

## PRODUCT SPECIFICATION

## OXOID TRICHOMONAS SELECTIVE MEDIUM

EB0861C

**Typical Formula\***

	grams per litre
Pancreatic digest of casein	13.6
Papaic digest of soybean meal	2.4
Sodium chloride	4.0
Di-basic potassium phosphate	2.0
Glucose	2.0

**Additions**

Liver Peptone	14.4
Dextrose	16.0
Calcium D-pantothenic acid	0.05
Chloramphenicol	0.125
Horse serum	200ml

\*adjusted as required to meet performance standards

**Preparation**

Suspend Tryptone Soya Broth (24.0 grams/ litre), liver peptone (14.4 grams/ litre), calcium D-pantothenic acid (0.05 grams/ litre), and dextrose (16.0 grams/ litre) in de-ionised water. Heat to dissolve. Sterilise at 121°C for 15 mins. Cool and aseptically add chloramphenicol and horse serum. Aseptically dispense 5ml into final containers sterile bijou bottles. When cooled, label each bottle and pack in units of 200 in labelled boxes.

**Format**

Two hundred bijou bottles with screw cap closures in a box.

**Labels**

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

**Physical Characteristics**

pH	6.2 ± 0.2
Colour	Straw 5
Clarity	Clear
Fill weight	5.0 - 5.3g

**Packaging and presentation**

General appearance of bottle and label should be satisfactory. Label data should be correct.

**Contamination check**

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 5 days.

**Microbiological Tests Using Optimum Inoculum Dilution****Results after incubation at 33-37°C for 48–60 hours**Positive controls

Inoculum > 40 viable cells per 20 microscope viewing fields (x400 magnification)

*Trichomonas vaginalis*      ATCC® 30001      Quantitative microscopic examination

Viable *Trichomonas vaginalis* counts shall be equal to or greater than 75% of the control medium (previous lot).

**Results after incubation at 35-39°C for 36–48 hours**

Inoculum 10-100 colony forming units

*Candida albicans*      ATCC® 10231      Turbid growth

Negative controls

Inoculum 10,000-100,000 colony forming units

**Results after incubation at 35-39°C for 36–48 hours**

*Enterococcus faecalis*      ATCC® 19433      No growth

*Escherichia coli*      ATCC® 25922      No growth

**Storage conditions**

Store away from light between 2 - 10°C.

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