

SHINWA EXPRESS

Application

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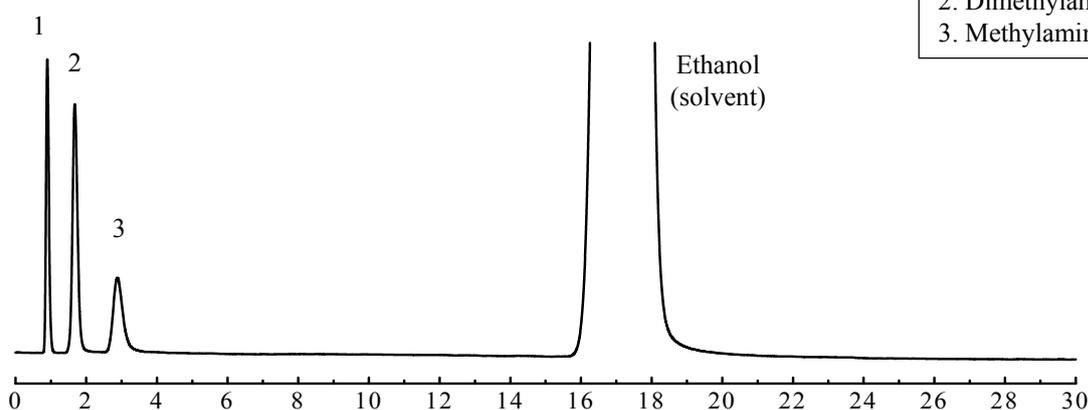
Measurements of offensive odor substances using Shinwasorb

~Part 2~

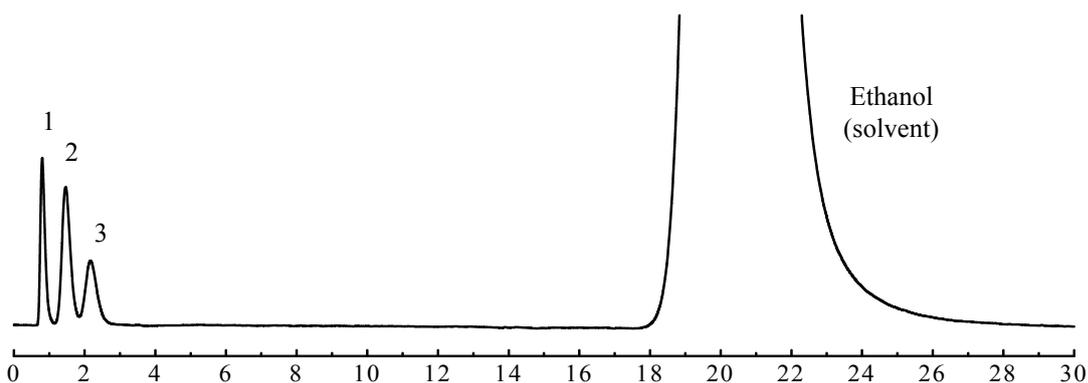
Because offensive odor substances in air can provoke discomfort and disgust even at very low concentrations, emissions of these substances are regulated in many countries. Shown below is an example of an analysis of offensive odor substances using a column packed with a Shinwasorb packing material, and performed in accordance with a method stipulated by Japan's Ministry of the Environment.

Analysis of methylamines

7.5+7.5+1% Diglycerol+TEP+KOH Shinwasorb-S 60/80*



15+15+2% Diglycerol+TEP+KOH Chromosorb W 80/100 AW-DMCS*



* TEP = Tetraethylene pentamine

Column: 3.1 m x 3.2 mm I.D. Glass
Sample: Each 100 ppm in ethanol
Carrier gas: 50 mL/min N₂
Injection port temp.: 220°C

Sample volume: 1.0 µL
Column temp.: 70°C
Detector: FID 220°C



SHINWA CHEMICAL INDUSTRIES LTD.

50-2 Kagekatsu-cho, Fushimi-ku
Kyoto 612-8307 Japan
TEL: +81-75-621-2360 FAX: +81-75-602-2660
E-mail: info@shinwa-cpc.co.jp
Website: <http://shinwa-cpc.co.jp/en/>

■ Packing material specifications and price ■

| Product name | Weight | Price |
|---|--------|------------|
| 7.5+7.5+1% Diglycerol+TEP+KOH Shinwasorb-S 60/80* | 25 g | 18,100 JPY |

■ Packed column specifications and price ■

| Product name | Column material | Dimensions | Price |
|---|-----------------|---------------------|------------|
| 7.5+7.5+1% Diglycerol+TEP+KOH Shinwasorb-S 60/80 with data* | Glass | 3.1 m x 3.2 mm I.D. | 63,500 JPY |

* TEP = Tetraethylene pentamine

Prices for glass columns for Shimadzu systems other than the GC-2014, and systems manufactured by other manufacturers will differ from that shown above. Please contact us for pricing.
Feel free to contact us if you have particular analytical conditions you would like to use or if you have any questions related to analyses.



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Please be aware that specifications and prices are subject to change without prior notification.