

## Actero™ MediaBox™ Lactose Broth Product Information

Catalogue No.	Description
FCM-110	Actero™ MediaBox™ Lactose Broth (5 Liter)
FCM-111	Actero™ MediaBox™ Lactose Broth (10 Liter)
FCM-123	Actero™ MediaBox™ Lactose Broth (20 Liter)

### INTENDED USE:

MediaBox™ Lactose Broth is used for the cultivation of Salmonella and coliform bacteria from food, food ingredients and environmental surfaces.

**MediaBox™ Lactose broth is not intended for clinical or veterinary use.**

### SUMMARY & EXPLANATION:

This medium was developed to facilitate the nonselective enrichment of *Salmonella species* and coliform bacteria.

**Storage Instructions:** On receipt, store the MediaBox™ at room temperature 15 - 25°C.

### Preparation / Composition (in g/L):

Enzymatic Digest of Gelatin.....	5g
Beef Extract.....	3g
Lactose.....	5g

### Final pH: 6.9 ± 0.2 at 25°C

The formula may be adjusted and/or supplemented as required to meet performance specifications.

### PROCEDURE FOR MEDIABOX:

**Materials not provided:** Ancillary tubing and required connectors can be purchased separately. See the list of accessory tubing and connectors later itemized in the instructions for use.

**Instructions:** Observe aseptic techniques. Stand the MediaBox™ with the Cap and dispensing tube at the top.

Set up your dispensing tubing by connecting it to a pump or dilutor you intend to use to control the dispensing of the broth.

Have your sterile connecting tubing with a suitable connector ready to link to the MediaBox™. Remove the sterile caps from both the dispensing tube attached to the MediaBox™ and the sterile connector stopper to your dispensing tubing. Connect the two pieces to permit flow of the broth into your dispensing tubing. Turn the MediaBox™ on its side with the dispensing cap and tubing toward the bottom of the MediaBox™ on the bench. Turn on your pump or dilutor and commence dispensing the broth into blender bags, bottles, tubes or other suitable vessels.

### TERMS AND CONDITIONS:

Salus Scientific Inc. makes no representations and warranties concerning its products other than those stated herein. All Product(s) delivered hereunder by Salus Scientific Inc., its affiliates or any other person on its behalf shall, at the time of delivery, be manufactured to meet Salus Scientific Inc.'s specifications and all applicable laws. All other terms, conditions and warranties, including any warranty of merchantability, quality, fitness or suitability for a particular or intended purpose, implied by common law or statute, (implied warranties) are expressly excluded.

### FOR FURTHER INFORMATION PLEASE CONTACT:

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### USER QUALITY CONTROL:

1. Examine initial dispensed broth from the MediaBox™ to confirm that the liquid is not cloudy, as this could indicate bacteria contamination in the MediaBox™.
2. Inspect the MediaBox™ upon receipt for any signs of dampness on the outer box as this could indicate leakage of broth during transport.

After the initial enrichment of samples spiked with *Salmonella species* at low concentrations (less than 10 CFU) for 24 hours at 35°C ± 2°C streak 10-20µl of the sample onto a suitable chromogenic agar plate. The plates should show isolated colonies in streaked areas and confluent growth in areas of heavy inoculation.

Mauve colonies are *Salmonella species*, *E. coli species* are typically colorless and other Coliforms are typically blue. For the isolation of *Salmonella species* and other bacteria from food, food ingredients, air, water or other materials consult FDA:BAM, Health Canada Compendium of Methods or any other appropriate reference.

### LIMITATIONS OF THE PROCEDURE:

This ready-to-use broth is intended for primary enrichment and further selective enrichment in a selective broth and or on selective agar plate would be required to isolate a pure culture.