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<b>OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION</b>		
<b>BRILLIANCE™ CANDIDA AGAR BASE CM1002</b>		

**BRILLIANCE™ CANDIDA AGAR BASE**

**CM1002**

**Typical Formula\***

Peptone	grams per litre	4.0
Chromogenic mix		13.6
Agar		13.6

\* adjusted as required to meet performance standards

**Directions**

Suspend 15.6 grams in 500 ml of distilled water and add the contents of one vial of Brilliance™ Candida Selective Supplement (SR0231E), reconstituted as directed. Mix well and bring to the boil with frequent agitation. DO NOT AUTOCLAVE. Cool to 45°C, mix well and pour into sterile Petri dishes.

**Physical Characteristics**

Light straw, free-flowing powder  
 Colour on reconstitution - off white  
 Moisture level - less than or equal to 7%  
 pH - 6.0 ± 0.2 at 25°C  
 Clarity - opaque  
 Gel strength - firm, comparable to 13.6g/litre of agar

**Microbiological Tests using Optimum Inoculum Dilution**


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

Medium is challenged with 10-100 colony-forming units

**Reactions after incubation at 30°C for 42-48 hours**

<i>Candida albicans</i>	ATCC®10231	1-2mm green colonies
<i>Candida albicans</i>	ATCC®18804	1-2mm green colonies
<i>Candida albicans</i>	ATCC®2091	0.5-1mm green colonies
<i>Candida tropicalis</i>	ATCC®750	2-3mm dark blue colonies
<i>Candida krusei</i>	ATCC®6258	5-10mm dry, irregular, pink/brown colonies
<i>Candida glabrata</i>	NCPF3240	2-3mm beige/yellow colonies
<i>Candida lusitaniae</i>	NCPF3516	1.5-2.5mm brown colonies
<i>Candida parapsilosis</i>	ATCC®22019	0.5-1mm brown colonies

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium. For *Candida parapsilosis* (ATCC®22019) a satisfactory result is represented by recovery of positive strains equal to or greater than 50% of the control medium.


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

<i>Staphylococcus aureus</i>	ATCC®25923	No growth
<i>Escherichia coli</i>	ATCC®25922	No growth
<i>Pseudomonas aeruginosa</i>	ATCC®27853	No growth

Negative strains are inhibited.

Mixed culture of *Candida albicans* (ATCC®18804) & *Candida tropicalis* (ATCC®750).  
Differentiation shall be comparable to the standard after incubation at 30°C for 42-48 hours.

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### Revision History

Section / Step	Description of Change	Reason for Change	Reference
Microbiological characteristics	Change Candida lusitaniae NCPF3516 colony size from 2-3 mm to 1.5 -2.5 mm	Change control	MBD-2022-0167