

Anaerobic Indicator Strip

Intended Use

An anaerobic indicator strip is used to verify and monitor the presence of anaerobic conditions inside a controlled environment.

Summary

Obligate anaerobes are organism that can survive only in the absence of oxygen. As these organisms lack the enzymes superoxide dismutase and catalase, that destroy the lethal superoxide radicals formed in the presence of oxygen. Anaerobic indicator strip helps confirm that proper anaerobic conditions have been created for growing microorganisms that cannot survive in the presence of oxygen.

Principle

The strip works based on a colour change reaction using a chemical indicator dye (Methylene blue)

- In the presence of oxygen: the strip shows a coloured state (Blue).
- In the absence of oxygen (anaerobic conditions): the strip becomes colourless, indicating that oxygen has been removed.

Physical Parameters

Appearance: Thin long strip with the reaction pad (Blue colour) at one end.

Test (Moisten the reaction zone (Blue colour) with one drop of distilled water and place strip at the base of the jar): On achieving anaerobic condition colour will change from blue to colourless.

Storage

Store at 10°C-30°C.

Precautions

1. Do not use the Anaerobic indicator strip sachet if the outer foil is damaged.
2. Avoid direct sunlight and excessive temperatures.

Reference

Data on file: Microexpress, A division of Tulip Diagnostics (P) Ltd.

Product Presentation:

Cat No.	Product description	Pack Size
208010800005	Anaerobic Indicator Strip	1 Pack (5 Nos.)

 Temperature Limit	 Manufacturer	 Batch Code	 Date of Manufacture
 Catalogue Number	 Consult Instructions for use	 Use-by Date	 This way up

Revision: 0626/VER-02

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at his end for suitable use of the product.