

LAURYL TRYPTOSE MANNITOL BROTH

A selective and differential enrichment medium for the detection and enumeration of coliforms according to ISO standards.

Dehydrated media	
Code number:	500 g: LTM20500, 5 kg: LTM25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,6 – 7,0

Direction: Suspend **36 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into test tubes fitted with Durham tube and sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: LTM30100, 500 ml: LTM30500
Tubed media:	150 x 15 mm: LTM40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,7 – 6,9

Direction: Dispense the bottled media aseptically into sterile test tubes fitted with Durham tube. Media in tubes are ready to use.

FORMULA in g/l

Tryptose	20,0
L-Tryptophan	0,2
Mannitol	5,0
Sodium chloride	5,0
Sodium lauryl sulphate	0,1
Buffers	5,7

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Escherichia coli</i>	ATCC 25922	Good, with gas production, indole positive	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, without gas production, indole negative	
<i>Enterococcus faecalis</i>	ATCC 29212	Inhibited	

References: ISO 4831
ISO 7251

In vitro diagnostic – for professional use only!