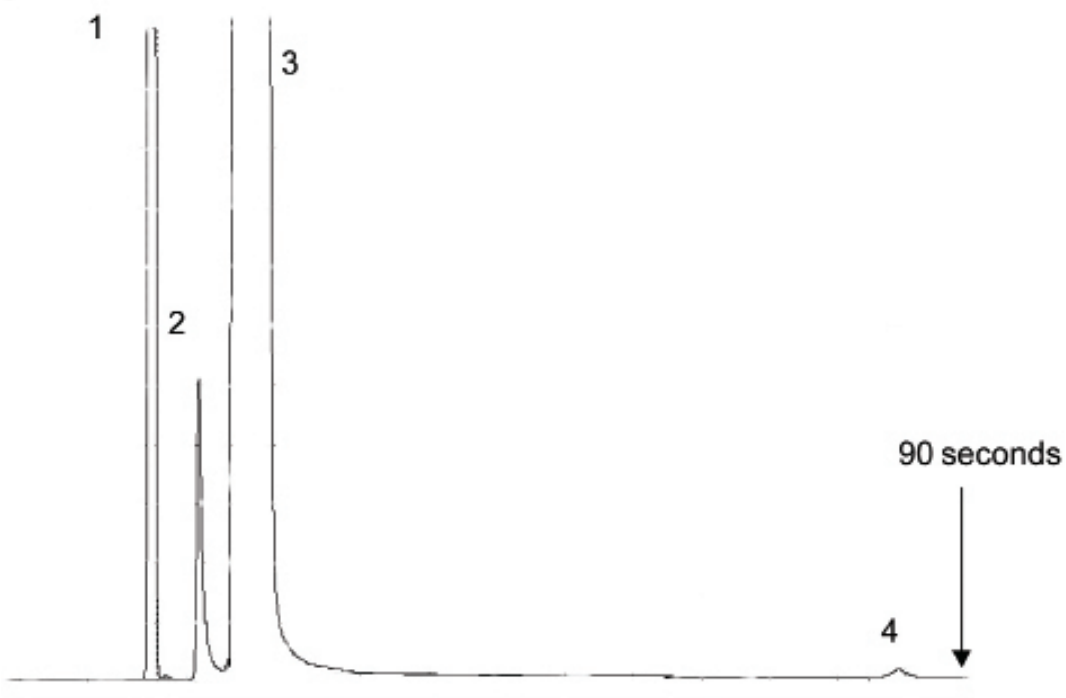
Conditions

Technique : Micro-GC
GC-Column : Agilent CP-Sil 5 CB, 8 m x 0.15 mm
Temperature : 80 °C
Carrier Gas : Helium, 150 kPa
Injector : 50 ms, 110 °C
BackFlush : -
Detector : chip TCD

Courtesy : Jim Luong, DOW Chemical Canada

Peak identification

1. air
2. water
3. vinylchloride
4. ethylene dichloride



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This information is subject to change without notice.

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