



Pyrolysis products of yellow marker pens

Application Note

Materials Testing & Research

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Introduction

Use GC with an Agilent VF-5ms to analyze the pyrolysis products of a marker pen.



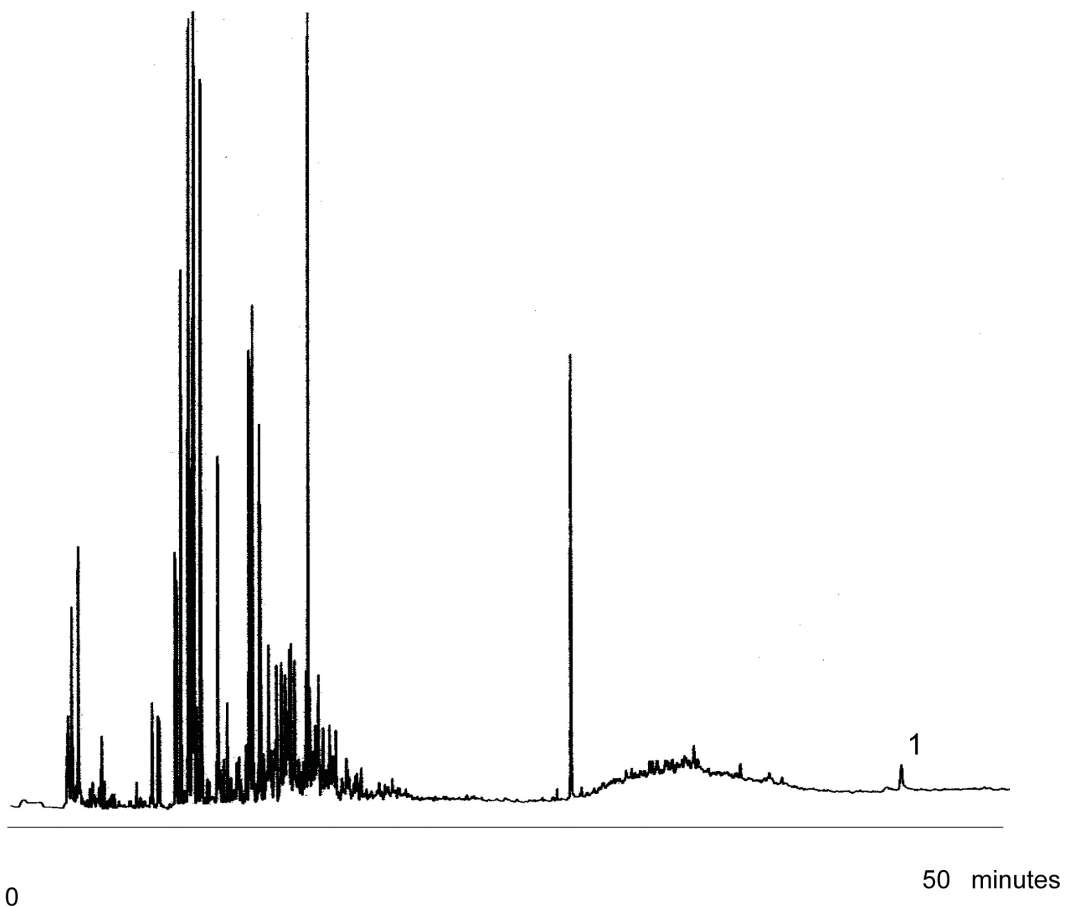
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Conditions

Technique : GC
Column : Agilent VF-5ms, 0.25 mm x 60 m fused silica
(df = 1.0 μ m) (Part No. CP8949)
Temperature : 60 °C, 1 min \rightarrow 320 °C, 8 °C/min, 75 min
Carrier Gas : He, 173 kPa
Pyrolysis : at 550 °C
Injector : Split injection, 1:100
Detector : MS

Peak identification

1. Biphenyl diamine



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This information is subject to change without notice.

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