

SteriVal® Workshop:

Your Task:

- You are completing one stage of the SteriVal® validation of transfer disinfection procedure.
- Stages 1-3 have been completed, so your task is to undertake Stage 4 Bioburden Recovery.
- Please note: this is on ONE item only.
A full SteriVal® kit contains equipment necessary for 6 tests and one control.
- **Review the instructions, and work from the attached Schematic Summary of step 4** using the one item provided.
- **Finally**, while conducting and observing the practical exercise, please consider and **answer the discussion questions** on the next page

Refer to instruction booklet and Schematic outline

The following materials have been provided, (please take care to avoid unnecessary spillages!)

1 x Item in sealed sterile bag
1 x Sterile gloves

1 x 310ml Recovery Diluent
1 x 50ml syringe, needle and vent needle (for Recovery Diluent additions)

1 x "Field Monitor" filter unit
1 x Beaker to collect filter effluent

1 x 10ml syringe plus vent needle (for "clean air" addition to filter unit)

1 x Vial of Tryptone Soya Broth (TSB)
1 x 20ml syringe, needle and vent needle (for broth addition to filter unit)

1 x 5ml syringe plus vent needle (for "clean air" addition to filter unit)

Discussion Questions:

Question 1.

Should gloves be worn when picking test items from the storage area?
(Will unprotected hands transfer bioburden and influence test results?)

Question 2.

Why is air passed through the filter after the recovery diluent and broth have been added?
(Will residual fluid left on the filter affect recovery of any microbes present?)

Question 3.

Why is the filter inverted before incubation?

Question 4.

Will the growth conditions support all micro-organisms?

Question 5.

How could this method be implemented within your unit?
(Frequency, type of operator, type of product?)