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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
PRE-SUPPLEMENTED DRBC (ISO) AGAR CM1149		

## PRE-SUPPLEMENTED DRBC (ISO) AGAR

CM1149

### Typical Formula\*

Peptone	grams per litre	5.0
Glucose		10.0
Potassium dihydrogen phosphate		1.0
Magnesium sulphate		0.5
Dichloran		0.002
Rose-Bengal		0.025
Agar		15.0
Chloramphenicol		0.1

\* adjusted as required to meet performance standards

### Directions

Suspend 15.8g in 500ml of distilled water. Bring to the boil to dissolve completely. Sterilize by autoclaving at 121°C for 15 minutes. Cool to 50°C. Mix well and pour into sterile Petri dishes.

### Physical Characteristics

Pink, free-flowing powder  
 Colour on reconstitution - pink  
 pH 5.6 ± 0.2 at 25°C  
 Clarity - clear  
 Gel strength - firm, comparable to 15.0g/litre of agar

### Microbiological Tests Using Optimum Inoculum Dilution


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

### Testing performed in accordance with ISO11133:2014

Reactions after incubation at 25 ± 2°C for 2 days

Medium is challenged with 50-120 colony-forming units

<i>Candida albicans</i>	ATCC®10231	WDCM00054	1-4mm pink colonies
<i>Saccharomyces cerevisiae</i>	ATCC®9763	WDCM00058	1-4mm pink colonies

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<i>Aspergillus brasiliensis</i>	ATCC®16404	WDCM00053	Less than 30mm colonies, white mycelia, black spores
<i>Mucor racemosus</i>	ATCC®42647	WDCM00181	Less than 30mm colonies, white mycelia, pale brown spores

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

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

<i>Bacillus subtilis</i>	ATCC®6633	WDCM00003	No growth
<i>Escherichia coli</i>	ATCC®25922	WDCM00013	No growth
<i>Escherichia coli</i>	ATCC®8739	WDCM00012	No growth

Negative strains are inhibited.

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**Revision History**

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Creation of new MBD-BT-SPEC	New document	N/A