

CATC AGAR BASE

A selective medium for the detection of enterococci.

Dehydrated media	
Code number:	500 g: CAT20500, 5 kg: CAT25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	6,8 – 7,2

Direction: Suspend **28,5 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Cool to 50 °C and add aseptically **10 drops (0,5 ml) of TTC Solution, Sterile (TTC80030)**. Mix well before pouring.

Warning!

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

Prepared media	
Bottled media bases:	100 ml: CAT30100, 500 ml: CAT30500
Plated media:	55 mm: CAT50055, 90 mm: CAT50090
Colour:	Yellowish
pH (25 °C):	6,9 – 7,1

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

FORMULA in g/l

Tryptone	17,00
Peptones	20,6
Sodium citrate	15,0
Sodium carbonate	2,0
Sodium azide	0,4
TWEEN 80	1,0
Buffers	5,0
Agar	13,0

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: 48 h
<i>Enterococcus faecalis</i> ATCC 29212		Good, ferruginous colonies	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

References: Burkwall and Hartman (1964) Appl. Microbiol. 12: 18.

In vitro diagnostic – for professional use only!