

**CoreFocus**

( $\times 10,000$ )

505.40 > 336.30(+)

Shim-vial H

Vial C

Vial D

min

Chlorhexidine (100  $\mu\text{g/L}$ , 1  $\mu\text{L}$  injection)

[illegible]

# The Smallest Possible Volumes Are Achieved with High-Accuracy Machining Techniques



Our small-volume vials with their unique shape are made of the same materials and receive the same cleaning treatment as the 1.5 mL vials. They suppress adsorption more than other small-volume inserts by limiting the contact surface between the sample and the container. In addition, the bottom surface of the vial is hollowed out in order to increase thermal conductivity.

Residual volume: Approx. 10  $\mu$ L

When using it, adjust the needle stroke parameter to be 15 mm higher than for the 1.5 mL vials.  
For example; Shimadzu SIL-40 series: 32 mm or less

## Vial Selection by Application

Our lineup includes Shim-vial H, which enables trace-quantity analysis of basic compounds prone to adsorption by glass, thanks to advanced low adsorption treatment, and the cost-effective Shim-vial S.

### Shim-vial H For high-sensitivity analysis

- ppt order high-sensitivity analysis (LC–MS)
- Analysis of compounds prone to adsorption (LC–MS and LC)
- Analysis with a focus on repeatability (QA/QC)
- Analysis requiring a low background

### Shim-vial S For routine analysis

- Analysis of general compounds (LC–MS and LC)
- ppm to ppb order high-sensitivity analysis
- Analysis with a focus on repeatability (QA/QC)
- Analysis requiring a low background

## Item List

P/N	Product Name	Remarks
227-34500-01	Shim-vial H 1.5 mL clear glass, Cap with PTFE/silicon septum (slitless)	100 pcs
227-34500-02	Shim-vial H 1.5 mL clear glass, Cap with PTFE/silicon septum (slit)	100 pcs
227-34500-03	Shim-vial H 1.5 mL amber glass, Cap with PTFE/silicon septum (slitless)	100 pcs
227-34500-04	Shim-vial H 1.5 mL amber glass, Cap with PTFE/silicon septum (slit)	100 pcs
227-34500-05	Shim-vial H 1.5 mL clear glass, Cap with silicon septum (slitless)	100 pcs
227-34500-51	Shim-vial S 1.5 mL clear glass, Cap with PTFE/silicon septum (slitless)	100 pcs
227-34500-52	Shim-vial S 1.5 mL clear glass, Cap with PTFE/silicon septum (slit)	100 pcs
227-34500-53	Shim-vial S 1.5 mL amber glass, Cap with PTFE/silicon septum (slitless)	100 pcs
227-34500-54	Shim-vial S 1.5 mL amber glass, Cap with PTFE/silicon septum (slit)	100 pcs
227-34500-55	Shim-vial S 1.5 mL clear glass, Cap with silicon septum (slitless)	100 pcs
227-34500-11	Shim-vial H 0.15 mL clear glass, Cap with PTFE/silicon septum (slitless)	100 pcs
227-34500-12	Shim-vial H 0.15 mL clear glass, Cap with PTFE/silicon septum (slit)	100 pcs
227-34500-13	Shim-vial H 0.15 mL amber glass, Cap with PTFE/silicon septum (slitless)	100 pcs
227-34500-14	Shim-vial H 0.15 mL amber glass, Cap with PTFE/silicon septum (slit)	100 pcs
227-34500-21	Cap with PTFE/silicon septum (slitless)	100 pcs
227-34500-22	Cap with PTFE/silicon septum (slit)	100 pcs
227-34500-23	Cap with silicon septum (slitless)	100 pcs

Shim-vial and CoreFocus are trademarks of Shimadzu Corporation or its affiliated companies in Japan and/or other countries.



Shimadzu Corporation

[www.shimadzu.com/an/](http://www.shimadzu.com/an/)

#### For Research Use Only. Not for use in diagnostic procedures.

This publication may contain references to products that are not available in your country. Please contact us to check the availability of these products in your country.

Company names, products/service names and logos used in this publication are trademarks and trade names of Shimadzu Corporation, its subsidiaries or its affiliates, whether or not they are used with trademark symbol "TM" or "®".

Third-party trademarks and trade names may be used in this publication to refer to either the entities or their products/services, whether or not they are used with trademark symbol "TM" or "®".

Shimadzu disclaims any proprietary interest in trademarks and trade names other than its own.

The contents of this publication are provided to you "as is" without warranty of any kind, and are subject to change without notice. Shimadzu does not assume any responsibility or liability for any damage, whether direct or indirect, relating to the use of this publication.