

## PRODUCT SPECIFICATION

## OXOID T.C.B.S. CHOLERA MEDIUM

PO2097A

## Typical Formula\*

	grams per litre
Yeast extract powder	5.0
Bacteriological peptone	10.0
Sodium thiosulphate	10.0
Sodium citrate	10.0
Ox bile	8.0
Sucrose	20.0
Sodium chloride	10.0
Ferric citrate	1.0
Bromothymol blue	0.04
Thymol blue	0.04
Agar	14.0

\*adjusted as required to meet performance standards

## Preparation

Suspend T.C.B.S. Cholera Medium (88.0 grams / litre) in de-ionised water. Bring to the boil to dissolve completely. Cool to 44-50°C 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	8.6 ± 0.2
Colour	Green
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 35-39°C for 21-27 hours

Positive controls

Inoculum 50 - 120 colony forming units

*Vibrio cholerae*

NCTC 11348

Yellow colonies

Colony counts shall be equal to or greater than 50% of the control medium (Columbia Blood Agar).

---

Testing in accordance with ISO 11133

Inoculum 50 - 120 colony forming units

<i>Vibrio furnissii</i>	NCTC 11218 (WDCM 00186)	Yellow colonies
<i>Vibrio parahaemolyticus</i>	NCTC 10885 (WDCM 00185)	Green colonies

Colony counts shall be equal to or greater than 50% of the control medium (Columbia Blood Agar).

Negative control

Inoculum 10,000 - 100,000 colony forming units

<i>Escherichia coli</i>	ATCC® 8739 (WDCM 00012)	Total inhibition
-------------------------	-------------------------	------------------

**Storage conditions**

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

The formulation complies with ISO/TS 21872-1

ATCC® registered trademark of American Type Culture Collection.