

# Product Name : CATC (Citrate Azide Tween Carbonate) Agar Base

A selective medium for the detection of *enterococci*.

## FORMULA (G/L)

Peptones ..... 20.0  
Sodium Citrate ..... 15.0  
Sodium Azide ..... 0.4  
Buffers ..... 7.0  
Agar ..... 14.5  
Final pH = 7.0 ± 0.2 at 25 °C.

## DIRECTIONS

Suspend 56.9 G in 1 L of distilled water. Add 1 mL Tween 80 supplement (MB-T1861). Mix well and heat with frequent agitation until the medium boils well. In case of not using up the medium on the day of preparation, sterilize at 100 °C for 20 minutes. Cool to 50 °C and aseptically add 2 vials of TTC 5% supplement (MB-T0734). Mix well. Dispense into petri dishes.

### TTC 5% supplement

1 Vial contents (each vial is sufficient for 500 mL of medium)  
Triphenyltetrazolium Chloride.....0.025 G

## EXPLANATION

CATC (Citrate Azide Tween Carbonate) Agar Base is a selective medium for the detection of *enterococci*.

## USER QUALITY CONTROL

### Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

### Prepared medium

Appearance: clear.

Color: amber.

Incubation conditions: 36 ± 1°C / 24 hours.

Microorganism	ATCC	Growth
<i>Enterococcus faecalis</i>	29212	good
<i>Escherichia coli</i>	25922	inhibited

## STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared media at 2-6°C.

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## REFERENCES

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

## PACKAGING

Cat. No : MB-C2136 CATC (Citrate Azide Tween Carbonate) Agar Base	500 G
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