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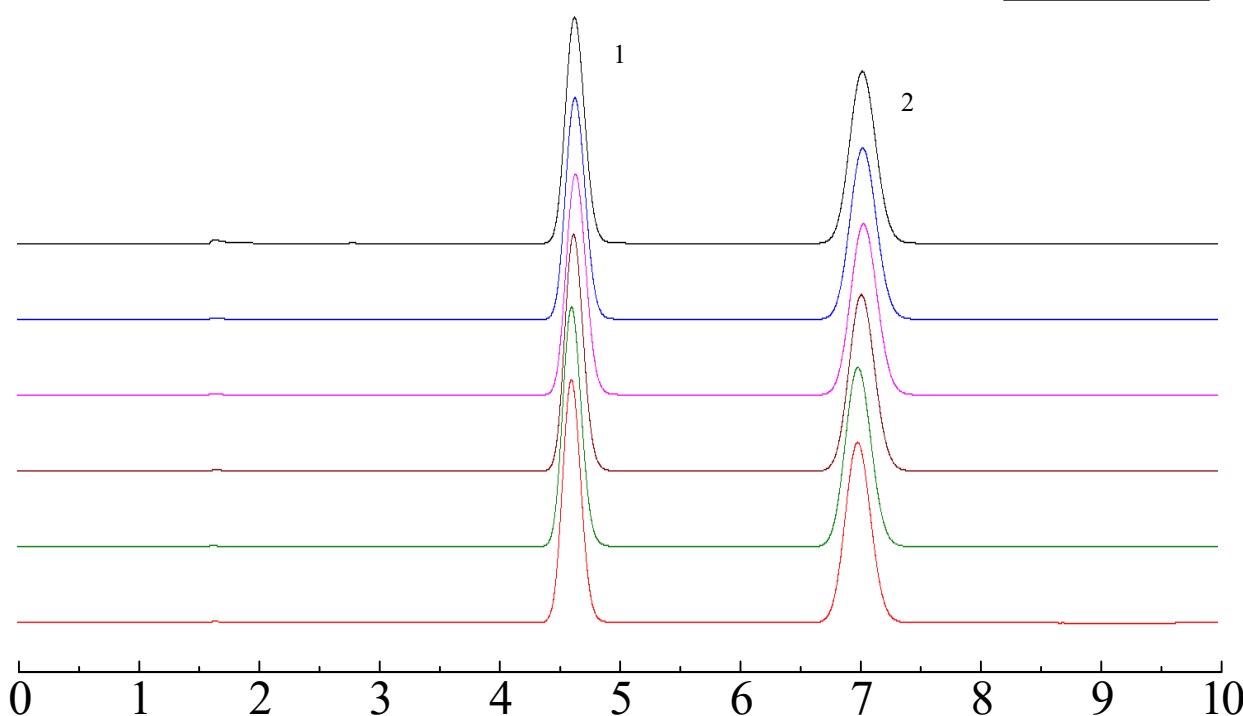
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Analysis of sodium aurothiomalate using Sunpak-H

~Purity test (4) Ethanol~

Sodium aurothiomalate is used for an antirheumatic drug. Shown below is an analysis of sodium aurothiomalate performed using a column packed with a Sunpak-H packing material and in accordance with the Japanese Pharmacopoeia.

Sunpak-H 80/100

1. Ethanol
2. 2-propanol

System suitability

System performance: The resolution is 6.7.

(ethanol and 2-propanol are eluted in this order with the resolution between these peaks being not less than 4.0.)

System repeatability: The relative standard deviation is 0.1%.

(When the test is repeated 6 times, the relative standard deviation of the ration of the peak area of ethanol to that of 2-propanol is not more than 2.0%.)

Column: 3.1m x 3.2 mm I.D. Glass

Injection port temp.: 230°C

Sample: 2-propanol, ethanol in water

Carrier gas: 28 mL/min N₂ (Adjust so that the retention time of 2-propanol is about 7 minutes.)

Column temp.: 145°C

Detector: 230°C (FID)

Sample volume: 2.0 µL

**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.jpWebsite: <http://shinwa-cpc.co.jp/en/>

■ Packing material specifications and price ■

Product name	Weight	Price
Sunpak-H 80/100	20 g (75 mL)	87,000 JPY

*Please note that Sunpak-H is only available as packed columns.

■ Packed column specifications and price ■

Product name	Column material	Dimensions	Price
Sunpak-H 80/100	Glass (For GC-2014 systems)	3.1 m x 3.2 mm I.D.	103,400 JPY

Prices for glass columns for Shimadzu systems other than the GC-2014, and systems manufactured by other manufacturers will differ from that shown above. The prices shown above are applicable as of July 20th, 2018. Please contact us for pricing.

Please feel free to contact us with questions related to analyses.

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