

OXOID PRODUCT SPECIFICATION

SABOURAUD DEXTROSE AGAR (EP, USP, JP, BP)

BO1155M

Typical Formula

	grams per litre
Pancreatic digest of casein	5.0
Peptic digest of animal tissue	5.0
Glucose	40.0
Agar	15.0

Preparation

Suspend Sabouraud Dextrose Agar (65 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 100ml into final containers, 125ml bottles. Sterilise at 121°C for 15 minutes. When cool, label each bottle and pack in units of 10 into labelled boxes.

Format

Ten 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

Physical Tests

pH	5.6 ± 0.2
Colour	Straw
Clarity	Clear
Fill weight	100.0g + 1.5g

Packaging and presentation:

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

Sterility Test

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

(Microbiology is conducted after the agar has been melted by autoclaving at 100°C for 30 minutes, cooled to 45-50°C, then dispensed into Petri dishes and allowed to set).

Positive controls

Inoculum 10-100 colony forming units.

Results after incubation at 30-34°C for 24 – 48 hours

<i>Candida albicans</i>	ATCC® 10231	Cream, domed colonies
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Results after incubation at 20-25°C for 5 days

<i>Candida albicans</i>	ATCC® 10231	Cream, domed colonies
<i>Aspergillus niger</i>	ATCC® 16404	White mycelia, with black spores

Colony counts shall be equal to or greater than 50% of the control medium

Storage conditions

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

The Microbiological Quality Control of this product complies with the following Pharmacopoeias;
British Pharmacopoeia 2005
European Pharmacopoeia 6th Edition 2008
The Japanese Pharmacopoeia JP 15 2006
The United States Pharmacopoeia USP 32 2009