

## Product information

<b>Field of application:</b>	SIMICON CTD is a biological indicator, which is designed for the validation and routine monitoring of chemo-thermal disinfection processes at 55 °C to < 70 °C.
<b>Features:</b>	SIMICON CTD indicators contain populations of <i>Enterococcus faecium</i> and are contaminated with test soil according to ISO 15883.
<b>Conformity:</b>	Biological indicator SIMICON CTD with test soil in compliance with the requirements of ISO 15883.
<b>Specifications:</b>	<i>Organism: Enterococcus faecium</i> <i>Mean population (cfu): <math>\geq 10^5</math></i> <i>Carrier material: siran carrier</i> <i>Primary packaging: plastic tube (PP)</i> <i>Organic burden: defibr. sheep blood</i> <i>Shelf life: 4 months from the date of manufacturing</i>
<b>Storage:</b>	+ 4 °C to + 8 °C
<b>Disposal:</b>	After disinfection process, dispose of with domestic waste.
<b>Packing unit:</b>	10 pcs.
<b>Order No:</b>	BI-CTD-13001-E

### Example of use:

1. The test may be conducted in a loaded or empty washer disinfecter (WD). The opening of the tubes must not be caped or covered during the test.
2. Take the biological indicators (plastic tubes) out of their pouch and number them. Remove the caps carefully. One indicator is intended for verifying the growth performance after transport and shipping. Do not process this control indicator.
3. Place the remaining indicators at representative spots (e.g. at the corners and centre of the charging basket). Using the SIMICON - special mounting device or adhesive tape, fix each tube upside down, so that the opening points towards the bottom of the WD. Put the caps in a small parts basket and wash them as well.
4. Select the appropriate programme. Start the programme.
5. When the disinfection process is finished, take the indicators out of the WD, empty the tubes and seal them firmly with the washed caps. It is important to work aseptically when handling the indicators.
6. Incubation: 4 days at 35 °C  $\pm$  2 K. (e.g. incubate with an *Enterococcus* selective nutrient medium)
7. Check all tubes for growth daily. Check especially for specific growth of the test organism.
8. Note down the results. To confirm the validity of the results, the transport control has to show typical growth.