

Actero™ MediaBox™ Modified TSB Broth (mTSB) Product Information

Catalogue No.	VWR Catalogue No.	Description
FCM-040	89522-696	Actero™ MediaBox™ modified TSB Broth (5 Liter)
FCM-041	89522-698	Actero™ MediaBox™ modified TSB Broth (10 Liter)
FCM-042	89522-700	Actero™ MediaBox™ modified TSB Broth (20 Liter)

INTENDED USE:

MediaBox™ modified TSB broth is a partially selective broth used for the initial enrichment of *E. coli* from foods.

MediaBox™ modified TSB broth is not intended for clinical or veterinary use.

SUMMARY & EXPLANATION:

This medium was developed to facilitate the selective enrichment of *E. coli* O157.

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

Composition:

Casein Digest Peptone..... 17.0g
 Papaic Digest of Soybean Meal..... 3.0g
 Sodium Chloride.....5.0g
 Dextrose.....2.5g
 Dipotassium Phosphate.....4.0g
 Bile Salts No. 3.....1.5g
Final pH: 7.3 ± 0.2 at 25°C

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.

To enrich *E. coli* O157 from a food sample, consult FDA: BAM, or any other appropriate reference.

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 the 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. The appearance of the medium is light to medium amber and clear.

LIMITATIONS OF THE PROCEDURE:

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