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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
OXYTETRACYCLINE GYE SELECTIVE SUPPLEMENT SR0073A		

OXYTETRACYCLINE GYE SELECTIVE SUPPLEMENT

SR0073A

Formula

Vial contents (each vial is sufficient to supplement 500ml of medium)

Oxytetracycline (in a buffered base) 0.05g

Description

A freeze-dried supplement for the isolation of moulds and yeasts.

Directions

Aseptically add 10ml of sterile distilled water to one vial and dissolve the contents completely. Add the vial contents to 500ml of Oxytetracycline Agar Base (CM0545), cooled to 50°C. Mix well and pour into sterile Petri dishes.

Physical Characteristics

Yellow pellet
Sterility - passes test

Microbiological Tests Using Optimum Inoculum Dilution

Control Media: Tryptone Soya Agar or Sabouraud Dextrose Agar, where appropriate

Reactions after incubation at 25°C for 3-5 days

Tested in Oxytetracycline-Glucose Yeast Extract Agar CM0545

Medium is challenged with 10-100 colony-forming units

<i>Candida albicans</i>	ATCC®10231	2-5mm cream colonies
<i>Saccharomyces carlsbergensis</i>	ATCC®2700	2-5mm cream colonies
<i>Saccharomyces cerevisiae</i>	ATCC®9763	2-5mm cream colonies
<i>Rhodotorula rubra</i>	ATCC®9449	2-4mm pink colonies
<i>Aspergillus flavus</i>	ATCC®22547	Greater than 10mm colonies, white mycelia, yellow/green spores
<i>Aspergillus brasiliensis</i>	ATCC®16404	Greater than 10mm colonies, white mycelia, black spores
<i>Penicillium aurantiogriseum</i>	ATCC®16025	Greater than 10mm colonies, white mycelia, green spores/no spores

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.

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Medium is challenged with 1E+04 to 1E+06 colony-forming units

<i>Bacillus subtilis</i>	ATCC®6633	No growth
<i>Escherichia coli</i>	ATCC®25922	No growth
<i>Escherichia coli</i>	ATCC®8739	No growth

Negative strains are inhibited.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Removal of Statement (ISO/CEN 11133-2 control strains are included in the test panel). Update to new format and the correction of typographical/minor errors. Addition of Control Media and Result Criteria. Correction of <i>Aspergillus niger</i> to <i>Aspergillus brasiliensis</i> .	Change control	BT-CC-2384