



Impurities in chloroform

Analysis of low levels of bromochloromethane in chloroform

Application Note

Materials Testing & Research

Authors

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Introduction

Analysis of low levels of bromochloromethane in chloroform is done by GC/MS with Agilent PorabOND Q columns in 12 minutes.



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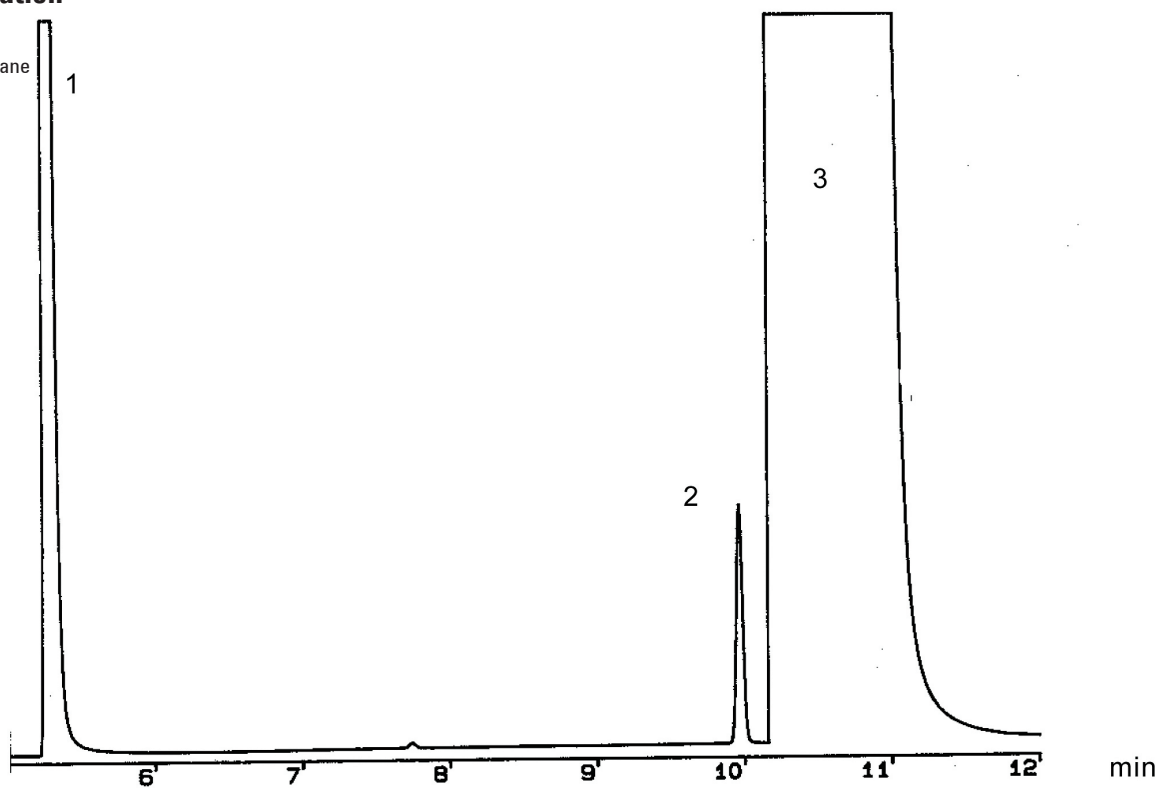
Conditions

Technique : GC
Column : Agilent PoraBOND Q, 0.53 mm x 25 m fused silica
(df = 10 μ m) (Part no. CP7354)
Temperature : 70 °C (1 min) \rightarrow 250 °C, 10 °C/min, (10 min)
Carrier Gas : Helium, 3 psi
Injector : Split
Detector : MS
Sample Size : 0.2 μ L
Concentration Range : 100 ppm
Matrix/Solvent : Chloroform

Courtesy : Jim Luong, Dow Chemical Canada

Peak identification

1. ethanol
2. chlorobromomethane
3. chloroform



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This information is subject to change without notice.

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Printed in the USA

31 October, 2011

First published prior to 11 May, 2010

A01919



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