thermoscientific

PRODUCT SPECIFICATION

OXOID TBX MEDIUM – TRYPTONE BILE X-GLUCURONIDE BO0194M

Typical Formula*

	grams per litre
Tryptone	20.0
Bile salts No. 3	1.5
Agar	15.0
X-glucuronide	0.075

* adjusted as required to meet performance standards

Preparation
Suspend TBX medium (36.6 grams / litre) in de-ionised water. Bring to the boil to dissolve completely. Cool and dispense 100ml into final containers, 125ml sirop bottles. Autoclave at 121°C for 15 minutes. When cool, label bottles 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	7.2 ± 0.2
Colour	Straw 2, Straw 2-3 or Straw 3
Clarity	Clear
Fill weight	99.0 - 101.0g

Packaging and presentation
General appearance of pack 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

Results after incubation at 43-45°C for 18-24 hours.

Positive controls
Inoculum 50-120 colony forming units.

Escherichia coli	ATCC® 25922 (WDCM 00013)	Blue/green colonies
Escherichia coli	NCTC 13216 (WDCM 00202)	Blue/green colonies

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

Specificity control
Inoculum 10,000-100,000 colony forming units.

Citrobacter freundii	ATCC® 43864 (WDCM 00006)	Inhibited growth, white to green-beige colonies

Negative control
Inoculum 10,000-100,000 colony forming units.

Enterococcus faecalis	ATCC® 29212 (WDCM 00087)	No growth

Storage conditions

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

ATCC® registered trademark of American Type Culture Collection.

Tested in accordance with ISO 11133
The formulation conforms to ISO 16649 (all parts).