Spore Strips - Biological Indicator LA922 and LA923

Spore strips for sterility testing in steam sterilization environment for both Healthcare and Industrial applications. The spore strips consist of inoculated filter paper, 6mm x 30mm, packaged in glassine peel pouches or envelopes which provides protection from environmental contaminants during transport after exposure. The spore strips can be easily removed from the glassine pouch by peeling the pouch open for transfer to culture medium.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Code</th>
<th>Description</th>
<th>No. of Spores per strips</th>
<th>Strip size</th>
<th>Pack Size (nos/pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spore Strips - Biological</td>
<td>LA922</td>
<td><em>Geobacillus stearothermophilus</em></td>
<td>$10^6$</td>
<td>6 mm x 30 mm</td>
<td>1 x 100 No. 1 x 25 No.</td>
</tr>
<tr>
<td>Indicator</td>
<td>LA923</td>
<td><em>Geobacillus stearothermophilus</em></td>
<td>$10^5$</td>
<td>6 mm x 30 mm</td>
<td>1 x 100 No. 1 x 25 No.</td>
</tr>
</tbody>
</table>

*Geobacillus stearothermophilus ATCC 7953 - (B.stearothermophilus)* For use in monitoring steam sterilization. Spore strips are compliant with ISO 11138-1 and ISO 11138-3

**Principle:**
Each Spore Strips contains a population of $1x10^5$ (LA923) / $1x10^6$ (LA922) of *B. stearothermophilus* spores. Each spore strips as recommended for steam sterilization act as sterilization indicators. The spores after exposure as specified use, gets killed indicating the efficiency of sterilization process. This is determined by studying the growth of treated spore strips in nutrient media like Soyabean casein digest medium.

**Directions:**
1. Place the spore strips while sterilization to check efficiency of the process (Steam sterilization).
2. Inoculate the treated spore strips in Soyabean casein digest medium at 55-60°C. Observe for growth after every 24 hours till 7 days and record the results.
3. Check for presence/absence of growth. Growth is indicated by turbidity.
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Interpretation:
Turbidity – Improper sterilization
No turbidity – Proper sterilization

Storage:
Store the strips under room temperature preferably between 15-30 degree C. Keep away from high temperature, humidity and sterilants.

Disclaimer:
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