

## Measurement of methylmercury in tuna using Shinwasorb

Most organic mercury in the environment is found in the form of methyl and ethylmercury. Of these two, methylmercury, which accumulates in the environment and is not easily degraded, is the most dangerous compound. The presence or absence of these compounds is determined by chlorination of these compounds and subsequent detection using ECD detectors. Shown below is an example of an analysis of methylmercury in tuna using a column packed with a Shinwasorb packing material.



Injection port temp .: 200°C

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## ■ Packing material specifications and price ■

| Product name                     | Weight | Price      |
|----------------------------------|--------|------------|
| Thermon-HG 5% Shinwasorb-U 60/80 | 25 g   | 30,300 JPY |

## ■ Packed column specifications and price ■

| Product name                     | Column<br>material                | Dimensions          | Price      |
|----------------------------------|-----------------------------------|---------------------|------------|
| Thermon-HG 5% Shinwasorb-U 60/80 | Glass<br>(For GC-2014<br>systems) | 0.5 m x 3.0 mm I.D. | 45,200 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 accurate as of December 24<sup>th</sup>, 2014. 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.

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