

CATC Agar (Base)

Citrate Azide Tween Carbonate Agar

TN 1273 500 g



Intended use

Used for the isolation of enterococci from foodstuffs.

Form

Powder

Colour

Beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Typical composition

Component	g/l
Casein peptone	15
Yeast extract	5
Potassium dihydrogen phosphate	5
Sodium citrate	15
Sodium carbonate	2
2,3,5-Triphenyl tetrazolium chloride (TTC)	0.1
Sodium azide	0.4
Agar	12

Directions

Suspend 54.5 g in 1 litre distilled water. Add 1 ml Tween 80 per litre culture medium. Heat carefully, stirring frequently, until completely dissolved and cool down rapidly. Do not autoclave! Mix well and pour plates.

Final pH at 25 °C

7.0 ± 0.2

Microbiological quality control

Incubate CATC Agar (Base) (Citrate Azide Tween Carbonate Agar) aerobically for 22-48 hours at 36 ± 1°C.

Test strain	No.	CFU/ plate	Growth, colony morphology
<i>Enterococcus faecalis</i>	ATCC 19433	10-100	good growth, medium-sized red colonies
<i>Enterococcus faecalis</i>	ATCC 29212	10-100	good growth, medium-sized red colonies
<i>Enterococcus faecalis</i>	ATCC 49542	10-100	good growth, medium-sized red colonies
<i>Enterococcus hirae</i>	ATCC 8043	10-100	growth partially inhibited, small pink or red colonies
<i>Enterococcus faecium</i>	ATCC 27270	10-100	growth partially inhibited, small colourless or pink colonies with red centre
<i>Enterococcus faecium</i>	ATCC 35667	10-100	growth partially inhibited, small colourless or pink colonies with red centre
<i>Enterococcus faecium</i>	ATCC 6569	10-100	growth partially inhibited, small colourless or pink colonies with red centre
<i>Staphylococcus aureus</i>	ATCC 25923	ca. 1000	no growth
<i>Escherichia coli</i>	ATCC 25922	ca. 1000	no growth
<i>Lactobacillus lactis</i>	clinical isolate	ca. 1000	no growth

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