

**OXOID PLATE COUNT AGAR****PO0158A****Typical Formula\***

	grams per litre
Tryptone	5.0
Yeast extract	2.5
Glucose	1.0
Agar	9.0

\* adjusted as required to meet performance standards

**Preparation**

Suspend Plate Count Agar (17.5 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

**Format**

Ten 90mm plates wrapped in a single nylon film wrap. 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**

pH	7.0 ± 0.2
Colour	Straw 1
Clarity	Clear
Fill weight	19.0 ± 2.0g

**Packaging and presentation**

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

**Contamination check**

Macroscopic examination should show no evidence of microbial growth after incubation at 30-34°C for ≥ 72 hours.

**Microbiological Tests Using Optimum Inoculum Dilution****Results after incubation at 28-32°C for 69-75 hours**Positive controls

Inoculum 50-120 colony forming units

<i>Bacillus subtilis</i>	ATCC® 6633 (WDCM 00003)	Irregular, straw colonies.
<i>Escherichia coli</i>	ATCC® 25922 (WDCM 00013)	Straw colonies
<i>Escherichia coli</i>	ATCC® 8739 (WDCM 00012)	Straw colonies
<i>Staphylococcus aureus</i>	ATCC® 25923 (WDCM 00034)	Cream/ straw colonies

Colony counts shall be equal to or greater than 70% of the control medium (Tryptone Soya Agar).

**Storage conditions**

Store away from the light between 2 -10°C.

Tested in accordance with ISO 11133

Formulation of this medium conforms to ISO 4833.

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