



EZTEST® PROPYLENE OXIDE

SELF-CONTAINED BIOLOGICAL INDICATORS

7953⁽¹⁾ *G. stearothermophilus*

- EZTest contains a known quantity of bacterial spores inoculated onto filter paper and placed inside a plastic culture tube with a crushable glass ampoule containing the culture medium.
- Available for propylene oxide gas pasteurization of nuts and other dry food products and contains the spores of *Geobacillus stearothermophilus*. A chemical indicator on the label changes color from blue to green when sterilization exposure has occurred.

Instructions for Use:

1. Identify test units as to location in sterilizer.
2. Locate test units in areas of the load considered most difficult to sterilize.
3. The coldest place in the load is usually in the center pallet or bin of the bulk packaged almonds or other dry food material.
4. If multiple pallet/bin loads are used it is recommended to monitor the pallet/bin that is in the slowest to heat location in the chamber.
5. Following exposure, remove the EZTest biological indicators as soon as the load cools.
6. Any microbiological incubator that is adjusted for 55 to 60°C will satisfy the conditions for the EZTest.
7. To activate, place the indicator in an upright position in a plastic crusher.
8. Gently squeeze the crusher to break the glass ampoule.
9. Place in appropriate incubator for 24 hours.
10. If the spores survive the process cycle, the culture medium will turn to yellow (positive).
11. If the spores have been killed, the culture medium will remain a purple color.
12. It is best to read results approximately every 12 to 24 hours. All positive (yellow) samples should be recorded and discarded immediately.
13. All positive (yellow) samples should be autoclaved prior to disposal.

⁽¹⁾ Culture is traceable to a recognized culture collection identified in USP and ISO 11138.

EZTest Advantages:

- Convenient to culture
- Results are final in 24 hours
- Dramatic color change for positive cultures
- No special laboratory is necessary for culturing

Certification:

EZTest propylene oxide biological indicators are certified for population. EZTest propylene oxide is manufactured in compliance with USP and ISO 11138.

EZTest Biological Indicators are available as follows:

EZTest propylene oxide	Units per box	Reorder Number
<i>G. stearothermophilus</i> 10 ⁵	100	EZP/5

Storage: Room Temperature. Do Not Desiccate.

Expiration: 24 months from date of manufacture

Rev. 3
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