

## Actero™ MediaBox™ Buffered Peptone Water (BPW) Product Information

Catalogue No.	VWR Catalogue No.	Description
FCM-037	89522-690	Actero™ MediaBox™ Buffered Peptone Water (5 Liter)
FCM-038	89522-692	Actero™ MediaBox™ Buffered Peptone Water (10 Liter)
FCM-039	89522-694	Actero™ MediaBox™ Buffered Peptone Water (20 Liter)

### INTENDED USE:

MediaBox™ BPW is a non-selective broth used for the initial enrichment of contaminating bacteria e.g. *Salmonella species* from foods, food ingredients and environmental surfaces. **MediaBox™ BPW is not intended for Clinical or veterinary use.**

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

### Composition (in g/L):

Pancreatic Digest of Gelatin.....	10.0g
Disodium Phosphate.....	3.5g
Sodium Chloride.....	5.0g
Monopotassium Phosphate.....	1.5g

**Final pH:** 7.2 ± 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.

For the isolation of *Salmonella* species and other bacteria from food, food ingredients, air, water or other materials consult the FDA: BAM, Health Canada Compendium of Methods or any other appropriate reference.

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### 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:

Salus Scientific Inc.  
Suite 450, 1414 – 8 St. S.W.  
Calgary, Alberta, Canada  
T2R 1J6  
Tel: 1-877-298-0208

### USER QUALITY CONTROL:

1. Examine the initial dispensed BPW 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.
3. Expected cultural response is after 18-24 hours at 37°C.

Organism	Result
<i>Escherichia coli</i> ATCC® 25922	Growth
<i>Salmonella enteritidis</i> ATCC®13076	Growth
<i>Salmonella</i> Typhimurium ATCC® 14028	Growth

### 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.