

PRODUCT SPECIFICATION

OXOID ORANGE SERUM AGAR

BO0493Z

Typical Formula*

	grams per litre
Tryptone	10.0
Orange serum (equivalent solids)	3.5
Glucose	4.0
Dipotassium phosphate	2.5
Agar	14.0

* adjusted as required to meet performance standards

Preparation

Suspend Orange Serum Agar (37.0 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 400ml into final containers, 500ml sirop bottles. Sterilise at 121°C for 15 minutes. When cool, label each bottle and pack in units of 10 into labelled boxes.

Format

Ten sirop 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

pH	5.5 ± 0.2
Colour	Straw 1 to straw 2
Clarity	Clear
Fill weight	400.0 – 404.0g

Packaging and presentation

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

Contamination Check

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.

Results after incubation at 35-39°C for 36-48 hours under anaerobic conditions

Positive controls

Inoculum 10-100 colony forming units

Lactobacillus fermentum ATCC® 9338 Cream colonies

Colony counts shall be equal to or greater than 50% of the control media (MRS Agar).

Results after incubation at 28-32°C for 36-48 hours

Positive controls

Inoculum 10-100 colony forming units

Saccharomyces cerevisiae ATCC® 9763

Cream colonies

Colony counts shall be equal to or greater than 50% of the control media (Sabouraud Dextrose Agar).

Storage conditions

Store away from light between 2-25°C.

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