

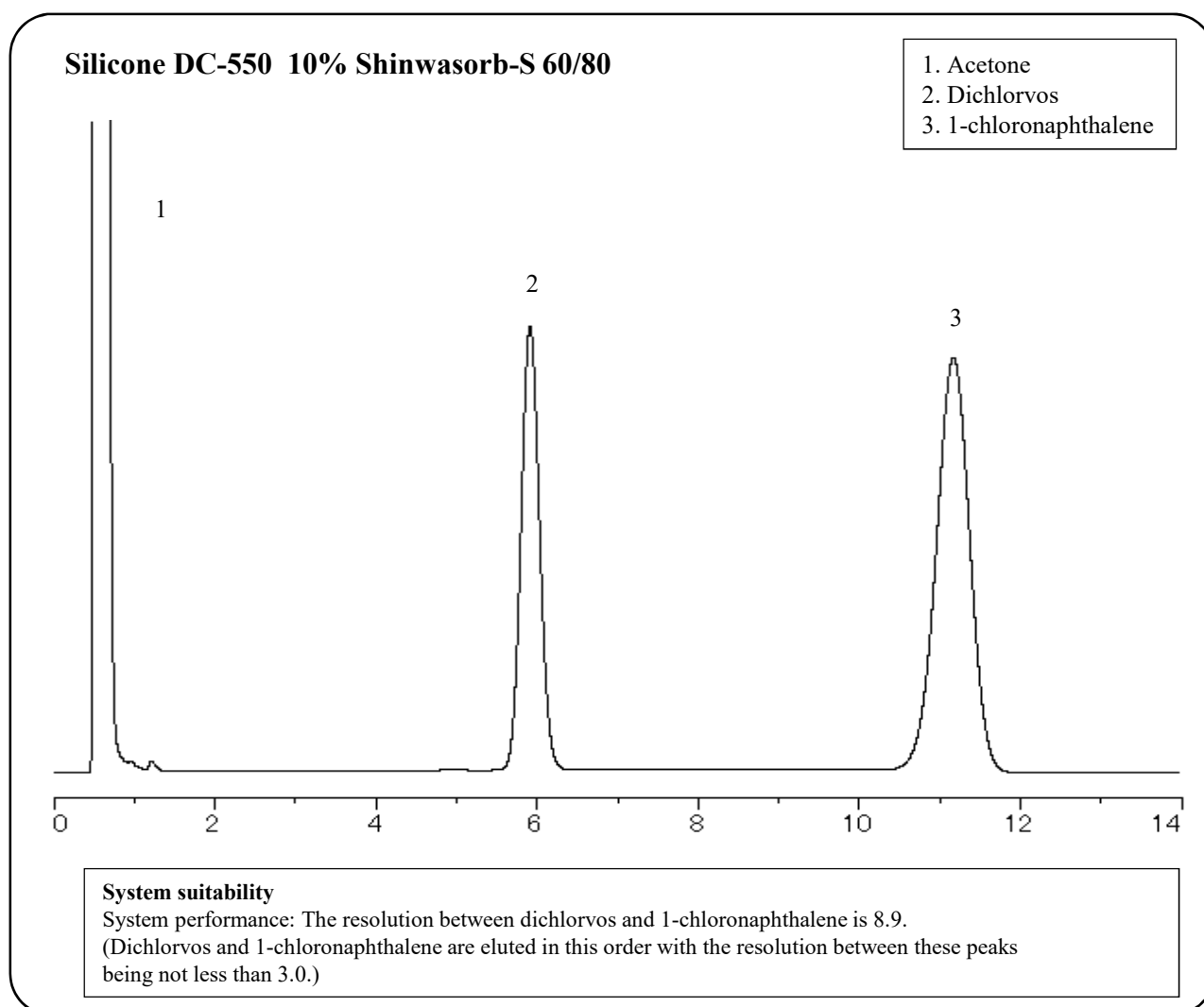
GC Packed column

<h1>SHINWA EXPRESS</h1>	<i>Application</i>	2019
		J u n e

Analysis of dichlorvos using Shinwasorb

~Assay~

Dichlorvos is an organophosphorus insecticide. Shown below is an analysis of dichlorvos performed using a column packed with a Shinwasorb packing material in accordance with the Pesticide guidelines.



Column:	2.1 m x 3.2 mm I.D. Glass	Sample volume:	2.0 μ L
Sample:	dichlorvos, 1-chloronaphthalene in acetone	Detector:	FID 230°C
Column temp.:	180°C	Injection port temp.:	230°C
Carrier gas:	40 mL/min N ₂ (Adjust so that the retention time of dichlorvos is about 6 minutes.)		

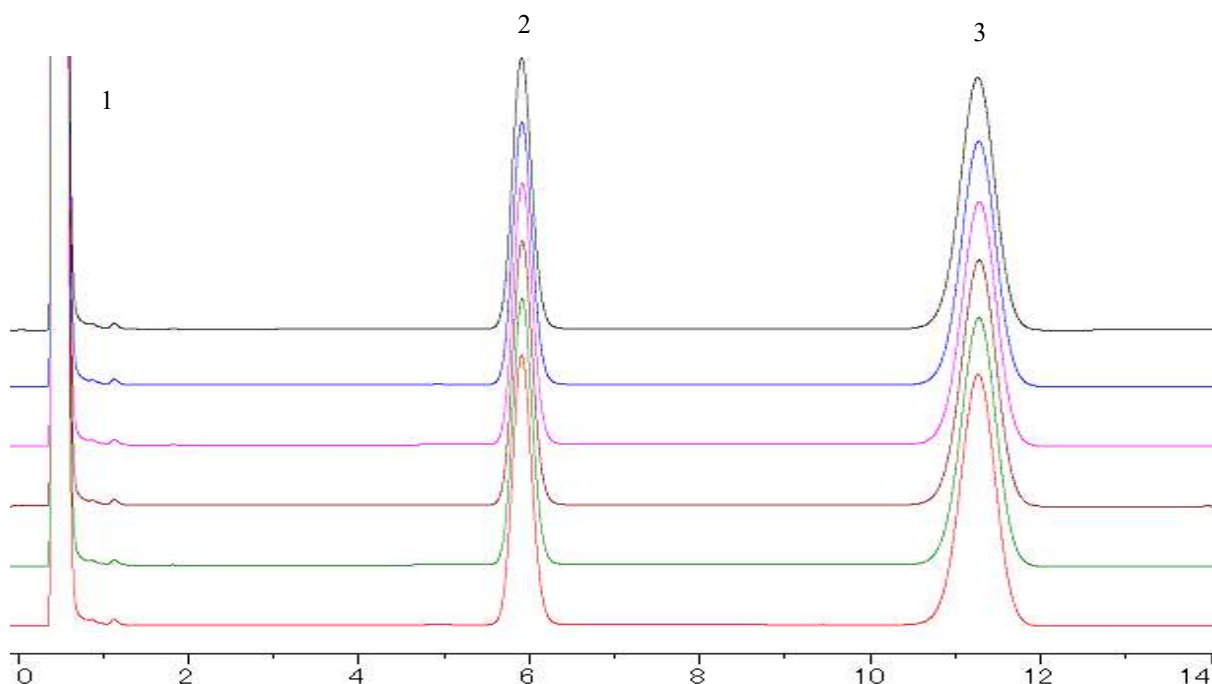


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Silicone DC-550 10% Shinwasorb-S 60/80

1. Acetone
2. Dichlorvos
3. 1-chloronaphthalene



System suitability

System repeatability: The relative standard deviation is 0.24%
(When the test is repeated 6 times, the relative standard deviation of the ratio of the peak area of dichlorvos to that of 1-chloronaphthalene is not more than 1.0%.)

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■ Packing material specifications and price ■

Product name	Weight	Price
Silicone DC-550 10% Shinwasorb-S 60/80	25 g	15,100 JPY

■ Packed column specifications and price ■

Product name	Column material	Dimensions	Price
Silicone DC-550 10% Shinwasorb-S 60/80	Glass (For GC-2014 systems)	2.1 m x 3.2 mm I.D.	56,700 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 June 24th, 2019. 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.