TRIBUTYRIN AGAR BASE

A non-selective medium for the detection and enumeration of lipolytic micro-organisms.

Dehydrated media	
Code number:	500 g: TRA20500, 5 kg: TRA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,3 – 7,7

Direction: Suspend **20 g** in one litre of distilled water. Add **10 ml of Tributyrin Supplement (TRS80250)** and mix until homogeneous. Heat with frequent agitation until the medium boils well. Sterilise by auto-claving at 121 °C for 15 minutes. Cool to 50 °C with frequent agitation and pour plates immediately to solidify quickly.

Warning!
The ready medium must be homogeneous turbid gel!

Prepared media	
Bottled media:	100 ml: TRA30100, 500 ml: TRA30500
Plated media:	55 mm: TRA50055, 90 mm: TRA50090
Colour:	Yellowish, homogeneous turbid
pH (25 °C):	7,4 – 7,6

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes according to the direction of dehydrated media. Media in Petri-dishes are ready to use.

Warning!
The ready medium must be homogeneous turbid gel!

FORMULA in g/l

Peptones	8
Agar	12

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 media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	**Growth**	Incubation time: 24 h
Staphylococcus aureus	ATCC 29213	Good, with clear halo	
Escherichia coli	ATCC 25922	Good, without halo	

References: Anderson (1939) Ber. 3. Int. Microbiol. Congress. 3: 726.

In vitro diagnostic – for professional use only!