

OXOID PRODUCT SPECIFICATION

WATER PLATE COUNT AGAR (ISO)

BO0055R

Typical Formula

	grams per litre
Tryptone	6.0
Yeast extract	3.0
Agar	15.0

Preparation

Suspend Water Plate Count Agar (ISO), (24.0 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 200ml into final containers, 250ml sirop bottles. Sterilise at 121°C for 15 minutes. When cooled, label each bottle and pack in units of 10 in 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

Physical Tests

pH	7.2 ± 0.2
Colour	Straw
Clarity	Clear
Fill weight	200.0g + 4.0g

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 and poured into sterile Petri dishes)

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

Positive controls

Inoculum 10-100 colony forming units.

<i>Bacillus subtilis</i>	ATCC® 6633	Straw colonies
<i>Escherichia coli</i>	ATCC® 25922	Straw colonies
<i>Staphylococcus aureus</i> var. Oxford	ATCC® 9144	Straw colonies

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

Storage conditions

Store away from light between 2-25°C.