

OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

SABOURAUD DEXTROSE AGAR IRRADIATED (TRIPLE WRAPPED)

PO0394D

Typical Formula, Oxoid CM 41

	grams per litre
Mycological peptone	10.0
Glucose	40.0
Agar	15.0

Preparation

Suspend Sabouraud Dextrose Agar (65g/litre) in deionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense into contact plates. Label plates, wrap and label pack. Irradiate at 8-20kGy.

Format

Ten 55mm contact plates wrapped in three cellulose-based film wraps. An individual irradiation indicator sticker is applied to conform irradiation status. Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

Physical Characteristics

Physical Tests are carried out pre- and post-irradiation

pH	- 5.1 - 5.6 (post-irradiation)
Colour	- Straw
Clarity	- Clear
Fill volume	- 17.0-18.5 ± 0.5ml
Irradiation dose	- 8-20kGy

Packaging and presentation:

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

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-25°C and 30-35°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Microbiological tests are carried out pre- and post-irradiation.

Results after incubation at 20-25°C for 5 days.

Inoculum less than 100 colony forming units.

<i>Candida albicans</i>	ATCC 10231	Cream domed colonies.
<i>Aspergillus niger</i>	ATCC 16404	White mycelium ,black spores.

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

Storage conditions

Store away from the light at between 2 - 25°C.