thermoscientific

# PRODUCT SPECIFICATION

## OXOID OXYTETRACYCLINE GLUCOSE YEAST EXTRACT AGAR BASE BO0783R

### Typical Formula*

| | grams per litre |
|---|---|
| Yeast extract | 5.0 |
| Glucose | 20.0 |
| Agar | 12.0 |

* adjusted as required to meet performance standards

### Preparation
Suspend Oxytetracycline-Glucose-Yeast Extract Agar (37.0 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 200ml into final containers, 250ml sirop bottles. Sterilise at 115°C for 10 minutes. When cool, label each bottle and pack in units of 10 into labelled boxes.

### Format
Ten sirop 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 | 7.0 ± 0.2 |
| Colour | Straw 2 to straw 3 |
| Clarity | Clear |
| Fill weight | 200.0 - 204.0g |

### 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.

**Microbiological testing is performed on the complete medium. The agar is melted by autoclaving at 100°C for 30 minutes, cooled to 45-50°C, then supplemented by the addition of one vial of OGYE Selective Supplement (SR0073A) reconstituted as directed, per 500ml. The complete medium is then dispensed into Petri dishes and allowed to set.**

### Results after incubation at 23-27°C for 5 days.

Positive controls
Inoculum 10-100 colony forming units

| | | |
|---|---|---|
| *Aspergillus brasiliensis* | ATCC® 16404 | White mycelia, black spores |
| *Saccharomyces cerevisiae* | ATCC® 9763 | Cream colonies |

Colony counts shall be equal to or greater than 50% of the control medium, Tryptone Soya Agar (*A. brasiliensis*) and Sabouraud Dextrose Agar (*S. cerevisiae*).

Negative controls
Inoculum 10,000-100,000 colony forming units

| | | |
|---|---|---|
| *Escherichia coli* | ATCC® 25922 | No growth |

Inoculum determined on the control medium (Tryptone Soya Agar).

## Storage conditions

Store away from the light between 2 – 25°C.

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