

TECHNICAL DATA SHEET

STEAM BIOLOGICAL INDICATOR

PRODUCT CODE	: 4ASBI
RELATED STANDARDS	: 4A Medical Steam Biological Indicator is under the scope of ISO 11138 standard.
INTENDED USE	: Biological Indicator is specifically designed for the monitoring vacuum assisted steam sterilization processes at 121 – 134 °C and gravity displacement steam sterilization cycles at 121 – 134 °C. Use a non-sterilized biological indicator as positive control whenever a processed biological indicator is incubated. The positive control ensure that appropriate incubation conditions were met. Incubate the processed biological indicator and the indicator used as positive control for a maximum of 24 hours at 60+/- 2 °C. Regarding should be made at convenient intervals of 10hours. Color change of the growth indicator medium from purple to yellow means that a sterilization process failure has occurred. If at 24hours there is no color change in the processed indicators, a final negative result is made (the sterilization process was acceptable). The positive control indicator should show a yellow color change for the results to be valid.
OPERATION CONDITIONS	: If sterilization process was not successful, the indicator medium will change from purple to yellow after incubation at 60 +/- 2 °C , thus indicating the presence of live Geobacillus stearothermophilus spores. If the sterilization process was successful , indicator medium will remain purple after incubation.The final readout should be made at 24hours of incubation at 60 +/- 2 °C
COMPOSITION	: Each tube contains a population of Geobacillus stearothermophilus ATCC 7953 spores soaked on a carrier. It also has a growth indicator medium of purple color contained within the glass ampule.
STORAGE AND DISPOSAL	: Store it in a dark place at temperatures between 10-30°C. , % 30-80 relative humidity. Do not freeze. Do not store these biological indicator near sterilizing agents or other chemical products. Each box contains 100 pieces indicator.
PACKAGING	: 100 pcs in box.