



<u>FSI Catalogue No.</u>	<u>VWR Catalogue No.</u>	<u>Description</u>
FCM-031	89522-678	Actero™ MediaBox™ Sterile Water (5 Liter)
FCM-032	89522-680	Actero™ MediaBox™ Sterile Water (10 Liter)

MediaBox Sterile Water (SW): Ready to Use for the dilution of Samples

INTENDED USE

MediaBox SW is sterile water with a micro-Siemen hardness of less than 5.0 and can be used as a general diluent. **MediaBox SW is not intended for Clinical or veterinary use.**

SUMMARY & EXPLANATION

This sterile water can be used to dilute concentrated buffered or broth media while maintaining a low micro-Siemen hardness and required pH.

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

Preparation / Composition (in g/L):

Water is processed by ion-exchange to reduce the micro-Siemen hardness then sterilized by autoclaving at 121°C for 15 minutes prior to dispensing into the MediaBox bladders in a sterile manner.

PROCEDURE FOR MEDIABOX:

Materials not provided: Sterile Water MediaBox is supplied with a sterile cap only so to dispense the contents the operator will need to open the bladder in a safety cabinet and attach a sterile dispensing cap and tube.

Ancillary tubing and connectors required can be purchased separately, see list of accessory tubing and connectors itemized later in the instructions for use.

Instructions: Observe aseptic techniques. Stand the MediaBox in the safety cabinet with the Cap at the top.

Remove the sterile cap and replace with a suitable sterile dispensing cap and tubing set. Set-up your dispensing tubing by connecting it to a pump or dilutor you intend to use to control dispensing of the broth.

Have your sterile connecting tubing with 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.

User Quality Control:

1. Examine initial dispensed PB 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.

LIMITATIONS OF THE PROCEDURE

This ready to use sterile water is intended as a diluent for concentrated buffers or enrichment broths. It cannot be used for dilution or enrichment of food samples on its own.

