

LISTERIA TESTING SOLUTIONS

ENVIRONMENTAL SAMPLING SYSTEMS
FOR EVALUATING *LISTERIA* PRESENCE ON
SURFACES AND EQUIPMENT.

Lasec® offers a wide range of solutions comprising of
world-class brands such as Copan, Lab M™ and 3M™
to assist in your workflow.



1

SAMPLING

2

**INOCULATION
AND ISOLATION**

3

**IDENTIFICATION AND
CONFIRMATION OF POSITIVES**

E&OE

1 SAMPLING

Effective sample collection is required for accurate detection and confirmation of *listeria*. We provide a vast array of sampling products to meet your needs.

ENVIRONMENTAL SURFACE SAMPLING

Pre-moistened swabs improve sample uptake, particularly on dry surfaces. Our **Copan SRK™ Solution** acts as a neutralizing agent as well as a transport medium for the enumeration of bacteria.



POST CLEANING SAMPLING & ANALYSIS

We offer all required instrumentation and consumables to assist in your post cleaning sampling procedure including filtration manifolds, sample bottles and pumps.



2 INOCULATION & ISOLATION

Sample-ready **3M™ Petrifilm™** and microbiological media and supplements from **Lab M™**, allow *listeria* to be cultured from environmental samples and are used in laboratories around the world. 3M™ is AOAC/AFNOR validated.

ENRICHMENT

We propose the optimisation of your culture method using either a Lab M™ Half Fraser or UVM broth for primary enrichment and/or their Full-strength Fraser broth as a secondary enrichment option.



DETECTION / ENUMERATION

Listeria Petrifilm™ from 3M™ will detect the presence of most environmental *listeria* species. We also offer a variety of selective differential media from Lab M™, including Harlequin™ Listeria Chromogenic Agar and PALCAM agar.



3 IDENTIFICATION & CONFIRMATION OF POSITIVES

PHENOTYPE

Visual Examination

GENOTYPE

DNA/RNA Analysis

Lasec® is a proud supplier of the **3M™ Molecular Detection System** - It's pathogen testing made pure and simple. A compact system engineered for superior testing including unique assays and powerful software to provide a solution that is fast, accurate, easy-to-use and affordable.

