

Biological indicator TD for thermal disinfection processes

Product information

Field of application: TD is a biological indicator, which is designed for the validation and routine monitoring of thermal disinfection processes at 70 °C - 95 °C.

Features: TD indicators contain populations of *Enterococcus faecium* and are contaminated with test soil according to ISO 15883.

Conformity: Biological indicator TD in compliance with the requirements of ISO 15883.

Specifications:
*Organism: **Enterococcus faecium***
Mean population (cfu): $\geq 10^7$
*Carrier material: **siran carrier***
*Primary packaging: **plastic tube (PP)***
*Organic burden: **defibr. sheep blood***
*Shelf life: **4 months from the date of manufacturing***

Storage: + 4 °C to + 8 °C

Disposal: After disinfection process, dispose of with domestic waste.

Packing unit: 10 pcs

Order No: BI-TD-12001

Example of use:

1. The test may be conducted in a loaded or empty washer disinfectant (WD). The opening of the plastic tubes must not be capped or covered during the test.
2. Take the biological indicators (plastic tube) 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 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 °C. (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.