

The final date for return of results is indicated on the accompanying request/report form

Contact details:

The Organisers - FEPTU
Centre for Infections,
61 Colindale Avenue,
London, NW9 5EQ, UK.
Fax: +44 (0) 20 8200 8264
Tel: +44 (0) 20 8327 7119
e-mail: foodeqa@hpa.org.uk
www.hpa.org.uk/eqa/surfacewater

Results may be returned by fax, mail or e-mail



0006

Recreational and Surface Water Scheme Instruction Sheet Bathing Beach Waters

Each distribution consists **four LENTICULE discs**, two for the 'A' sample and two for the 'B' sample. This is to allow:

1. 1 Litre of reconstituted sample to be examined for the presence of salmonella
2. 1 Litre of reconstituted sample to be used to enumerate the indicator organisms as listed on the request/report form. Note that dilutions may be required for the enumerations

The LENTICULE discs are provided in screw-cap plastic vials (with a desiccant). Each LENTICULE disc rests on the filter support containing the desiccant. The desiccant should be orange in colour. Please contact us if this is not the case. Each LENTICULE discs requires reconstitution by a process of rehydration and dispersion prior to examination, as described below.

Refer also to the Safety Data Sheet: www.hpa.org.uk/eqa/surfacewater

Storage:

- Store the samples at $-20 \pm 5^{\circ}\text{C}$ on receipt.
- Allow the LENTICULE discs to reach ambient temperature (5 - 10 minutes) **before** reconstituting in diluent.

Reconstitution:

- Open the sample container and transfer the LENTICULE disc into approximately **9mL** 0.1% peptone saline (maximum recovery diluent (MRD)) that has been allowed to reach ambient temperature.
- Leave to stand at ambient temperature for 10 -12 minutes to dissolve.
- Tighten the cap of the bottle and shake to disperse the micro-organisms.
- Transfer all the inoculated MRD to a sample bottle containing 1L sterile deionised or distilled water at ambient temperature.
- Rinse with approximately 2mL from the sample bottle, ensuring all liquid is transferred back to the 1L sample.
- Disperse the inoculum by inverting approximately 30 times.

Examination:

- Each reconstituted sample is equivalent to 1L water. For each sample, examine one reconstituted LENTICULE disc to examine for *Salmonella* spp. and use the other to enumerate the organisms stipulated on the request form. **Note that dilutions may be required for all enumerations.**
- Undertake the sample examinations within 45 minutes of reconstitution.
- Examine in accordance with your routine procedures.

Reporting:

- Indicate on the request/report form the examinations undertaken, record the results and provide the requested information.

Return of Results:

- Return results to the organisers before the deadline shown on the request/report form.
- Results returned after that date will **not** be assessed.